



ATTENDANCE RECORD



DATE(S) September 12, 2007 9:30 A.M.	SPONSORING ORGANIZATION COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT	LOCATION U.S. Army Corps of Engineers New Orleans District Headquarters District Assembly Room
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PURPOSE	MEETING OF THE CWPRA TECHNICAL COMMITTEE
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PARTICIPANT REGISTER*

NAME	JOB TITLE AND ORGANIZATION	TELEPHONE NUMBER
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Leo Richardson	Exec. Dir. LAKE CATHERINE CIVIC ASSN	504-835-2282
Tim Landers	EPA	214-665-6608
Scott Wilson	USGS	337 265 8644
DAN ARRENEAUX	CZM St BENARD ID	504 271 5448
James Harris	USFWS	985-882-2027
Rick Rayne	DNR/CRD	225-342-9436
Ed Haywood	DNR/CRD	225-342-9428
R. Armstrong	N-Y ASSC.	504-885-0500 225-556-6063
Albertine Makimble	Coastal Manager Plaquemines Parish Gov't	504.912.5973
Chris Andy	St. Bernard Parish CZM	504 278-4303
Karim El Khefashy	KBR	337-552-8008
Brad Winkler	~	713.753.3299
Jery Slich	KBR	504-451-9996
BRANNON DRAPER	LK CATHERINE CIVIC ASSOC.	504 450 4855
Patrick Williams	NOAA/NMFS	225-389-0508
Travis Creel	USACE - PM-OR	504-862-1071
Bryan Rogers	LPDF	504-836-2238
Bob Schwedel	G.H.F. ENSTRONMATION + ASSOC	504-582-2201
Don Hayes	Univ of Louisiana at Lafayette	337-482-5929
GAIL GRANDY	DNR/CRD	225.342.6412
Christopher Areas	st.bernard / Jefferson / Lafitte	504-450-8245
Rose Butler	grad student @ UNO (conservation bio)	



ATTENDANCE RECORD



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PURPOSE	MEETING OF THE CWPPRA TECHNICAL COMMITTEE
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PARTICIPANT REGISTER*

NAME	JOB TITLE AND ORGANIZATION	TELEPHONE NUMBER
Jamie Horses	Shel Pipeloni	504-728-4340
Sue Howes	USACE	" 862-2519
Beth McCasland	USACE	504-862-2071
Sean Duffy	Pres GSMA	833-4196
HEATHER FINLEY	LDWF	225-765-2956
Andrew Beall	LDWF/CEC	225-342-6690
Jannela Visser	LSU	225 578 6377
JOHN PETTIBON	COE	504-862-2732
Dona Weiforbach	DNR/CRD	337 482 0658
John Trout	DNR/CRD	280-4068
Quin Kinler	NRCS	225-382-2047
JENNIFER KLOBAS	UNO EES	(504)274-8513
MARILYN STOLTZ	IRISH BAYOU HOMEOWNERS	504-254-5186
NICK STOLTZ	IRISH BAYOU HOMEOWNERS	"
Edmond Mouton	LDWF	337.373.0032
Michael Eby	Rep. Richard Baker	on file
MICHELLE ULM	USACE	504-862-1842
Deetra Washington	GOCA	225 342 3968
Dar Tullis	Aegis ncp	985-201-2786
Leslie Saezo	TPCG/Coastal Restoration	985-873-6889
Amelia Vincent	URS	

BREAUX ACT

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

AGENDA

September 12, 2007 9:30 a.m.

Location:

U.S. Army Corps of Engineers Office
7400 Leake Ave.
New Orleans, Louisiana
District Assembly Room

Documentation of Task Force and Technical Committee meetings may be found at:

http://www.mvn.usace.army.mil/pd/cwppra_mission.htm

Tab Number

Agenda Item

1. **Status of Breaux Act Program Funds and Projects (Gay Browning, USACE/Melanie Goodman, USACE) 9:30 a.m. to 9:45 a.m.** Ms. Gay Browning and Ms. Melanie Goodman will provide an overview of the status of CWPPRA accounts and available funding in the Planning and Construction Programs.
2. **Decision: FY08 Planning Budget Approval and Presentation of FY08 Outreach Budget (Melanie Goodman, USACE) 9:45 a.m. to 10:00 a.m.**
 - a. The Planning and Evaluation Subcommittee will recommend the FY08 Planning Budget in the amount of \$4,531,534. The Technical Committee will make a recommendation to the Task Force to approve the FY08 Planning Budget.
 - b. The CWPPRA Outreach Committee will present the draft FY08 Outreach Committee Budget in the amount of \$464,470 to the Technical Committee for coordination and discussion purposes only. The outreach budget will be recommended to the Task Force by the Outreach Committee.
3. **Decision: Requests for Funding for Administrative Costs for those Projects Beyond Increment 1 Funding (Gay Browning, USACE) 10:00 a.m. to 10:10 a.m.** The U.S. Army Corps of Engineers will request funding approval in the amount of \$17,119 for administrative costs for those projects beyond Increment 1 funding. The Technical Committee will vote to make a recommendation to the Task Force on the request for funds.
4. **Decision: Request for Operation and Maintenance (O&M) Incremental Funding (Tom Podany, USACE) 10:10 a.m. to 10:20 a.m.** The Technical Committee will consider and vote to make a recommendation to the Task for on the request for total O&M funding of \$3,368,508 required in FY08.
 - a. PPL 1-8 Projects requesting funding increases in the amount of \$1,070,503.
 - b. PPL 9+ Projects requesting funding of O&M costs beyond Increment 1 funding in the amount of \$2,298,005.

- 5. Decision: Request for FY11 Coastwide Reference Monitoring System (CRMS)-Wetlands Monitoring Funds and Project Specific Monitoring Funds for Projects on PPLs 9+ (Greg Steyer, USGS) 10:20 a.m. to 10:35 a.m.** Following a presentation on the status/progress of CRMS over the past year, the following requests will be discussed by the Technical Committee, for recommendation to the Task Force:

 - a.** Project specific monitoring funding beyond the first 3-years for projects on PPLs 9+ (in order to maintain a 3-year rolling amount of funding) in the amount of \$13,530, for the following projects:

 - GIWW- Perry Ridge West Bank Stabilization (CS-30)
 - Grand-White Lakes Landbridge Protection (ME-19)
 - Coastwide Nutria Control Program (LA-03b)
 - b.** CRMS FY11 monitoring request in the amount of \$4,697,824.
- 6. Decision: 17th Priority Project List (Tom Podany, USACE): 10:35 a.m. to 10:45 a.m.** The Environmental Workgroup Chairman will present an overview of the ten PPL 17 candidate projects and three PPL17 demonstration candidate projects. The Technical Committee will vote to make a recommendation to the Task Force for selecting PPL 17.
- 7. Decision: Project Deauthorization Requests (Tom Podany, USACE) 10:45 a.m. to 11:00 a.m.** The Technical Committee will vote to make a recommendation to the Task Force for the proposed deauthorizations of the following projects:

 - a.** Mississippi River Reintroduction into Bayou Lafourche Project (BA-25b)
 - b.** Labranche Wetlands Terracing, Planting and Shoreline Protection Project (PO-28)
 - c.** Bonnet Carre Spillway Project (PO-26)
 - d.** Myrtle Grove Siphon Project (BA-24)
- 8. Decision: Project Transfer Request: Bayou Lamoque Freshwater Diversion (BS-13) (Tom Podany, USACE) 11:00 a.m. to 11:10 a.m.** The State has requested that this project be transferred from the CWPPRA program to the Coastal Impact Assistance Program (CIAP) because it is a Tier 1 project in the State's Draft Coastal Impact Assistance Plan, and the State is currently designing the project to be executed under that plan. The Technical Committee will vote on recommendation to the Task Force for the requested project from CWPPRA to CIAP.
- 9. Decision: Raccoon Island Shoreline Protection/Marsh Creation Project (TE-48) (Britt Paul, NRCS) 11:10 a.m. to 11:20 a.m.** NRCS and DNR are requesting approval to transfer \$319, 255 from the construction budget of Phase A (breakwaters) to the E&D budget of Phase B (marsh creation). The Technical Committee will vote to make a recommendation to the Task Force on the request to transfer funds.
- 10. Decision: GIWW Bank Restoration of Critical Areas (TE-43) (Britt Paul, NRCS) 11:20 a.m. to 11:35 a.m.** NRCS and DNR are requesting that the Technical Committee review the GIWW Bank Restoration of Critical Areas (TE-43) Change in Project Scope Report and recommend approval of the scope change to the Task Force.

11. Discussion: Status of Unconstructed Projects (Melanie Goodman, USACE) 11:35 a.m. to 11:45 a.m.

As directed by the Task Force, the P&E Subcommittee will report on the status of unconstructed CWPPRA projects that are, experiencing project delays. Discussions will include the status on milestones and decisions will be on recommendations to the Task Force on what directions to take on the following projects as outlined below:

- a. West Point a la Hache Outfall Management Project: project update and status on change project scope.
- b. Brown Lake Hydrologic Restoration Project: update on revised WVA milestone, request for construction approval.
- c. Periodic Introduction of Sediment and Nutrients at Selected Diversion Sites
- d. Mississippi River Sediment Trap Project
- e. Benney's Bay: Induced Shoaling Issue

12. Discussion/Decision: Impacts of Converting PPL 1-8 to Cash Flow (Melanie Goodman, USACE)

11:45 a.m. to 11:50 a.m. The P&E presented an overview of the impacts of converting PPL 1-8 projects to cash flow procedures on cost share and land rights agreements at the last Technical Committee and Task Force meetings. A summary of the estimated potential construction and long-term O&M and Monitoring funds tied up in PPL 1-8 that could be used to fund projects that are eligible for construction in the near term was also provided. A completed analysis of Construction and long term O&M and Monitoring funds will be presented to the Technical Committee. The Technical Committee will consider and vote on whether or not they will recommend to the Task Force to convert PPL 1-8 to cash flow procedures, weighing the impacts on cost share and land rights agreements; the total amount of funds that could be available to fund construction of eligible projects; whether or not unexpended construction funds from unconstructed projects would be included and if those projects would then be subject to the standard operating procedures for cash flow projects (i.e., 30% and 95% design review and Phase II approval and funding requirements).

13. Additional Agenda Items (Tom Podany, USACE) 11:50 a.m. to 11:55 a.m.

14. Date of Upcoming Task Force Meeting (Melanie Goodman, USACE) 11:55 a.m. to 12:00 p.m. The next Task Force meeting will be held October 25, 2007 at the U.S. Army Corps of Engineers Office, 7400 Leake Ave., New Orleans, Louisiana in the District Assembly Room.

15. Scheduled Dates of Future Program Meetings (Melanie Goodman, USACE) 12:00 p.m. to 12:05 p.m.

2007

October 25, 2007 9:30 a.m. Task Force New Orleans

2008

January 16, 2008 9:30 a.m. Technical Committee Baton Rouge
 February 13, 2008 9:30 a.m. Task Force Baton Rouge
February 19, 2008 1:00 p.m. RPT Region IV Rockefeller Refuge
February 20, 2008 9:00 a.m. RPT Region III Morgan City
February 21, 2008 9:00 a.m. RPT Region II New Orleans
February 21, 2008 1:00 p.m. RPT Region I New Orleans
March 5, 2008 9:30 a.m. Coast-wide RPT Voting Baton Rouge
April 16, 2008 9:30 a.m. Technical Committee New Orleans
May 21, 2008 9:30 a.m. Task Force Lafayette
September 10, 2008 9:30 a.m. Technical Committee Baton Rouge
October 15, 2008 9:30 a.m. Task Force Baton Rouge
November 18, 2008 7:00 p.m. PPL 18 Public Meeting Abbeville
November 19, 2008 7:00 p.m. PPL 18 Public Meeting New Orleans
December 3, 2008 9:30 a.m. Technical Committee Baton Rouge

2009

January 21, 2009 9:30 a.m. Task Force Baton Rouge

* Dates in BOLD are new or revised dates.

Adjourn

Gallagher, Anne E MVN-Contractor

From: Parrish.Sharon@epamail.epa.gov
Sent: Tuesday, September 11, 2007 11:49 AM
To: Goodman, Melanie L MVN; Gallagher, Anne E MVN-Contractor; Constance, Troy G MVN; Podany, Thomas J MVN
Cc: Landers.Timothy@epamail.epa.gov
Subject: Fw: EPA Technical Committee Representative for 09/12/07

Melanie,

Due to pressing other matters, I will not be able to attend tomorrow's Technical Committee meeting in New Orleans. I hereby designate Tim Landers to serve in my stead as EPA's representative at the September 12, 2007, CWPPRA Technical Committee meeting. If you have any questions, please do not hesitate to call. Thank you.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TECHNICAL COMMITTEE MEETING

September 12, 2007

STATUS OF BREAUX ACT PROGRAM FUNDS AND PROJECTS

Ms. Gay Browning and Ms. Melanie Goodman will provide an overview of the status of CWPPRA accounts and available funding in the Planning and Construction Programs.

Potential Planning Program Funding Requests for 25 October 2007 Task Force			11-Sep-07
	Total Request	TC?	Total Recommended
Funds Available:			
Funds Available, 13 Sep 2007	\$925,674.71		\$925,674.71
Anticipated Return of Funds	\$151,318.63		\$151,318.63
FY08 Planning Program Funding (anticipated)	\$5,000,000.00		\$5,000,000.00
Total	\$6,076,993.34		\$6,076,993.34
Agenda Item 2: FY08 - Planning Budget (and Outreach Budget) Recommendation:			
P&E Recommended FY08 Planning Budget	\$4,531,534.00		\$0.00
Outreach Committee Recommended FY08 Budget	\$464,470.00		\$464,470.00
Total	\$4,996,004.00		\$464,470.00
Total Remaining Funds in CWPPRA Planning Program			
	\$1,080,989.34		\$5,612,523.34

Potential Construction Program Funding Requests for 25 October 2007 Task Force				12 Sep 2007
	Total	TC?	Fed	Non-Fed
Funds Available:				
Funds Available, 12 September 2007	(\$532,258)		(\$532,258)	
FY08 Const Program Funding (anticipated)	\$89,756,924		\$76,293,385	\$13,463,539
Total	\$89,224,666		\$75,761,127	\$13,463,539
Agenda Item 3: COE Admin - PPL 9-16 October 2007 Cash Flow Requests Recommendation:				
Multiple Projects	\$17,119		\$14,551	\$2,568
Total	\$17,119		\$14,551	\$2,568
Agenda Item 4a: O & M - October 2007 PPL 1-8 Cost Increase Requests Recommendation:				
Cameron Creole Plugs (CS-17) [PPL 1]	\$47,897		\$40,712	\$7,185
East Mud Lake Marsh Management (CS-20) [PPL 2]	\$640,831		\$544,706	\$96,125
Highway 384 Hydrologic Restoration (CS-21) [PPL 2]	\$153,339		\$130,338	\$23,001
Cameron-Creole Maintenance (CS-04a) [PPL 3]	\$174,928		\$148,689	\$26,239
Black Bayou Hydrologic Restoration (CS-27) [PPL 6]	\$53,508		\$48,157	\$5,351
Total	\$1,070,503		\$912,603	\$157,900
Agenda Item 4b: O & M - October 2007 PPL 9-16 Incremental Requests Recommendation:				
Barataria Basin Landbridge Shoreline Protection - Phase 3 (BA-27c) [PPL 9]	\$21,200		\$18,020	\$3,180
Coastwide Nutria (LA-03B) [PPL 11]	\$2,276,805		\$1,935,284	\$341,521
Total	\$2,298,005		\$1,953,304	\$344,701
Agenda Item 5: Monitoring - October 2007 PPL 9-16 Incremental Requests Recommendation:				
GIWW Bank Stabilization (Perry Ridge West) (CS-30) [PPL 9]	\$7,555		\$6,422	\$1,133
Grand Lake/White Lake (ME-19) [PPL 10]	\$5,975		\$5,079	\$896
Coastwide Nutria Control Program (LA-03b) [PPL 11]	\$224,061		\$190,452	\$33,609
CRMS - Wetlands	\$4,697,824		\$3,993,150	\$704,674
Total	\$4,935,415		\$4,195,103	\$740,312
Agenda Item 6a: Phase I - October 2007 PPL17 Recommendation (Task Force to select up to 4):				
Bayou Dupont Ridge Creation and Marsh Restoration	\$2,013,881		\$1,711,799	\$302,082
Bayou Thunder Marsh Creation and Shoreline Protection	\$1,649,967		\$1,402,472	\$247,495
Beach & Back Barrier Marsh Restoration - East Island	\$1,972,121		\$1,676,303	\$295,818
Bohemia Mississippi River Reintroduction	\$1,359,699		\$1,155,744	\$203,955
Caernarvon Outfall Management/Lake Lery SR	\$2,665,993		\$2,266,094	\$399,899
East Cove Marsh Creation Project	\$1,076,681		\$915,179	\$161,502
Irish Bayou Shoreline Protection and Marsh Creation	\$1,714,265		\$1,457,125	\$257,140
Pass a Loutre Restoration Project	\$2,148,661		\$1,826,362	\$322,299
SE Lake Boudreaux Marsh Creation & Terracing	\$2,128,140		\$1,808,919	\$319,221
West Point a la Hache Increment	\$1,620,740		\$1,377,629	\$243,111
Total	\$18,350,148		\$15,597,626	\$2,752,522
Agenda Item 6b: Phase I - October 2007 PPL17 Recommendation - Demos:				
Bio-Engineered Oyster Reef Demo	\$1,981,822		\$1,684,549	\$297,273
Positive Displacement Pump Demo	\$3,069,108		\$2,608,742	\$460,366
Sediment Containment System for Marsh Cr Demo	\$1,163,343		\$988,842	\$174,501
Total	\$6,214,273		\$5,282,132	\$932,141
Agenda Item 7: October 2007 Project Deauthorization Requests Recommendation:				
Mississippi River Reintroduction into Bayou Lafourche (BA-25b) [PPL 5]	(\$2,834,903)		(\$2,551,413)	(\$283,490)
Labranche Wetlands Terracing, Planting & Shoreline Protection (PO-28) [PPL 9]	\$0		\$0	\$0
Opportunistic Use of the Bonnet Carre Spillway (PO-26) [PPL 9]	(\$106,135)		(\$90,215)	(\$15,920)
Myrtle Grove Siphon (BA-24) [PPL 5]	\$0		\$0	\$0
Total	(\$2,941,038)		(\$2,641,627)	(\$299,411)
Agenda Item 8: October 2007 Project Transfer Request Recommendation:				
Bayou Lamoque (BS-13) [PPL 15]	(\$1,195,753)		(\$1,016,390)	(\$179,363)
Total	(\$1,195,753)		(\$1,016,390)	(\$179,363)
Agenda Item 12: October 2007 Converting PPL 1-8 to Cash Flow Recommendation:				
Construction	(\$21,542,342)		(\$19,388,108)	(\$2,154,234)
O&M	(\$31,642,415)		(\$26,896,053)	(\$4,746,362)
Monitoring	(\$14,359,656)		(\$12,205,708)	(\$2,153,948)
Total	(\$67,544,413)		(\$58,489,868)	(\$9,054,545)

Potential Construction Program Funding Requests for 25 October 2007 Task Force				12 Sep 2007
	Total	TC?	Fed	Non-Fed
Phase II: January 2008 Incr 1 (Construction + 3 years OM&M) Requests Recommendation: [ESTIMATES TO BE UPDATED]				
Avoca Island Diversion and Land Building	\$15,059,531		\$12,800,601	\$2,258,930
Barataria Basin LB, Phase 3, CU 7	\$21,538,790		\$18,307,972	\$3,230,819
Bayou Dupont Sediment Delivery System	\$22,096,488		\$18,782,015	\$3,314,473
Benneys Bay	\$15,350,681		\$13,048,079	\$2,302,602
Castille Pass	\$18,933,969		\$16,093,874	\$2,840,095
Delta Building Diversion North of Fort St. Philip	\$4,898,596		\$4,163,807	\$734,789
East Grand Terre	\$33,881,341		\$28,799,140	\$5,082,201
Freshwater Bayou Canal	\$25,676,625		\$21,825,131	\$3,851,494
GIWW Bank Restoration of Critical Areas in Terrebonne (Seg 4)	\$9,459,203		\$8,040,323	\$1,418,880
Lake Borgne & MRGO SP	\$31,924,591		\$27,135,902	\$4,788,689
Mississippi River Sediment Trap	\$50,308,586		\$42,762,298	\$7,546,288
Rockefeller Refuge	\$10,544,865		\$8,963,135	\$1,581,730
Ship Shoal: Whiskey West Flank	\$48,901,961		\$41,566,667	\$7,335,294
South Lake DeCade - CU1	\$2,221,043		\$1,887,887	\$333,156
South Shore of the Pen Shoreline Protection & Marsh Creation	\$14,368,285		\$12,213,042	\$2,155,243
Whiskey Island Back Barrier Marsh Creation	\$19,370,025		\$16,464,521	\$2,905,504
Total	\$344,534,580		\$292,854,393	\$51,680,187
Proposed October 2007 Approvals				
	\$0			
Funds Available After October 2007 Approvals (to fund Phase II)				
	\$89,224,666			
Proposed January 2008 Phase II Approvals				
	\$344,534,580			
Oct 2007 and Jan 2008 Proposed Approvals Total				
	\$344,534,580			
Available Funds Surplus/(Shortage)				
	(\$255,309,914)			

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

September 12, 2007

**FY08 PLANNING BUDGET APPROVAL AND PRESENTATION OF FY08
OUTREACH BUDGET**

For Decision:

- a. The Planning and Evaluation Subcommittee will recommend the FY08 Planning Budget in the amount of \$4,531,534. The Technical Committee will make a recommendation to the Task Force to approve the FY08 Planning Budget.

- b. The CWPPRA Outreach Committee will present the draft FY08 Outreach Committee Budget in the amount of \$464,470 to the Technical Committee for coordination and discussion purposes only. The outreach budget will be recommended to the Task Force by the Outreach Committee.

Coastal Wetlands Planning, Protection, and Restoration Act
Fiscal Year 2008 Planning Schedule and Budget
P&E Committee Recommendation, 20 August 2007
Tech Committee Recommendation,
Approved by Task Force,

\$925,674.71 = Available Surplus

TASK					CWPPRA COSTS												
Task Category		Task No.	Description	Duration		Dept of Defense	Dept. of Interior			State of Louisiana			EPA	Department of Agriculture	Department of Commerce		Total
Task Category	Task No.	Description	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	LDNR	LDWF	Gov. Ofc.	EPA	NRCS	NMFS	Other	Total	
PPL 17 TASKS																	
PL	17600	TF Selection and Funding of the 17th PPL (1 meeting)	10/17/07	10/17/07	4,953	9,443			3,702	1,502	0	3,416	6,432	9,280		38,728	
PL	17700	PPL 17 Report Development	10/18/07	5/31/08	40,000	2,621			1,862				401	10,134		55,018	
PL	17800	Corps Upward Submittal of the PPL 17 Report	6/1/08	6/1/08	1,000											1,000	
PL	17900	Corps Congressional Submission of the PPL 17 Report	8/1/08	8/1/08	1,000											1,000	
FY08 Subtotal PL 17 Tasks					46,953	12,064	0	0	5,564	1,502	0	3,416	6,833	19,414	0	95,746	
PPL 18 TASKS																	
PL	18200	Development and Nomination of Projects															
PL	18210	DNR/USGS prepares base maps of project areas, location of completed projects and projected loss by 2050. Develop a comprehensive coastal LA map showing all water resource and restoration projects (CWPPRA, state, WRDA projects, etc.) NWRC costs captured under SPE 18400.	10/13/07	1/5/08	1,000				4,067				401			5,468	
PL	18220	Sponsoring agencies prepare fact sheets (for projects and demos) and maps prior to and following RPT nomination meetings.	10/13/07	2/15/08	56,725	32,765			10,652			34,040	88,868	16,890		239,940	
PL	18230	RPT's meet to formulate and combine projects. Each basin nominates no more than 2 project, with exception of 3 in Barataria and Terrebonne [20 nominees] and up to 6 demos (3 meetings)	2/19/08	2/21/08	18,000	14,562			10,548	4,506	0	6,480	11,155	13,301		78,552	
PL	18240	RPT Voting meeting (20 nominees and up to 6 demos)	3/5/08	3/5/08	5,000	2,621			2,653	1,502	0	2,128	1,403	4,434		19,741	
PL	18300	Ranking of Nominated Projects															

Coastal Wetlands Planning, Protection, and Restoration Act
Fiscal Year 2008 Planning Schedule and Budget
P&E Committee Recommendation, 20 August 2007
Tech Committee Recommendation,
Approved by Task Force,

\$925,674.71 = Available Surplus

TASK					CWPPRA COSTS												
			Duration		Dept of Defense	Dept. of Interior			State of Louisiana			EPA	Department of Agriculture	Department of Commerce			
Task Category	Task No.	Description	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	LDNR	LDWF	Gov. Ofc.	EPA	NRCS	NMFS	Other	Total	
PL	18320	Engr Work Group prepares preliminary fully funded cost ranges for nominees.	3/5/08	3/20/08	1,000	2,621			4,437		0	4,080	6,639	5,926		24,703	
PL	18330	Environ/Engr Work Groups review nominees	4/2/08	4/3/08	1,200	8,155			4,212	2,253	0	3,120	5,723	3,800		28,463	
PL	18340	WGs develop and P&E distributes project matrix	4/4/08	4/4/08	1,242	2,330			2,658			2,696	391	3,378		12,695	
PL	18350	TC selection of PPL18 candidates (10) and demo candidates (up to 3)	4/16/08	4/16/08	2,265	2,621			2,847	2,253		3,084	3,146	3,378		19,594	
PL	18400	Analysis of Candidates															
PL	18410	Sponsoring agencies coordinate site visits for all projects	5/1/08	7/15/08	34,047	21,479			17,391	13,518		30,240	38,281	21,682		176,638	
PL	18420	Engr/Environ Work Group refine project features and determine boundaries	5/1/08	9/30/08	7,903	16,382			9,321	13,518	0	5,040	7,220	10,345		69,729	
PL	18430	Sponsoring agencies develop project information for WVA; develop designs and cost estimates (projects and demos)	5/1/08	9/30/08	36,516	38,225			37,992			38,940	59,864	69,654		281,191	
PL	18440	Environ/Engr Work Groups project-wetland benefits (with WVA)	5/1/08	9/30/08	26,000	26,212			15,402	4,506	0	16,440	9,967	25,334		123,861	
PL	18450	Engr Work Group reviews/approves Ph 1 and Ph 2 cost estimates from sponsoring agencies, incl cost estimates for demos	5/1/08	9/30/08	14,120	3,932			8,179		0	9,930	3,915	14,120		54,196	
PL	18460	Economic Work Group reviews cost estimates, adds monitoring, O&M, etc., and develops annualized costs	5/1/08	10/15/08	15,000	1,675			1,630			0	7,222	1,120		26,647	
PL	18475	Envr and Eng WG's prioritization of PPL 18 projects and demos	5/1/08	10/15/08	4,000	8,155			5,870	2,253	0	4,080	8,360	3,800		36,518	
PL	18480	Prepare project information packages for P&E.	5/1/08	11/18/08	7,137	7,645			2,483			1,920	341	2,533		22,059	

Coastal Wetlands Planning, Protection, and Restoration Act
Fiscal Year 2008 Planning Schedule and Budget
P&E Committee Recommendation, 20 August 2007
Tech Committee Recommendation,
Approved by Task Force,

\$925,674.71 = Available Surplus

TASK					CWPPRA COSTS											
Task Category	Task No.	Description	Duration		Dept of Defense	Dept. of Interior			State of Louisiana			EPA	Department of Agriculture	Department of Commerce		Total
			Start Date	End Date	USACE	USFWS	NWRC	USGS BR	LDNR	LDWF	Gov. Ofc.	EPA	NRCS	NMFS	Other	
PL	18485	P&E holds 2 Public Meetings	11/18/08	11/19/08	10,000	4,005			4,754	4,506		2,246	3,898	1,120		30,529
PL	18490	TC Recommendation for Project Selection and Funding	12/3/08	1/21/09	2,623	6,553			1,829	2,253		2,136	4,715	3,800		23,909
FY08 Subtotal PPL 18 Tasks					243,778	199,938	0	0	146,925	51,068	0	166,600	261,509	204,615	0	1,274,433
Project and Program Management Tasks																
PM	18100	Program Management--Coordination	10/1/07	9/30/08	400,213	92,469	27,986		61,964	2,253	0	99,189	107,428	82,337		873,839
PM	18110	Program Management--Correspondence	10/1/07	9/30/08	40,646	27,240	7,900		25,138	2,253		29,613	41,588	63,275		237,653
PM	18120	Prog Mgmt--Budget Development and Oversight	10/1/07	9/30/08	64,273	16,382	6,711		10,973	1,502	0	102,045	48,020	76,328		326,234
PM	18130	Program and Project Management--Financial Management of Non-Cash Flow Projects	10/1/07	9/30/08	64,518	10,557			17,718			0	17,359	33,779		143,931
PM	18200	P&E Meetings (3 meetings preparation and attendance)	10/1/07	9/30/08	18,000	9,443	4,924		5,291	4,506	0	9,168	4,015	6,334		61,681
PM	18210	Tech Com Mtngs (4 mtngs including three public and one off-site; prep and attend)	10/1/07	9/30/08	83,618	29,124	7,516		17,303	11,265	0	9,756	23,948	12,405		194,935
PM	18220	Task Force mtngs (4 mtngs, including three public and one executive session; prep and attend)	10/1/07	9/30/08	98,383	32,765	8,619		24,151	9,012	0	16,682	39,491	41,160		270,263
PM	18300	Prepare Evaluation Report (Report to Congress) NOTE: next update in FY09 budget	10/1/07	9/30/08	0				0			0	0	0		0
PM	18400	Agency Participation, Review 30% and 95% Design for Phase 1 Projects	10/1/07	9/30/08	46,002	11,650			10,347	6,008	0	12,240	5,874	12,667		104,788
PM	18410	Engineering & Environmental Work Groups review Phase II funding of approved Phase I projects (Needed for adequate review of Phase I.) [Assume 8 projects requesting Ph II funding in FY08. Assume 3 will require Eng or Env WG review; 2 labor days for each.]	10/1/07	9/30/08	10,689	11,650			5,956	7,510	0	3,840	6,494	12,667		58,806
PM	18500	Helicopter Support: Helicopter usage for the PPL process.	10/1/07	9/30/08		25,085										25,085

Coastal Wetlands Planning, Protection, and Restoration Act
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\$925,674.71 = Available Surplus

TASK					CWPPRA COSTS												
Task Category		Task No.	Description	Start Date	End Date	Dept of Defense	Dept. of Interior			State of Louisiana			EPA	Department of Agriculture	Department of Commerce	Other	Total
						USACE	USFWS	NWRC	USGS BR	LDNR	LDWF	Gov. Ofc.	EPA	NRCS	NMFS		
PM	18600		Miscellaneous Technical Support	10/1/07	9/30/08	188,505	9,829			81,406		0	35,000	34,945	40,000		389,685
FY08 Subtotal Project Management Tasks						1,014,847	276,194	63,656	0	260,247	44,309	0	317,533	329,162	380,952	0	2,686,900
FY08 Total for PPL Tasks						1,305,578	488,196	63,656	0	412,736	96,879	0	487,549	597,504	604,981	0	4,057,079
SUPPLEMENTAL PLANNING AND EVALUATION TASKS																	
SPE	18100		Academic Advisory Group [NOTE: MOA between sponsoring agency and LUMCON available through FY19.] [Prospectus, page 6-7]	10/1/07	9/30/08							0				103,400	103,400
SPE	18200		Maintenance of web-based project reports and website project fact sheets. [NWRC Prospectus, pg 8] [Corps Prospectus, pg 9] [LDNR Prospectus, pg 10]	10/1/07	9/30/08	3,998		45,200		14,608		0					63,806
SPE	18400		Core GIS Support for CWPPRA Task Force Planning Activities. [NWRC Prospectus, pg 11] [LDNR Prospectus, page 12]	10/1/07	9/30/08			296,294		10,955		0					307,249
FY08 Total Supplemental Planning & Evaluation Tasks						3,998	0	341,494	0	25,563	0	0	0	0	0	103,400	474,455
FY08 Agency Tasks Grand Total						1,309,576	488,196	405,150	0	438,299	96,879	0	487,549	597,504	604,981	103,400	4,531,534
Otrch	18100		Outreach - Committee Funding	10/1/07	9/30/08							0				398,670	398,670
Otrch	18200		Outreach - Agency	10/1/07	9/30/08	6,600	3,300	29,500		6,600		0	6,600	6,600	6,600		65,800
FY08 Total Outreach						6,600	3,300	29,500	0	6,600	0	0	6,600	6,600	6,600	398,670	464,470
Grand Total FY08						1,316,176	491,496	434,650	0	444,899	96,879	0	494,149	604,104	611,581	502,070	4,996,004

Coastal Wetlands Planning, Protection and Restoration Act
Fiscal Year 2008 Budget Summary

P&E Committee Recommendation, 20 August 2007
Tech Committee Recommendation,
Task Force Approval,

	FY2004 Amount (\$)	FY2005 Amount (\$)	FY2006 Amount (\$)	FY2007 Amount (\$)	FY2008 Amount (\$)
General Planning & Program Participation [Supplemental Tasks Not Included]					
State of Louisiana					
LDNR	405,472	460,066	386,677 ³⁴	412,736	412,736
LDWF	37,760	72,096	73,598	96,879	96,879
Gov's Ofc	81,000	92,000	87,500 ³⁴	86,500	0
Total State	<u>524,232</u>	<u>624,162</u>	<u>547,775</u>	<u>596,115</u>	<u>509,615</u>
EPA	460,913	400,700	439,800 ³⁴	469,091	487,549
Dept of the Interior					
USFWS	474,849	450,650	464,478 ³⁴	476,885	488,196
NWRC	47,995	111,363 ³³	137,071 ³⁴	63,656	63,656
USGS Reston					
USGS Baton Rouge					
USGS Woods Hole					
Natl Park Service					
Total Interior	<u>522,844</u>	<u>562,013</u>	<u>601,549</u>	<u>540,541</u>	<u>551,852</u>
Dept of Agriculture	498,624	600,077 ³³	590,937 ³⁴	596,400	597,504
Dept of Commerce	540,030	561,306 ³³	570,350 ³⁴	583,134	604,981
Dept of the Army	1,201,075	1,251,929 ³³	1,171,199 ³⁴	1,259,208	1,305,578
Agencies Total	<u>\$3,747,718</u>	<u>\$4,000,187</u>	<u>\$3,921,610</u>	<u>\$4,044,489</u>	<u>\$4,057,079</u>
Feasibility Studies Funding					
Barrier Shoreline Study					
WAVCIS (DNR)					
Study of Chenier Plain					
Miss R Diversion Study					
Total Feasibility Studies					
Complex Studies Funding					
Beneficial Use Sed Trap Below Venice (COE)					
Barataria Barrier Shoreline (NMFS)					
Diversion into Maurepas Swamp (EPA/COE)					
Holly Beach Segmented Breakwaters (DNR)					
Central & Eastern Terrebonne Basin (USFWS)				190,000	
Delta Building Diversion Below Empire (COE)					
Total Complex Studies	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$190,000</u>	<u>\$0</u>

**Coastal Wetlands Planning, Protection and Restoration Act
Fiscal Year 2008 Budget Summary**

**P&E Committee Recommendation, 20 August 2007
Tech Committee Recommendation,
Task Force Approval,**

	FY2004 Amount (\$)	FY2005 Amount (\$)	FY2006 Amount (\$)	FY2007 Amount (\$)	FY2008 Amount (\$)
Outreach					
Outreach	421,250	437,900	460,948	463,858	464,470
Supplemental Tasks					
Academic Advisory Group	99,000	99,000	99,000	100,100	103,400
Database & Web Page Link Maintenance	109,043	52,360	61,698	62,996	63,806
Linkage of CWPPRA & LCA	200,000	120,000			
Core GIS Support for Planning Activities	278,583	303,730	305,249	307,249	307,249
Oyster Lease GIS Database-Maint & Anal	88,411	98,709	103,066		
Oyster Lease Program Mgmt & Impl	74,472				
Joint Training of Work Groups	50,000	30,383			
Terrebonne Basin Recording Stations	18,000				
Land Loss Maps (COE)	62,500	63,250	63,250		
Storm Recovery Procedures (2 events)	76,360	97,534	97,534		
Landsat Satellite Imagery					
Digital Soil Survey (NRCS/NWRC)					
GIS Satellite Imagery					
Aerial Photography & CD Production					
Adaptive Management					
Development of Oyster Reloc Plan					
Dist & Maintain Desktop GIS System					
Eng/Env WG rev Ph 2 of appr Ph 1 Prjs					
Evaluate & Assess Veg Plntgs Coastwide					
Monitoring - NOAA/CCAP ²³					
High Resolution Aerial Photography (NWRC)					
Coast-Wide Aerial Vegetation Svy					
Repro of Land Loss Causes Map					
Model flows Atch River Modeling					
MR-GO Evaluation					
Monitoring -					
Academic Panel Evaluation					
Brown Marsh SE Flight (NWRC)					
Brown Marsh SW Flight (NWRC)					
COAST 2050 (DNR)					
Purchase 1700 Frames 1998					
Photography (NWRC)					
CDROM Development (NWRC)					
DNR Video Repro					
Gov's Office Workshop					
GIWW Data collection					
Total Supplemental	\$1,056,369	\$864,966	\$729,797	\$470,345	\$474,455
Total Allocated	\$5,148,336	\$5,303,053	\$5,112,355	\$5,168,692	\$4,996,004
Unallocated Balance					\$3,996
Total Unallocated	\$925,675				\$929,671

**Coastal Wetlands Planning, Protection and Restoration Act
Fiscal Year 2008 Budget Summary**

**P&E Committee Recommendation, 20 August 2007
Tech Committee Recommendation,
Task Force Approval,**

	FY2004 Amount (\$)	FY2005 Amount (\$)	FY2006 Amount (\$)	FY2007 Amount (\$)	FY2008 Amount (\$)
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Footnotes:

- ¹ amended 28 Feb 96
- ² \$700 added for printing, 15 Mar 96 (TC)
- ³ transfer \$600k from '97 to '98
- ⁴ transfer \$204k from MRSNFR TO Barrier Shoreline Study
- ⁵ increase of \$15.1k approved on 24 Apr 97
- ⁶ increase of \$35k approved on 24 Apr 97
- ⁷ increase of \$40k approved on 26 Jul 97 from Corps Planning Funds
- ⁸ Original \$550 in Barrier Shoreline Included \$200k to complete Phase 1 EIS, and \$350k to develop Phase 2 feasibility scope.
- ⁹ Assumes a total of \$420,000 is removed from the Barrier Shoreline Study over 2 years from Phase 1 EIS
- ¹⁰ Excludes \$20k COE, \$5k NRCS, \$5k DNR, \$2kUSFWS, and \$16k NMFS moved to Coast 2050 during FY 97 for contracts & @ \$255k absorbed in agency FY 97 budgets for a total of \$303,000.
to COAST2050 during FY 97 for contracts & @ \$255k absorbed in agency FY 97 budgets for a total of \$303,000.
- ¹¹ Additional \$55,343 approved by Task Force for video documentary.
- ¹² \$29,765 transferred from DNR Coast 2050 to NWRC Coast 2050 for evaluation of Report.
- ¹³ \$100,000 approved for WAVCIS at 4 Aug 99 Task Force meeting. Part of Barrier Shoreline Study.
- ¹⁴ Task Force approved 4 Aug 99.
- ¹⁵ Task Force approved additional \$50,000 at 4 Aug 99
- ¹⁶ Carryover funds from previous FY's; this number is being researched at present.
- ¹⁷ \$600,000 given up by MRSNFR for FY 2000 budget.
- ¹⁸ Total cost is \$228,970.
- ¹⁹ Task Force approved FY 2000 Planning Budget 7 Oct 99 as follows:
 - (a) General Planning estimates for agencies approved.
 - (b) 75% of Outreach budget approved; Agency outreach funds removed from agency General Planning funds; Outreach Committee given oversight of agency outreach funds.
 - (b) 50% of complex project estimates approved.
- ²⁰ Outreach: original approved budget was \$375,000; revised budget \$415,000.
 - (a) 15 Mar 2000, Technical Committee approved \$8,000 increase Watermarks printing.
 - (b) 6 Jul 2000, Task Force approved up to \$32,000 for Sidney Coffee's task of implementing national outreach effort.
- ²¹ 5 Apr 2000, Task Force approved additional \$67,183 for preparation of report to Congress.
\$32,000 of this total given to NWRC for preparation of report.
- ²² 6 Jul 00: Monitoring - Task Force approved \$30,000 for Greg Steyer's academic panel evaluation of monitoring program.
- ²³ Definition: Monitoring (NWRC) - NOAA/CCAP (Coastwide Landcover [Habitat] Monitoring Program
- ²⁴ 29 Aug 00: Task Force fax vote approves \$29,500 for NWRC for brown marsh southeastern flight
- ²⁵ 1 Sep 00: Task Force fax vote approves \$46,000 for NWRC for brown marsh southwestern flight
- ²⁶ 10 Jan 2001: Task Force approves additional \$113,000 for FY01.
- ²⁷ 30 May 01: Tech Comm approves 86,250 for Coast-Wide Aerial Vegetation Survey for LDNR; T.F. fax vote approves
- ²⁸ 7 Aug 2001: Task Force approves additional \$63,000 in Outreach budget for Barataria Terrebonne National Estuary Foundation Superbowl campaign proposal.
- ²⁹ 16 Jan 2002, Task Force approves \$85,000 for each Federal agency (except COE) for participation in LCA/Coast 2050 studies and collocation.
Previous budget was \$45,795, revised budget is \$351,200, an increase of \$305,405. This task is a supplemental activity in each agency's General Planning budget.
- ³⁰ 2 Apr 02: LADNR requested \$64,000 be transferred from its General Planning budget to LUMCON for Academic Assistance on the Adaptive Management supplemental task.
- ³¹ 1 May 02: LADNR requested \$1,500 be transferred from their General Planning (activity ER 12010, Prepare Report to Congress) and given to NWRC for creation of a web-ready version of the CWPPRA year 2000 Report to Congress for printing process.
- ³² 16 Jan 2003: Task Force approves LDWF estimate that was not included in originally approved budget.
- ³³ 4 May 2005: Task Force approves additional \$164,024 funding under General Planning for Programmatic Assessment and Vision task; +\$48,840 (COE); +\$86,938 (NWRC); +\$21,670 (NRCS); +\$6,576 (NMFS)
- ^{33a} 24 Aug 2006: Scott Wilson requests reduction of \$37,000 from the \$86,938 for the Programmatic Assessment; \$45,000 was given for printing but only \$8,000 used.
- ³⁴ 25 Jan 2006: FY2006 budget, \$98,250 for Report to Congress item added to approved budget
- ³⁵ 28 July 2005: Scott Wilson e-mail requests reduction of \$43,113.99 from current \$275,000 FY98 budget.

**Coastal Wetlands Planning, Protection and Restoration Act
Fiscal Year 2008 Budget Refinement**

Activity	P & E Initial Budget 20-Aug-07 Amount (\$) (1)	P & E Recommends to Tech 12-Sep-07 Amount (\$) (2)	Tech Committee Recommends 12-Sep-07 Amount (\$) (3)	Task Force Approves 25-Oct-07 Amount (\$) (4)	Amount (\$) (5)
General Planning & Program Participation (does not include Supplemental Activities)					
State of Louisiana					
DNR	415,736	412,736			
Gov's Ofc	87,500				
LDWF	96,879	96,879			
Total State	600,115	509,615			
EPA	488,269	487,549			
Dept of the Interior					
USFWS	488,196	488,196			
NWRC	63,656	63,656			
USGS Reston					
USGS-B.R.					
USGS-Woods Hole					
NPS					
Total Interior	551,852	551,852			
Dept of Agriculture	597,504	597,504			
Dept of Commerce	609,301	604,981			
Dept of the Army	1,462,596	1,305,578			
Agency Total	\$4,309,637	\$4,057,079			
Complex Studies Funding					
Beneficial Use Sed Trap Below Venice (COE)					
Barataria Barrier Shoreline (NMFS)					
Diversion into Maurepas Swamp (EPA/COE)					
Holly Beach Segmented Breakwaters (DNR)					
Central & Eastern Terrebonne Basin (USFWS)					
Delta Building Diversion Below Empire (COE)					
Total Complex Studies					
Supplemental Tasks					
Academic Advisory Group	103,400	103,400			
Maint of Web-Based Project Reports	63,806	63,806			
Linkage of CWPPRA and LCA					
Core GIS Support for Planning Activities	307,249	307,249			
Oyster Lease Database Maint & Analysis					
Oyster Lease Program Mgmt & Impl					
Joint Training					
Update Landloss Maps					
Storm Recovery Procedures (2 events)					
Land-Water Chg Assessment after 2005					
Oyster Relocation Plan					
Subtotal Supplemental	\$474,455	\$474,455			

**Coastal Wetlands Planning, Protection and Restoration Act
Fiscal Year 2008 Budget Refinement**

Activity	P & E Initial Budget 20-Aug-07 Amount (\$) (1)	P & E Recommends to Tech 12-Sep-07 Amount (\$) (2)	Tech Committee Recommends 12-Sep-07 Amount (\$) (3)	Task Force Approves 25-Oct-07 Amount (\$) (4)	Amount (\$) (5)
Outreach					
Outreach Committee	402,125	398,670			
Agency Participation: USACE	6,600	6,600			
Agency Participation: USFWS	3,300	3,300			
Agency Participation: NWRRC	3,300	3,300			
Agency Participation: DNR	6,600	6,600			
Agency Participation: Ofc of Gov	6,600				
Agency Participation: EPA	6,600	6,600			
Agency Participation: NRCS	6,600	6,600			
Agency Participation: NMFS	6,600	6,600			
Agency Administration: NWRRC	26,200	26,200			
Dedications Support (no helicopters)					
Helicopter Overflights for Special events (no dedications)					
Outreach Committee Operations Budget:					
Outreach Coordinator - Gabrielle Bodin					
Watermarks					
LaCoast Internet Home Page					
Outreach Assistant/Interpretive Specialist					
Printing, Video, & Graphics Support					
Conference/Exhibit Support					
Travel					
Product Reproduction					
Contractual Support for Outreach Dist					
Awareness Poster Development (COE)					
Broadcast Quality B-roll Aerial Video					
Project Sign Development (NRCS)					
Contract Writer (USGS)					
New Initiative-Science of Rest Video/CD					
New Initiative-					
New Initiative-					
and Values CD					
Subtotal - Outreach	\$474,525	\$464,470			
Total Allocated	\$5,258,617	\$4,996,004			
Unallocated Balance	(258,617)	3,996	5,000,000	5,000,000	5,000,000
Total Unallocated	667,058	929,671	5,925,675	5,925,675	5,925,675
(Carry In = \$925,674.71)					
	\$925,675				

SCOPE OF SERVICES

**University Scientists Assistance to the
Louisiana Coastal Conservation and Restoration Task Force (PPL18)
Louisiana Universities Marine Consortium, Cocodrie, Louisiana**

1. Project Management

The Project Manager for this project is Dr. Jenneke M. Visser, who will be subcontracted through Louisiana State University. The Project Manager's duties have been divided over the following subtasks:

1a. Day-to-day operation

The Project Manager will facilitate execution of the main contract; draft subcontracts to Louisiana universities for implementation by LUMCON Grants and Contracts personnel; approve all spending, including subcontract invoices; and act as a single point of contact for the Task Force, the Scientific Steering Committee, subcontractors, and the broader academic community.

1b. Participation in Task Force activities

The Project Manager will attend all Task Force, Technical Committee, and Planning and Evaluation Subcommittee meetings.

1c. Solicitation of Interest

If necessary due to resignation of existing AAG group members, a solicitation will be developed by the Project Manager and approved by the CWPPRA Academic Assistance Subcommittee. It will describe the types of activities in which university scientist participation is expected (Regional Planning Teams and Environmental Workgroup). The solicitation will describe the selection process, including the minimum selection criteria for each task, and contracting arrangement. To ensure that those from the university community involved in the CWPPRA process are active wetland scientists aware of contemporary research in their field, the Scientific Steering Committee has developed the following selection criteria. Selected scientists should have a Ph.D. or MSc. and five years of research experience in wetlands/river/coastal-related issues and at least one of the following:

- at least two peer-reviewed publications on wetlands/river/coastal-related issues within the last five years
- at least four presentations at national or international meetings on wetlands/river/coastal-related issues within the last five years
- current grants and/or contracts to conduct research on wetlands/river/coastal-related issues which have been awarded through a peer-review process

The solicitation will include an information sheet. This information sheet will be used to indicate the activities that a scientist wants to participate in and the nature of their availability. A two page CV for each interested scientist will be requested in the solicitation. The solicitation will be sent to all scientists currently in the Academic Assistance database, as well as heads of all biology, geology, and civil engineering departments at Louisiana state universities. A copy of the solicitation will also be provided to all members of the Planning and Evaluation Subcommittee and Technical

Committee who may distribute it to any Louisiana state university scientists they wish to ensure are contacted. The deadline for response will be at least two weeks after mailing.

1d. Selection of participating scientists

The Project manager will conduct a preliminary screening of the responses to determine which respondents are currently available for consideration. If sufficient qualified scientists can be identified, the Project Manager will provide the Academic Assistance Subcommittee with a list for consideration which exceeds the number of scientists required by no more than 50%. The Academic Assistance Subcommittee will make the final selection of scientists.

2. Regional Planning Team Assistance

There are four regional planning teams (RPT). These RPTs select projects for nomination on the priority project list. One selected scientist, who has broad familiarity with the region, will be assigned to each RPT. RPT meetings will also be attended by the Project Manager or a designated replacement to provide consistency in assistance to all four regions. The role of the selected ecologist and the Project Manager are to provide the RPTs with the scientific background for any planning activities within the region.
Appropriate Fields of Expertise: Wetland Ecology.

3. Environmental Work Group Assistance

Three scientists will be selected for this task. The role of the selected scientists is to provide advice and assistance to the Task Force personnel and become part of the Wetland Value Assessment (WVA) team. The WVA team will visit each site in the field. Task Force agencies will generally provide boat transportation to field sites. Aspects of the projects will be discussed in the field, and a formal WVA analysis will be conducted by the team after the field visits.
Appropriate Fields of Expertise: Wetland Ecology, Coastal Geomorphology, and Wetland Hydrology.

Current Active Members of the Academic Advisory Group:

Project Management:	Dr. Jenneke Visser
Regional Planning Team 1	Dr. Gary Shaffer
Regional Planning Team 2	Dr. Charles Sasser
Regional Planning Team 3	Dr. Mark Hester
Regional Planning Team 4	Mr. Erick Swenson
Environmental Workgroup	Dr. Larry Rouse
	Dr. Mark Hester
	Mr. Erick Swenson

Academic Advisory Group Budget

Project Management	30,000
Regional Planning Team Assistance	16,000
Environmental Workgroup Assistance	48,000
Subtotal	94,000
<u>LUMCON overhead (10%)</u>	<u>9,400</u>
Total	103,400

SPE 18200 - Maintenance of Web-Based Project Reports and Website Project Fact Sheets



United States Department of the Interior
U.S. GEOLOGICAL SURVEY

National Wetlands Research Center

August 6, 2007

CWPPRA FY08 Planning Task: CWPPRA Web-Based Project Information System Maintenance (Fact sheet Links projects)

Background:

The CWPPRA is a large interagency program that depends on current and accurate information for project planning and public interaction. To assist in coordinating and compiling information, CWPPRA has developed a real-time, interactive, internet-based data management system. The Task Force funded an effort to initiate a web-based information management system to provide a consistent and comprehensive mechanism to disseminate current programmatic information. This effort was in response to conflicting information that was being disseminated from different databases and fact sheets that were either not current or accurate. Development of the web-based management system is working with the following programmatic databases: CWPPRA Outreach Committee's standardized public project fact sheets, CWPPRA budget analyst reports and databases, the WVA working group spreadsheets, and the USGS CWPPRA project mapping effort. The net result has been a totally standardized real-time updated system that will be available to all interested parties.

The USGS is requesting funds to maintain the overall system, and develop new automated programmatic fact sheet reports, as needed

Cost: \$45,200

CWPPRA FY 08 Planning Budget

CWPPRA Planning Task (SPE 18200)

Maintenance of Web-Based Project Reports and Website Project Fact Sheets
(Corps of Engineers)

August 2007

Description:

The CWPPRA program maintains and utilizes current project information for interagency and public use and information. The system currently in place links together the CWPPRA general public fact sheet information, project manager's quarterly updates, CWPPRA reports and the financial system maintained by the Corps.

The Corps is requesting funds to continue to furnish and insure that project information is current and interactive with the USGS database and the project manager updates, and to create requested reports on the internet-based system.

TASK	DESCRIPTION	COST
SPE 18200	Maintenance of Web-based Project Reports and Website Fact Sheets	\$ 3,998

CWPPRA FY 08 Planning Budget
SPE 18200 Maintenance of Web-Based Project Reports and Website Project Fact Sheets

Louisiana Department of Natural Resources Justification

Description:

The Louisiana Department of Natural Resources (LDNR) generates a large number of reports through their activities performed in support of the CWPPRA program. CWPPRA related documents that are generated by the LDNR include project close-out reports, comprehensive monitoring reports, ecological reviews, monitoring plans, progress reports, and summary data and graphic reports. Moreover, the LDNR maintains a web-based searchable database for these reports that is both available to the CWPPRA community from the LDNR website and is linked to the CWPPRA website. These documents can be viewed on-line and downloaded in Adobe Acrobat PDF format.

The LDNR is requesting funds to continue to furnish CWPPRA documents produced by the Department in a format that is conducive to on-line availability and to maintain this availability through links on the LDNR website and through coordination with the CWPPRA website.

TASK	DESCRIPTION	COST
SPE 18200	Maintenance of Web-based Project Reports and Website Fact Sheets	\$ 14,608

SPE 18400 - Core GIS Support for CWPPRA Task Force Planning Activities [NWRC]



United States Department of the Interior
U.S. GEOLOGICAL SURVEY

National Wetlands Research Center

August 6, 2007

CWPPRA Reoccurring Planning Task: *Core GIS Support for CWPPRA Task Force Planning Activities – Continuation for FY08*

Description:

The NWRC has provided the Task Force with GIS planning support since 1992. The scope and complexity of this support has increased over the past 15 years and has resulted in the development of a comprehensive GIS that provides the Task Force with annual planning deliverables that include spatial data sets, spatial data analyses, maps, graphics, and technical support. Providing these products and services to the Task Force requires a standardized GIS data management environment and a good deal of coordination with Task Force members. The GIS products and technical services provided by the NWRC for CWPPRA Planning are, for the most part “reusable”, designed to support multi-scale applications, and form the core of the GIS data sets used to support CWPPRA monitoring, land rights, and engineering activities. The system that we have today represents 17 years of the Task Force’s investment in GIS technology, data development, and skilled staff. The NWRC continues to incorporate updated data sets and spatial analytical techniques to support the task force on an annual basis. The existing GIS now utilizes data sets created for the LCA Study, providing enhanced spatial data development, analyses and products. A large amount of spatial data has been created to monitor post-hurricane recovery. The NWRC has continued to incorporate available after hurricanes spatial data into the FY07 PPL process and will continue to incorporate new data as required to assist the Task Force.

The NWRC requests reauthorization of the Core GIS Support Task for FY08.

Core NWRC GIS support for FY08

Task	Description	Cost
SPE 18400	Continuation of Core GIS Support for CWPPRA Task Force Planning Activities.	\$296,000

Benefits:

- < Identifies core CWPPRA Planning GIS support as one reoccurring item, rather than splitting support among various technology or map initiatives introduced on an annual basis.
- < Insures continued spatial data maintenance, management, and coordination for Task Force.
- < Insures incorporation of new spatial data sets and technologies for Task Force.
 - o Examples
 - Provide more detailed PPL project analyses incorporating a wider variety of data types.
 - Provide interactive GIS support at pertinent meetings.

Deliverables:

Annual continued core CWPPRA Planning GIS support and products (data, technical support, data coordination, data distribution, and hard copy products) at present levels.

**SPE 18400 - Core GIS Support for CWPPRA Task Force Planning Activities
[LDNR]**

Description

A detailed description of the CWPPRA Planning Task *SPE 18400 - Core GIS Support for CWPPRA Task Force Planning Activities* has been explained previously in the justification for National Wetlands Research Center (NWRC) activities in support of this task. The Louisiana Department of Natural Resources, Coastal Restoration Division's (LDNR) use of the SPE 18400 CWPPRA Planning Task Code pertains to administration and management of the contract between the NWRC and the LDNR to carry out activities performed under this task.

FY 2008 Budget Request

Administration and management of the contract between the NWRC and the LDNR includes writing the actual contract document, reviewing NWRC charges for accuracy, processing invoices, and tracking expenditures. Specifically included are salaries for the LDNR contract manager and support staff in the contracts section. The FY 2008 CWPPRA Planning budget request is for \$10,955.00.

Benefit to CWPPRA

As stated above, a detailed description of the benefits to CWPPRA of the CWPPRA Planning Task *SPE 18400 - Core GIS Support for CWPPRA Task Force Planning Activities* has been explained previously in the justification for NWRC activities in support of this CWPPRA Planning Task.

Contact

William K. "Kirk" Rhinehart, Louisiana Department of Natural Resources, Coastal Restoration Division, (225) 342-2179.

Gallagher, Anne E MVN-Contractor

From: Goodman, Melanie L MVN
Sent: Tuesday, August 28, 2007 1:39 PM
To: Gallagher, Anne E MVN-Contractor
Subject: FW: CWPPRA FY 08 Planning Budget

Attachments: (5)FY08_CWPPRA Budget Pkg_Agency Budgets_20 August 2007 for TC Meeting.xls; POC FY08 budget; CWPPRA FY08 Planning Budget Prospectuses 14-Aug-2007.doc



(5)FY08_CWPPRA Budget Pkg_Agen...
POC FY08 budget
CWPPRA FY08 Planning Budget Pr..

Ann, please include the below email, the three workbooks in the attached excel file, the attached word file and the attached email with attachments as binder material for agenda Item 2 for the Sept 12 Tech Meeting. Don't put any of these items in the public binder.

Thanks,

Melanie

-----Original Message-----

From: Goodman, Melanie L MVN
Sent: Tuesday, August 21, 2007 4:25 PM
To: Goodman, Melanie L MVN; 'john.jurgensen@la.usda.gov'; 'kevin_roy@fws.gov'; 'rachel.sweeney@noaa.gov'; 'daniell@dnr.state.la.us'; 'Landers.Timothy@epamail.epa.gov'
Cc: Browning, Gay B MVN; 'comvss@lsu.edu'; 'finley_h@wlf.state.la.us'; 'scott_wilson@usgs.gov'; 'Deetra Washington'; (john_barras@usgs.gov)
Subject: RE: CWPPRA FY 08 Planning Budget

All, please see attached the revised CWPPRA FY 08 Planning Budget based on P&E Subcommittee discussions and consensus on budget decisions during yesterday's meeting, which are outlined as follows:

1. Line Item PM18300, removed all agency budget recommendations for report to congress.
2. Recommend eliminating the Governor's Office FY08 budget entirely. The P&E Subcommittee's rationale for this recommendation is that the Governor's Office annual budgets for FY05, FY06 and FY07 were \$92,000, \$87,500, and \$86,500, respectively (not including \$18,800 for Outreach in those same years). In those three years, the Governor's Office only expended \$28,181 in FY06. The P&E Subcommittee agreed that based on the Governor's Office lack of use of budgeted funds over the last three fiscal years demonstrates an apparent lack of need for CWPPRA Planning funds. Accordingly, the P&E strongly recommends that the unexpended FY05 and FY06 Governor's Office budgeted funds be returned to the planning program in December 2007 and that unexpended FY07 funds be used for any of their CWPPRA Planning needs in FY08.
3. The Corps of Engineers recommended budget total of \$1,462,596 (not including Outreach) was approximately a 16% increase from the approved FY07 Budget. After much deliberation, the P&E Subcommittee agreed that the maximum budget increase for any agency would be capped at 4.0% of their FY07 budget. Accordingly, the Corps reduced their proposed budget to \$1,309,576 (not including Outreach), which is a 4% increase from the approved FY07 budget.

Also, attached are the prospectuses. One minor correction was made on Page 4, CWPPRA Planning Task SPE 18200, in table on page, task was identified as SPE 17200, and was corrected to SPE 18200.

Let me know if you see any errors in the attached or if I left inadvertently omitted anything that we agreed to.

Thanks everyone for your hard work yesterday.

Melanie
504-862-1940

-----Original Message-----

From: Goodman, Melanie L MVN
Sent: Tuesday, July 17, 2007 3:34 PM
To: Goodman, Melanie L MVN; 'john.jurgensen@la.usda.gov'; 'kevin_roy@fws.gov'; 'rachel.sweeney@noaa.gov'; 'daniell@dnr.state.la.us'; 'Landers.Timothy@epamail.epa.gov'
Cc: Browning, Gay B MVN; 'comvss@lsu.edu'; 'finley_h@wlf.state.la.us'; 'scott_wilson@usgs.gov'; 'gabrielle_bodin@usgs.gov'; 'Deetra Washington'
Subject: RE: CWPPRA FY 08 Planning Budget

Revision/clarification to the below request:

Please submit your recommended changes to the template by July 27.

I will resubmit a final template by July 31 and will ask that you provide your agency's budget recommendations and prospectuses for any proposed supplemental tasks by August 7.

The face-to-face meeting is scheduled for Monday, August 20, 2007 at the LDNR LaSalle Building, Room 1026, starting at 9:30 am.

Thanks,

Melanie

-----Original Message-----

From: Goodman, Melanie L MVN
Sent: Friday, July 06, 2007 1:48 PM
To: Goodman, Melanie L MVN; 'john.jurgensen@la.usda.gov'; 'kevin_roy@fws.gov'; 'rachel.sweeney@noaa.gov'; 'daniell@dnr.state.la.us'; 'Landers.Timothy@epamail.epa.gov'
Cc: Browning, Gay B MVN; 'comvss@lsu.edu'; 'finley_h@wlf.state.la.us'; 'scott_wilson@usgs.gov'; 'gabrielle_bodin@usgs.gov'; 'Deetra Washington'; LeBlanc, Julie Z MVN
Subject: RE: CWPPRA FY 08 Planning Budget

P&E Subcommittee, the CWPPRA FY 08 Planning Budget spreadsheet template is attached with the following changes:

- 1) PPL 18 Tasks and Analysis of Candidates: Updated dates for PPL 18 planning according to Task Force approved schedule
- 2) Project and Program Management Tasks: reduced the number of Technical committee and Task Force meetings for reasons stated above.

Please review and provide any corrections to the template and/or your agency budget recommendations by July 27, 2007.

Thanks,

Melanie

-----Original Message-----

From: Goodman, Melanie L MVN
Sent: Monday, July 02, 2007 12:53 PM
To: Goodman, Melanie L MVN; 'john.jurgensen@la.usda.gov'; 'kevin_roy@fws.gov'; 'rachel.sweeney@noaa.gov'; 'daniell@dnr.state.la.us'; 'Landers.Timothy@epamail.epa.gov'
Cc: Browning, Gay B MVN; 'comvss@lsu.edu'; 'finley_h@wlf.state.la.us'; 'scott_wilson@usgs.gov'; 'gabrielle_bodin@usgs.gov'; 'Deetra Washington'; LeBlanc, Julie Z MVN
Subject: CWPPRA FY 08 Planning Budget

P&E Subcommittee:

At the 30 May 07 Technical Committee meeting, the P&E Subcommittee was tasked with

drafting the FY08 Planning Budget in time to recommend approval to the Technical Committee at their 12 Sep 07 meeting (for subsequent approval by the Task Force on 17 Oct 06). The Corps will email the revised budget spreadsheet template by Friday, July 6, 2007 for agencies/workgroups/advisory boards to use for their proposed FY08 budgets.

In the meantime, by Tuesday, 10 July, 2007, please send me the dates you are available between August 13th and 24th so we can schedule a face-to-face meeting to go over budget items, schedules and costs.

Thanks,

Melanie Goodman
Acting P&E Subcommittee Chairman
U. S. Army Corps of Engineers
(504) 862-1940

**DRAFT FY 2008 TOTAL OUTREACH BUDGET -
Recommendation to Task Force**

Personnel

Agencies	Meeting	Review	Admin	Implementation
NMFS	3,300	3,300		6,600
NRCS	3,300	3,300		6,600
EPA	3,300	3,300		6,600
GOV	0	0		0
DNR	3,300	3,300		6,600
FWS	0	3,300		3,300
NWRC	3,300	0	26,200	29,500
COE	3,300	3,300		6,600
Total Agency Request				65,800
Operations Budget (from page 2)				398,670
Total CWPPRA Outreach Budget Request				464,470

FY 2008 DRAFT PUBLIC OUTREACH COMMITTEE BUDGET
Recommendation to Task Force

Operations	Proposed
<u>Description</u>	<u>FY2008</u>
Outreach Coordinator	102,390
Watermarks Newsletter Contract	87,500
LaCoast Internet Home Page	55,000
Outreach Assistant / Educational Specialist - Breaux Act Newsflash, event assistance, Distribution, Teacher	73,735
Dedications support (printing, Printing, Video, and Graphics Support	4,000
	4,000
Conference /Exhibit Support - Display/Registration	9,000
Travel - National / Regional	10,000
CWPPRA Product Reproduction (video, CD-ROMS, fact sheets, slide shows, PowerPoint presentation, posters, brochures, etc)	25,000
Contractual Support for Outreach Distribution (student worker 14.5k and 7k for bulk mailing)	21,500
Contract Writer Support	6,545
Operations Budget	398,670

Gallagher, Anne E MVN-Contractor

From: Scott Wilson [scott_wilson@usgs.gov]
Sent: Tuesday, August 28, 2007 11:05 AM
To: Goodman, Melanie L MVN
Cc: Browning, Gay B MVN
Subject: POC FY08 budget

Attachments: Draft FY2008 Draft Outreach Budget approved by OC v1.pdf



Draft FY2008 Draft
Outreach Bu...

Melanie,

Attached is the recommended Public Outreach Committee Budget for FY08. The amount was reduced as discussed at the P&E and was approved by the POC last week.

Let me know if you need anything else.

/scott

Scott Wilson, Ph.D.
Interim Chief, Spatial Analysis Branch
USGS - National Wetlands Research Center 700 Cajundome Blvd Lafayette, LA 70506
(337) 266-8644

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

September 12, 2007

**REQUESTS FOR FUNDING FOR ADMINISTRATIVE COSTS FOR THOSE
PROJECTS BEYOND INCREMENT 1 FUNDING**

For Decision:

The U.S. Army Corps of Engineers will request funding approval in the amount of \$17,119 for administrative costs for those projects beyond Increment 1 funding. The Technical Committee will vote to make a recommendation to the Task Force on the request for funds.

CWPPRA Cash Flow Management - COE Admin**Anticipated Funding Requests by Fiscal Year**

Last Updated 18 August 2007

Funding Request for 25 October 2007 Task Force Meeting Request = 17,119

Proj #	Project Name	Agency	PPL	Funding Request
PO-27	Chandeleur Island Restoration	NMFS	9	
TE-41	Mandalay Bank Protection Demo	USFWS	9	
MR-11	Periodic Intro of Sed & Nutrients Demo	COE	9	
TE-37	New Cut Dune Restoration	EPA	9	1,278
CS-30	Perry Ridge West	NRCS	9	927
TE-45	Terrebonne Bay Shore Protection Demo	USFWS	10	
CS-31	Holly Beach	NRCS	11	
BA-27c(1)	Barataria Basin Landbridge - Ph 3 CU 3	NRCS	9	898
LA-03b	Coastwide Nutria	NRCS	11	
BS-11	Delta Management at Fort St. Philip	USFWS	10	911
ME-19	Grand-White Lake Landbridge Protection	USFWS	10	911
TE-44(1)	North Lake Mechant Landbridge - CU 1	USFWS	10	
BA-27c(2)	Barataria Basin Landbridge - Ph 3 CU 4	NRCS	9	
TV-18	Four-Mile Canal	NMFS	9	869
LA-05	Freshwater Floating Marsh Creation Demo	NRCS	12	
TE-40	Timbalier Island Dune/Marsh Restoration	EPA	9	869
CS-29	Black Bayou Bypass Culverts	NRCS	9	841
CS-32(1)	East Sabine Lake Hydrologic Rest- CU 1	USFWS/NRCS	10	940
BA-37	Little Lake	NMFS	11	968
BA-38	Barataria Barrier Island	NMFS	11	734
BA-27d	Barataria Basin Landbridge - Ph 4 CU 6	NRCS	11	938
LA-06	Shoreline Prot Foundation Imprvts Demo	COE	13	
	CRMS	USGS/DNR		
ME-16	Freshwater Intro. South of Hwy 82	USFWS	9	789
TE-44(2)	North Lake Mechant Landbridge Rest - CU 2	USFWS	10	789
TE-48 (1)	Racoon Island Shoreline Protection - CU 1	NRCS	11	789
ME-22	South White Lake	COE	12	1,187
PO-30	Lake Borgne Shoreline Protection	EPA	10	792
BA-35	Pass Chalard to Grand Pass	NMFS	11	836
TE-46	West Lake Boudreaux SP & MC	USFWS	11	853
				17,119

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

September 12, 2007

REQUEST FOR OPERATION AND MAINTENANCE (O&M) INCREMENTAL FUNDING

For Decision:

The Technical Committee will consider and vote to make a recommendation to the Task for on the request for total O&M funding of \$3,368,508 required in FY08.

- a. PPL 1-8 Projects requesting funding increases in the amount of \$1,070,503.
 1. Cameron-Creole Maintenance (CS-04a), PPL-3, NRCS
Requested increase in O&M Budget for 2008 through 2010 = \$174,928
 2. Cameron-Creole Plugs (CS-17), PPL-1, USFWS
Requested increase in O&M Budget for 2008 through 2010 = \$47,897
 3. East Mud Lake Marsh Management (CS-20), PPL-2, NRCS
Requested increase in O&M Budget for 2008 through 2010 = \$640,831
 4. Highway 384 Hydrologic Restoration (CS-21), PPL-2, NRCS
Requested increase in O&M Budget for 2008 through 2010 = \$153,339
 5. Black Bayou Hydrologic Restoration (CS-27), PPL-6, NMFS
Requested increase in O&M Budget for 2008 through 2010 = \$53,508
- b. PPL 9+ Projects requesting funding of O&M costs beyond Increment 1 funding in the amount of \$2,298,005.
 1. Barataria Basin Landbridge Shoreline Protection – Phase 3 (BA-27c), PPL-9, NRCS
Requested increase in O&M Budget for 2008 through 2010 = \$21,200
Note: This funding request is within the original baseline estimate for Years 1 through 9.
 2. Coastwide Nutria Control Program (LA-03b), PPL-11, NRCS
Requested increase in O&M Budget for 2007 through 2009 = \$2,276,805
Note: This funding request is within the original baseline estimate for Years 1 through 6.

O & M Requests for PPL 1-8 Projects

PPL	Request Date	Status	Construction Completion	Proj No.	Project	Const Cost	O & M Estimates			Time Frame	Revised Current With Increase	Future Estimate	Future Time Frame
							Original	Current	Increase				
PPL 6	25-Oct-07	Pending	Dec-01	CS-27	Black Bayou Hydrologic Ret	\$3,763,245	\$409,465	\$592,986	\$53,508	2008 - 2010	\$646,494	\$316,270	2011 - 2121
PPL 2	8-Jun-00	Approved	Jun-02	BS-03a	Caernarvon	\$2,128,665	\$94,223	\$94,223	\$951,712		\$1,045,935		
	2-Feb-05	Approved	Jun-02	BS-03a	Caernarvon				\$126,832		\$1,172,767		
PPL 3	18-Oct-06	Approved	O&M Proj	CS-04a	Cameron-Creole Maint		\$3,719,926	\$3,736,718	\$2,103,787	2007 - 2009	\$5,840,505	\$731,014	
	14-Jun-07	Approved	O&M Proj	CS-04a	Cameron-Creole Maint				\$500,000		\$6,340,505		
	25-Oct-07	Pending	O&M Proj	CS-04a	Cameron-Creole Maint				\$174,928	2008 - 2010	\$6,515,433	\$674,046	2011 - 2017
PPL 1	25-Oct-07	Pending	Jan-97	CS-17	Cameron Creole Plugs	\$345,381	\$92,953	\$198,245	\$47,897	2008 - 2010	\$246,142	\$121,937	2011 - 2016
PPL 6	26-Jun-03	Approved	Nov-01	TV-16	Chenier au Tigre	\$457,388	\$28,500	\$4,100	\$18,875		\$22,975		
	2-Apr-04	Approved	Nov-01	TV-16	Chenier au Tigre				\$1,827		\$24,802		
PPL 3	2-Nov-05	Approved	Dec-98	TV-04	Cote Blanche	\$4,128,061	\$386,790	\$649,224	\$1,859,116	2006-2008	\$2,508,340	\$571,000	2009 - 2019
PPL 2	28-Jan-04	Approved	Aug-98	ME-04	Freshwater Bayou	\$1,682,077	\$632,201	\$752,457	\$506,109	None	\$1,258,566		
PPL 2	25-Oct-07	Pending	Jan-00	CS-21	Hwy 384	\$163,278	\$149,454	\$345,898	\$153,339	2008 - 2010	\$499,237	\$313,494	2011 - 2019
PPL 3	Pending	Approved	May-99	TE-26	Lake Chapeau	\$3,602,934	\$0	\$429,720	\$225,869	2007-2009	\$655,589	\$549,966	
PPL 3	28-Mar-01	Approved	Jun-98	BA-15	Lake Salvador	\$2,058,356	\$280,282	\$106,322	\$253,250		\$359,572		
			Jun-98	BA-15	Lake Salvador				(\$68,117)		\$291,455		
PPL 6	5-Dec-00	Approved	Dec-01	TV-14	Marsh Island	\$3,166,582	\$151,479	\$145,447	\$554,553		\$700,000		
PPL 2	13-Oct-04	Approved	Jun-96	CS-20	Mud Lake	\$1,150,868	\$382,306	\$603,955	\$720,000	one-time cost	\$1,323,955		
	25-Oct-07	Pending		CS-20	Mud Lake				\$640,831	2008 - 2010	\$1,964,786	\$205,903	2011 - 2015
PPL 2	13-Oct-04	Approved	May-97	TE-22	Point au Fer	\$2,062,750	\$0	\$449,429	\$215,000	one-time cost	\$664,429		
	27-Jul-05	Approved	May-97	TE-22	Point au Fer				\$165,000	2005-2007	\$829,429		
PPL 5	27-Jun-03	Approved	Jul-97	TE-29	Raccoon Island Breakwater	1,373,569	\$24,464	\$21,749	\$7,285		\$29,034		
PPL 1	5-Dec-00	Approved	Nov-03	MR-03	West Bay	\$4,801,152	\$4,466,403	\$9,955,452	\$5,187,456		\$15,142,908		

**Request for CWPPRA Project O&M Funding Increase
Project Costs and Benefits Reevaluation
Fact Sheet
September 12, 2007**

Project Name: Cameron-Creole Maintenance Project (CS-04a)

PPL: 3

Federal Sponsor: NRCS

Construction Completion Date: July 1998

Projected Project Close-out Date: July 2017

Project Description: Establishment of a fund to provide for the maintenance of the Cameron-Creole Watershed for the next 20 years.

Construction changes from the approved project: No changes.

Explain why O&M funding increase is needed: All five of the structures sustained damage from Hurricane RITA in 2005. Also, breaches were created in the levee system near four of the structures.

Detail O&M work conducted to date: Grouted cracks in the concrete on the structures, placed rock along inlet and outlet channels at the structures, replaced stems damaged by vandalism, sandblast and paint all gear drives and pedestals, replace stem covers, place bird excluder devices, install new generator equipment, and miscellaneous structure maintenance. This work was completed in 2004/2005 under two separate construction contracts.

Detail and date of next O&M work to be completed: Contracts have been awarded to repair all five of the control structures and close the four breaches in the levee system. Estimated completion date is November 2007 for structure repairs and March 2008 for the breach closures.

Detail of future O&M work to be completed: Anticipate need for maintenance of the pedestals and actuators, generator equipment, gate stems, and placement of rock armor around the structures in 2013. Also, future repairs of the remaining 19 miles of levee system are required, pending a FEMA claim for Hurricane RITA damages.

Originally approved fully funded project cost estimate: 3,720,000

Originally approved O&M budget: \$3,720,000

Approved O&M Budget Increases (1999, 2006, 2007): \$2,620,505

Total O&M obligations to date: \$1,424,222

Remaining available O&M budget funds: \$4,916,283

Current Incremental Funding Request: \$174,928

Revised fully funded cost estimate: \$7,189,479

Total Project Life Budget Increase: \$848,974

Requested Revised fully funded O&M): \$7,189,479

Percent total project cost increase of proposed revised budget over original budget: 93.27%

Percent total project cost increase of proposed revised budget over original budget plus net budget changes: 13.39%

Original net benefits based on WVA prepared when project was approved: 2,602 acres

Estimate of cumulative project wetland acres to date (from quantitative and/or qualitative analysis): 2,602 acres

Revised estimate of project benefits in net acres through 20 year project life based on the project with and without continued O&M (include description of method used to determine estimate): No anticipated change in estimated net benefits, project is performing as expected.

Original and revised cost effectiveness (cost/net acre) and percent change:

Original CE = \$1,430/acre
Revised CE = \$2,763/acre 93.27%

Original plus net budget changes and revised cost effectiveness (cost/net acre) and percent change:

Original CE = \$2,437/acre
Revised CE = \$2,763/acre 13.39%

CWPPRA Project O&M Budget Adjustment Template

Project Name: Cameron-Creole Maintenance CS-04a
 PPL: 3
 Project Sponsor: NRCS

Prepared By: LDNR
 Date Prepared: 9/12/2007
 Date Revised:

Approved Original Base Line (includes TF approved increase from Jan 1999)					Obligations to Date				Proposed Revised Estimate and Schedule*			
Year	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	O&M & State Insp.	Corps Admin	Fed S&A & Insp
-0	1998	\$59,124	\$0	\$0	1998	\$0	\$0	\$0	1998	\$0	\$0	\$0
-1	1999	\$59,241	\$0	\$0	1999	\$0	\$0	\$0	1999	\$0	\$0	\$0
-2	2000	\$59,362	\$0	\$0	2000	\$0	\$0	\$0	2000	\$0	\$0	\$0
-3	2001	\$768,423	\$0	\$0	2001	\$0	\$0	\$0	2001	\$0	\$0	\$0
-4	2002	\$59,614	\$0	\$0	2002	\$0	\$0	\$0	2002	\$0	\$0	\$0
-5	2003	\$59,746	\$0	\$0	2003	\$0	\$0	\$0	2003	\$0	\$0	\$0
-6	2004	\$59,882	\$0	\$0	2004	\$0	\$0	\$0	2004	\$0	\$0	\$0
-7	2005	\$60,022	\$0	\$0	2005	\$249,469	\$0	\$720,847	2005	\$249,469	\$0	\$720,847
-8	2006	\$944,563	\$0	\$0	2006	\$277,545	\$0	\$0	2006	\$277,545	\$0	\$0
-9	2007	\$60,462	\$0	\$0	2007	\$174,895	\$0	\$1,466	2007	\$174,895	\$0	\$1,466
-10	2008	\$60,619	\$0	\$0	2008	\$0	\$0	\$0	2008	\$5,065,884	\$0	\$2,981
-11	2009	\$60,782	\$0	\$0	2009	\$0	\$0	\$0	2009	\$8,053	\$0	\$3,053
-12	2010	\$60,949	\$0	\$0	2010	\$0	\$0	\$0	2010	\$8,120	\$0	\$3,120
-13	2011	\$993,286	\$0	\$0	2011	\$0	\$0	\$0	2011	\$8,185	\$0	\$3,185
-14	2012	\$61,298	\$0	\$0	2012	\$0	\$0	\$0	2012	\$8,249	\$0	\$3,249
-15	2013	\$61,480	\$0	\$0	2013	\$0	\$0	\$0	2013	\$600,000	\$0	\$3,314
-16	2014	\$61,668	\$0	\$0	2014	\$0	\$0	\$0	2014	\$8,380	\$0	\$3,380
-17	2015	\$61,862	\$0	\$0	2015	\$0	\$0	\$0	2015	\$8,448	\$0	\$3,448
-18	2016	\$62,062	\$0	\$0	2016	\$0	\$0	\$0	2016	\$8,517	\$0	\$3,517
-19	2017	\$62,273	\$0	\$0	2017	\$0	\$0	\$0	2017	\$8,587	\$0	\$3,587
Total		\$3,736,718	\$0	\$0		\$701,909	\$0	\$722,313		\$6,434,332	\$0	\$755,147

*Note: The Proposed Revised Estimate does not include a pending FEMA claim for \$4,800,000 to repair Hurricane RITA damages to the 19 miles of levee system.

SUMMARY:

Benefits:

Original Net Acres	Revised Net Acres
2,602	2,602

Approved O&M Budget vs Obligations to Date: Increment Years -0 through -9

Funding Category	Approved Original O&M Baseline	O&M Obligations to Date	Difference
State O&M & Insp.	\$2,190,439	\$701,909	\$1,488,530
Corps Admin	\$0	\$0	\$0
Fed S&A & Insp	\$0	\$722,313	(\$722,313)
Totals	\$2,190,439	\$1,424,222	\$766,217

Current Request:

Current Increment Funding Request Year	Proposed Revised Estimate	Remaining Available O&M Budget	Current Funding Request Amount
Year -10	\$5,068,865		
Year -11	\$11,106		
Year -12	\$11,240		
Totals**	\$5,091,211	\$4,916,283	\$174,928

(*Note: This total has been reduced by \$283,391 to reflect obligated FEMA funding for structures).

Approved Budgeted O&M Funds less O&M Obligations to Date

	Total Approved O&M	O&M Obligations to Date	Remaining Available O&M Budget
1999 App. Budget	\$3,736,718		
2006 Funding Incr.	\$2,103,787		
2007 Funding Incr.	\$500,000		
Totals	\$6,340,505	\$1,424,222	\$4,916,283

Original Approved vs Proposed Revised Fully Funded Estimates:

Original Fully Funded Baseline Estimate	Approved Budget Change to O&M (1999, 2006, 2007)	Additional O&M funding required for remaining project life	Requested Revised Fully Funded Estimate
\$3,720,000	\$2,620,505	\$848,974	\$7,189,479

Total Approved Budget less Total Proposed Revised Budget

Funding Category	Current Total	Proposed Revised Total	Difference
State O&M & Insp.	\$6,340,505	\$6,434,332	(\$93,827)
Corps Admin	\$0	\$0	\$0
Fed S&A & Insp	\$0	\$755,147	(\$755,147)
Total	\$6,340,505	\$7,189,479	(\$848,974)

Change in Total Cost and Cost Effectiveness:

As Compared To Original Fully Funded Baseline Estimate	Cost Estimate % Change	Cost Effectiveness	Revised Cost Effectiveness
Approved Fully Funded Baseline Estimate Plus Net Budget Changes	93.27%	\$1,430	\$2,763
	13.39%	\$2,437	\$2,763

Note: 2013 (Year 15 of the project) O&M repairs include (1) sandblasting and painting of all pedestals and actuators (2) repairs/replacement of generator equipment (3) gate stem repairs (4) rock armor around all five of the structures.

**Request for CWPPRA Project O&M Funding Increase
Project Performance Synopsis
September 12, 2007**

Cameron-Creole Maintenance Project (CS-04a)

1988 Cameron- Creole Vegetative Monitoring Report

“Landloss by soil type ... clearly shows that organic and fluid mineral soils (Allemands, Clovelly and Banker mucks) were the most effected, having a sum of 15,390 acres (83.5%) of the 18,431 acres of marsh lost between 1953 and 1990. The organic and fluid mineral soils also showed the most rapid potential for recovery, with 2,628 acres (76.7%) of the 3,428 acres gained between 1990 and 1993... between 1993 and 1998 show a loss in these areas of 7,351 acres (67.0%), however high water makes this comparison questionable... Comparison of the 1993 soil acreage by soil type to the 1978 acreage show conditions to be quite similar. Organic and fluid mineral soils only differed by a total of 1,101 acres of the 1,441 acres within marsh soils. The non-marsh soil difference was only 33 acres providing a total difference of only 1,474 acres. This gives strong support to the ability of marshes to return to previous conditions if the deterioration is not too drastic. As a result of high water levels the results in this report can not validate or negate this hypothesis.” (Cameron-Creole Watershed 1998 Vegetative Monitoring Report. 2003. USDA-NRCS)

“The USDA-SCS 1983 report divided the marshland area into four zones and looked at the land to water ratio within each zone. The USDA-SCS 1993 report showed an initial decrease in erosion rates. This decrease is probably due to the completion of structural measures and a peak of marsh loss that has already occurred.” (Cameron-Creole Watershed 1998 Vegetative Monitoring Report. 2003. USDA-NRCS)

May 2007 Cameron-Creole Advisory Committee

Darryl Clark at the Cameron-Creole Advisory Committee meeting in May 2007 stated that the landloss rate between 1956 and 1976 was 1.1%/yr, meaning that there would be no marsh left after 100 years. From 1976 to 1990 landloss was 0.5%/yr, (would take 200 years to lose all marsh). However, after Cameron-Creole structures were installed the landloss went to 0.12% (4x less than previous rate).

Unfortunately the damage from Hurricane Rita has led Rick Hartman to state at the Cameron-Creole Advisory Committee meeting in May 2007 that currently this marsh is far worse than he has ever seen.

Current Cameron-Creole Monitoring Report (Unpublished - 2007)

The most recent report is still being developed using 2004 imagery and 2003 vegetative transects. Preliminary data indicates that the Cameron-Creole Watershed Project was in the process of returning the marsh to the goals that were set. In 1988 land area was 83,836 ac (74.4%), and by 2003 this had increased to 88,702 ac (78.5%).

Cameron-Creole Project Total Acres

Class	Acres	
	2003	1988
Land	88702.363	83836.361
Water	24287.104	28790.341
Total	112989.467	112626.702

**Request for CWPPRA Project O&M Funding Increase
Project Costs and Benefits Reevaluation
Fact Sheet
September 12, 2007**

Project Name: Cameron-Creole Plugs Project (CS-17)

PPL: 1

Federal Sponsor: USFWS

Construction Completion Date: January 1997

Projected Project Close-out Date: January 2016

Project Description: Two sheet pile plugs with boat bays were installed in the Lakeshore Borrow Canal to moderate water circulation and flow, as well as reduce the duration of inundation in the southern project area.

Construction changes from the approved project: No changes.

Explain why O&M funding increase is needed: Bank erosion is occurring on each end of the sheet pile plug at both structure locations. Vandals have taken the composite timber on one side of the boat guide at the Mangrove structure.

Detail O&M work conducted to date: Replaced all of the handrail system and signage at both structure locations. Install new boat bay guides using marine composite timbers at both structure locations. This work was completed in May 2006.

Detail and date of next O&M work to be completed: Recommend placing 600 tons of rock to pave an approximate 25-50 foot radius around the bank at the ends of each structure and to replace the composite timber at the boat bay guide on the Mangrove structure in February 2008.

Detail of future O&M work to be completed: Anticipate need for maintenance of the handrail system and repair of sheet pile wall on both structures in 2012.

Originally approved fully funded project cost estimate: \$991,295

Originally approved O&M budget: \$198,245

Total O&M obligations to date: \$96,589

Remaining available O&M budget funds: \$101,656

Current Incremental Funding Request: \$47,897

Revised fully funded cost estimate: \$1,161,129

Total Project Life Budget Increase: \$169,834

Requested Revised fully funded O&M estimate (Attachments 1 and 2): \$368,079

Percent total project cost increase of proposed revised budget over original budget: 17.13% including the fully funded O&M budget. The percent increase for the current \$47,897 request is 4.83%.

Original net benefits based on WVA prepared when project was approved: 865 acres

Estimate of cumulative project wetland acres to date (from quantitative and/or qualitative analysis): 433 acres. The project life is half complete (10th year). Total estimated project benefits are 865 net acres (433 is 50% of 865 acres).

Revised estimate of project benefits in net acres through 20 year project life based on the project with and without continued O&M (include description of method used to determine estimate): It is anticipated that both plugs will be severely cut around and non functional within 5 years. The anticipated benefits by year 15 are estimated at 75% of the total benefits, or 649 net acres.

Original and revised cost effectiveness (cost/net acre) and percent change:

Original CE = \$1,146/acre

Revised CE = \$2,682/acre 17.13%

CWPPRA Project O&M Budget Adjustment Template

Project Name: Cameron-Creole Plugs CS-17
 PPL: 1
 Project Sponsor: USFWS

Prepared By: LDNR
 Date Prepared: 9/12/2007
 Date Revised:

Approved Original Base Line					Obligations to Date					Proposed Revised Estimate and Schedule			
Year	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	O&M & State Insp.	Corps Admin	Fed S&A & Insp	
0	1997	\$1,913	\$0	\$1,000	1997	\$0	\$0	\$0	1997	\$0	\$0	\$0	
-1	1998	\$2,027	\$0	\$1,000	1998	\$0	\$0	\$0	1998	\$0	\$0	\$0	
-2	1999	\$2,144	\$0	\$1,000	1999	\$0	\$0	\$0	1999	\$0	\$0	\$0	
-3	2000	\$2,265	\$0	\$1,000	2000	\$0	\$0	\$0	2000	\$0	\$0	\$0	
-4	2001	\$2,389	\$0	\$1,000	2001	\$0	\$0	\$0	2001	\$0	\$0	\$0	
-5	2002	\$22,536	\$0	\$1,000	2002	\$0	\$0	\$0	2002	\$0	\$0	\$0	
-6	2003	\$2,649	\$0	\$1,000	2003	\$0	\$0	\$0	2003	\$0	\$0	\$0	
-7	2004	\$2,985	\$0	\$1,000	2004	\$0	\$0	\$0	2004	\$0	\$0	\$0	
-8	2005	\$3,225	\$0	\$1,000	2005	\$27,924	\$0	\$0	2005	\$27,924	\$0	\$0	
-9	2006	\$3,370	\$0	\$1,000	2006	\$56,639	\$0	\$0	2006	\$56,639	\$0	\$0	
-10	2007	\$43,103	\$0	\$1,000	2007	\$7,519	\$0	\$4,507	2007	\$7,519	\$0	\$4,507	
-11	2008	\$3,822	\$0	\$1,000	2008	\$0	\$0	\$0	2008	\$134,226	\$0	\$2,981	
-12	2009	\$3,985	\$0	\$1,000	2009	\$0	\$0	\$0	2009	\$3,053	\$0	\$3,053	
-13	2010	\$4,152	\$0	\$1,000	2010	\$0	\$0	\$0	2010	\$3,120	\$0	\$3,120	
-14	2011	\$4,024	\$0	\$1,000	2011	\$0	\$0	\$0	2011	\$3,185	\$0	\$3,185	
-15	2012	\$55,019	\$0	\$1,000	2012	\$0	\$0	\$0	2012	\$85,000	\$0	\$3,249	
-16	2013	\$4,483	\$0	\$1,000	2013	\$0	\$0	\$0	2013	\$3,314	\$0	\$3,314	
-17	2014	\$4,565	\$0	\$1,000	2014	\$0	\$0	\$0	2014	\$3,380	\$0	\$3,380	
-18	2015	\$4,735	\$0	\$1,000	2015	\$0	\$0	\$0	2015	\$3,448	\$0	\$3,448	
-19	2016	\$4,854	\$0	\$1,000	2016	\$0	\$0	\$0	2016	\$3,517	\$0	\$3,517	
Total		\$178,245	\$0	\$20,000		\$92,082	\$0	\$4,507		\$334,325	\$0	\$33,754	

(Note: Obligations to date are derived from CWPPRA Cost Sharing Computations dated May 22, 2007 in addition to updated charges by DNR & USFWS)

SUMMARY:

Original Net Acres	Revised Net Acres*
865	433

(*Project in 10th year therefore credit is given for one-half of original acreage)

Approved O&M Budget vs Obligations to Date: Increment Years -0 through -10

Funding Category	Approved Original O&M Baseline	O&M Obligations to Date	Difference
State O&M & Insp.	\$88,606	\$92,082	(\$3,476)
Corps Admin	\$0	\$0	\$0
Fed S&A & Insp	\$11,000	\$4,507	\$6,493
Totals	\$99,606	\$96,589	\$3,017

Current Request:

Current Increment Funding Request Year	Proposed Revised Estimate	Remaining Available O&M Budget	Current Funding Request Amount
Year -11	\$137,207		
Year -12	\$6,106		
Year -13	\$6,240		
Totals	\$149,553	\$101,656	\$47,897

Approved Original Budgeted O&M Funds less O&M Obligations to Date:

Total Approved Original O&M Baseline	O&M Obligations to Date	Remaining Available O&M Budget
\$198,245	\$96,589	\$101,656

Original Approved vs Proposed Revised Fully Funded Estimates:

Approved Fully Funded Baseline Estimate	Additional O&M funding required for remaining project life	Requested Revised Fully Funded Estimate
\$991,295	\$169,834	\$1,161,129

Total Approved Original Budget less Total Proposed Revised Budget

Funding Category	Original Total	Proposed Revised Total	Difference
State O&M & Insp.	\$178,245	\$334,325	(\$156,080)
Corps Admin	\$0	\$0	\$0
Fed S&A & Insp	\$20,000	\$33,754	(\$13,754)
Total	\$198,245	\$368,079	(\$169,834)

Change in Total Cost and Cost Effectiveness:

Fully Funded Cost Estimate % Change	Original Cost Effectiveness	Revised Cost Effectiveness
17.13%	\$1,146	\$2,682

Note: 2012 (Year 15 of the project) O&M repairs include (1) repair/replacement of handrails (2) repair of sheet pile wall.

Request for CWPPRA Project O&M Funding Increase
Project Performance Synopsis
September 12, 2007

Cameron-Creole Plugs (CS-17)

The cover of emergent vegetation remained stable over the duration of the project in each of the northern and southern project areas, and the vegetation reference area until Hurricane Rita struck in September 2005. Because both species richness and cover had been consistent over time and through seemingly adverse conditions, it appeared that the emergent vegetation had become preconditioned to the dynamics of salinity and water level fluctuations over time. The levee and structure system was constructed only 11 years ago, resulting in a reversal from eroding marsh to a thriving, more stable emergent community until the storm.

Results from submerged aquatic vegetation community reveal how fast the SAV responded to stress factors such as salinity and water level. Species responded to rising salinity and dropping water levels. Although frequency of occurrence and species richness were low in 2000, field observations over the last few years have shown that SAV have recovered as the watershed returned to more optimal salinity and water levels.

It was not possible to differentiate ecological responses due to the project plugs and the pre-existing water control structures. Due to these complications, we have been unable to document significant ecological responses to the project design. The reference areas for vegetation and SAV have been deemed inappropriate for the project areas because they are not independent of any possible effects of the plugs on vegetation and hydrology.

The goals of the Cameron/Creole Watershed Project (CS-17) can not be met due to the adjacent and non-functioning Cameron-Creole Maintenance Project (CS-04a) which sustained major damage from Hurricane Rita (four breaches in levee system) allowing uncontrolled water exchange. Repairs to make the CS-04a project fully operational again should be complete in 2008.

The area has been losing land since Hurricane Rita. Improvements to the levee system should help reduce landloss but spray dredge applications may be needed to reverse current landloss rates and jumpstart recovery in the area.

**Request for CWPPRA Project O&M Funding Increase
Project Performance Synopsis
September 12, 2007**

Cameron-Creole Plugs (CS-17)

Post Hurricane Rita DNR Vegetation Sampling -Coastwide Methodology

163 Vegetation stations in emergent marsh were sampled in the late summer/early fall of both 2005 and 2006 following Hurricane Rita. The stations represented a subset of the LDNR vegetation stations established on the Chenier Plain to monitor CWPPRA projects including CS-20 (40 stations), CS-17 (24 stations), CS-31 (30 stations), CS-28 (18 stations), ME-04 (18 stations), ME-11 (12 stations).

After the first data collection, the stations were classified according to the level of disturbance/stress they had experienced and the resulting vegetation response. Stations were classified as either Open water, Severely Stressed, Moderately Stressed, or Slightly Stressed (Table 1). The last data sampled prior to Hurricane Rita was also classified by stress.

Table 1.

Vegetation Classification	Description
Open Water	Vegetation has been ripped out. 100% of plot is open water.
Severely stressed	>50% of plot is open water. Vegetation is weak.
Stressed	Perennial grasses and herbs are mostly dead (>50%) or >25% open water. Often dominated by annual shrubs.
Slightly stressed	Perennial grasses are healthy and vigorous.

At each station, a marker had been previously established. A 2m x 2m square was placed on the marsh and Total % Cover, % Cover of each species present in the plot, and height of the dominant species was collected. Presence of other species that were not in the plot, depth of surface water, salinity, and porewater salinity was also noted.

The compiled vegetation data from the three sampling periods were utilized to classify each site according to Visser's vegetation types of the Chenier Plain (Visser et al., 2000). The data were analyzed to determine the impact of the storm on Total % Cover and

Species Richness overall (all 163 stations), by restoration project (7 projects), and by Visser vegetation type (6 types).

CS-17 Results

Stress and Recovery

Prior to Hurricane Rita, approximately 80% of the 24 vegetation stations utilized for this survey were healthy and intact. Following Hurricane Rita in 2005, 70% of the stations were stressed or had converted to open water (Table 2). A year later in 2006, only 35% of the stations were back to pre storm stress levels. Approximately 20% of the moderately stressed stations recovered to slightly stressed condition, however, 38% converted to a severely stressed state. The stations that had been converted to open water in 2005 did not recover.

Table 2. Percent of stations at CS-17 sampled and their vegetation stress classifications in 2005 and 2006.

Project	Vegetation Status	Percent Stations 2005	Percent Stations 2006
CS-17	open water	25	25
CS-17	severely stressed	4.17	37.5
CS-17	moderately stressed	70.83	16.67
CS-17	slightly stressed	0	20.83

Total cover and species richness

One month following Hurricane Rita, vegetation cover values were reduced from 67.8% in 2002 to 11.9%. By fall of 2006, cover values increased to 18.2%, but had not recovered to pre hurricane condition. Species richness, or number of species per plot was reduced after the Hurricane in 2005 and had recovered in 2006. However, the species present in 2006 were salt tolerant disturbance species such as *Amaranthus australis* and *Iva frutescens*.

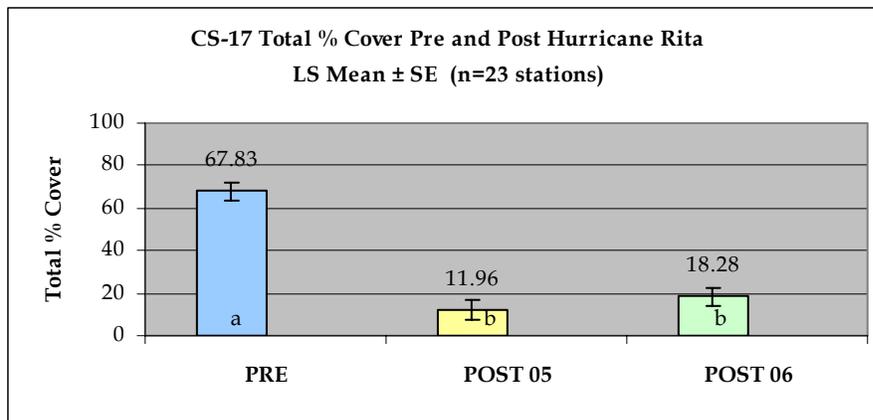


Figure 1. Post ANOVA comparisons of Pre Hurricane Rita, 2005, and 2006 % Cover values.

Vegetation type or Visser Classification

Prior to Hurricane Rita, the project area was characterized as 80 % Oligohaline Wiregrass and dominated by *Spartina patens* with approximately 20% Mesohaline Wiregrass dominated by *S. patens* and *Schoenoplectus, americanus*, and *S. robustus* . By 2006 high cover values for dead *S. patens* were observed with some colonization by *Paspalum vaginatum*. Also by 2006, as the Mesohaline Wiregrass species decreased, and habitat type changed to more salt tolerant, Mesohaline Mixture with *Distichlis spicata* and *Juncus roemerianus*.

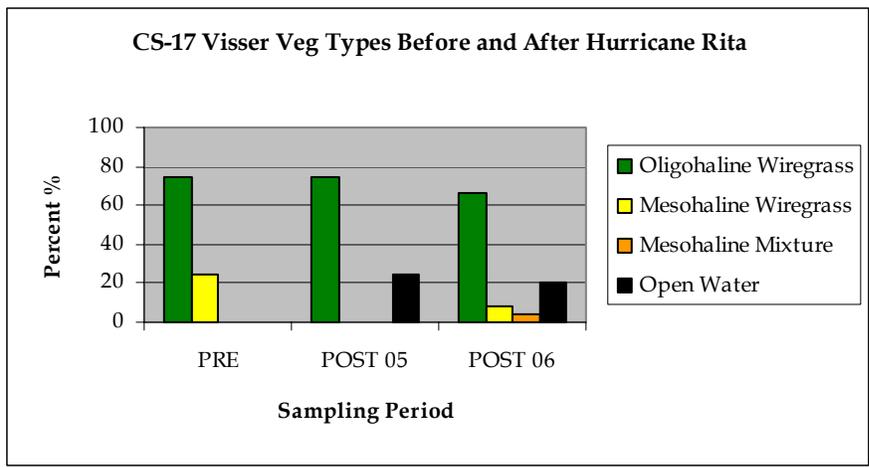


Figure 2. Visser Vegetation types Pre Hurricane Rita, 2005, and 2006.

Conclusion

The vegetation community in the Cameron Creole Watershed was severely impacted by Hurricane Rita and had not recovered by the fall of 2006. Cover values have drastically decreased, species requiring a lower salinity brackish environment are being replaced by more salt tolerant species.

**Request for CWPPRA Project O&M Funding Increase
Project Costs and Benefits Reevaluation
Fact Sheet
September 12, 2007**

Project Name: East Mud Lake Marsh Management Project (CS-20)

PPL: 2

Federal Sponsor: NRCS

Construction Completion Date: April 1996

Projected Project Close-out Date: April 2015

Project Description: Earthen plugs, flapgated culverts, variable crest culverts and gated culverts were constructed and are used to manage the flow of water into and out of the project area. Some of the structures have slots to allow ingress and egress of estuarine and marine fish species.

Construction changes from the approved project: No changes.

Explain why O&M funding increase is needed: Structure No. 4 is failing and is beyond repair, therefore it will be abandoned in place and a completely new structure will be built. Eleven of the structures require general maintenance as well as repair of the damages associated with Hurricane RITA. Also, the Step Canal needs to be cleaned of trash, silt and debris deposited from the storm surge.

Detail O&M work conducted to date: Installation of 600 tons of stone rip-rap, installation of flap gate lifting devices, stop log channel repair, and 950 linear feet of earthen levee repair at Structure No.4. Placement of 100 tons of stone rip-rap at Structures 6, 7, 8, 9a & 9b. This work was completed in December 1999.

Detail and date of next O&M work to be completed: Recommend construction of a new Structure No. 4, repair/replacement of boardwalks, stop logs and flap gates, replace staff gages, place rock armor for bank erosion, repair sheet pile caps and replace signage at structures No. 1, 3, 5, 6, 7, 8, 9a, 9b, 11, 13 and 17. Clean out the Step Canal of trash, silt and debris. This work should take place in January 2008.

Detail of future O&M work to be completed: Anticipate need for maintenance on flapgates and gated control structures, in addition to general maintenance on each structure including hardware, grating, and stoplogs in 2012.

Originally approved fully funded project cost estimate: \$2,903,600

Originally approved O&M budget: \$382,300

Approved O&M Budget Increases (1999, 2004): \$941,655

Total O&M obligations to date: \$391,410

Remaining available O&M budget funds: \$932,545

Current Incremental Funding Request: \$640,831

Revised fully funded cost estimate \$4,939,877

Total Project Life Budget Increase: \$846,734

Requested Revised fully funded O&M estimate \$2,170,689

Percent total project cost increase of proposed revised budget over original budget: 70.13%

Percent total project cost increase of proposed revised budget over original budget plus net budget changes: 20.69%

Original net benefits based on WVA prepared when project was approved: 1520 acres

Estimate of cumulative project wetland acres to date (from quantitative and/or qualitative analysis): 1520 acres

Revised estimate of project benefits in net acres through 20 year project life based on the project with and without continued O&M (include description of method used to determine estimate): No anticipated change in estimated net benefits, project is performing as expected.

Original and revised cost effectiveness (cost/net acre) and percent change:

Original CE = \$1,911/acre

Revised CE = \$3,250/acre 70.13%

Original plus net budget changes and revised cost effectiveness (cost/acre) and percent change:

Original CE = \$2,693/acre

Revised CE = \$3,250/acre 20.69%

CWPPRA Project O&M Budget Adjustment Template

Project Name: E. Mud Lake Marsh Management CS-20
 PPL: 2
 Project Sponsor: NRCS

Prepared By: LDNR
 Date Prepared: 9/12/2007
 Date Revised:

Approved Original Base Line (includes TF approved increase from Jan 1999)				Obligations to Date				Proposed Revised Estimate and Schedule				
Year	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	O&M & State Insp.	Corps Admin	Fed S&A & Insp
0	1996	\$11,543	\$0	\$0	1996	\$0	\$0	\$0	1996	\$0	\$0	\$0
-1	1997	\$11,654	\$0	\$0	1997	\$0	\$0	\$0	1997	\$0	\$0	\$0
-2	1998	\$11,768	\$0	\$0	1998	\$0	\$0	\$0	1998	\$0	\$0	\$0
-3	1999	\$11,885	\$0	\$0	1999	\$0	\$0	\$0	1999	\$0	\$0	\$0
-4	2000	\$12,006	\$0	\$0	2000	\$0	\$0	\$0	2000	\$0	\$0	\$0
-5	2001	\$12,130	\$0	\$0	2001	\$0	\$0	\$0	2001	\$0	\$0	\$0
-6	2002	\$12,258	\$0	\$0	2002	\$0	\$0	\$0	2002	\$0	\$0	\$0
-7	2003	\$125,722	\$0	\$0	2003	\$0	\$0	\$0	2003	\$0	\$0	\$0
-8	2004	\$12,526	\$0	\$0	2004	\$0	\$0	\$0	2004	\$0	\$0	\$0
-9	2005	\$12,816	\$0	\$0	2005	\$75,362	\$0	\$230,069	2005	\$75,362	\$0	\$230,069
-10	2006	\$106,125	\$0	\$0	2006	\$20,254	\$0	\$0	2006	\$20,254	\$0	\$0
-11	2007	\$13,106	\$0	\$0	2007	\$65,140	\$0	\$585	2007	\$65,140	\$0	\$585
-12	2008	\$13,263	\$0	\$0	2008	\$0	\$0	\$0	2008	\$1,545,049	\$0	\$2,981
-13	2009	\$13,426	\$0	\$0	2009	\$0	\$0	\$0	2009	\$9,553	\$0	\$3,053
-14	2010	\$153,073	\$0	\$0	2010	\$0	\$0	\$0	2010	\$9,620	\$0	\$3,120
-15	2011	\$13,765	\$0	\$0	2011	\$0	\$0	\$0	2011	\$9,685	\$0	\$3,185
-16	2012	\$13,942	\$0	\$0	2012	\$0	\$0	\$0	2012	\$150,000	\$0	\$3,249
-17	2013	\$14,124	\$0	\$0	2013	\$0	\$0	\$0	2013	\$9,814	\$0	\$3,314
-18	2014	\$14,312	\$0	\$0	2014	\$0	\$0	\$0	2014	\$9,880	\$0	\$3,380
-19	2015	\$14,511	\$0	\$0	2015	\$0	\$0	\$0	2015	\$9,948	\$0	\$3,448
	Total	\$603,955	\$0	\$0		\$160,756	\$0	\$230,654		\$1,914,305	\$0	\$256,384

SUMMARY:

Benefits:

Original Net Acres	Revised Net Acres
1520	1520

Approved O&M Budget vs Obligations to Date: Increment Years -0 through -11

Funding Category	Approved Original O&M Baseline	O&M Obligations to Date	Difference
State O&M & Insp.	\$353,539	\$160,756	\$192,783
Corps Admin	\$0	\$0	\$0
Fed S&A & Insp	\$0	\$230,654	(\$230,654)
Totals	\$353,539	\$391,410	(\$37,871)

Current Request:

Current Increment Funding Request Year	Proposed Revised Estimate	Remaining Available O&M Budget	Current Funding Request Amount
Year -12	\$1,548,030		
Year -13	\$12,606		
Year -14	\$12,740		
Totals	\$1,573,376	\$932,545	\$640,831

Approved Budgeted O&M Funds less O&M Obligations to Date:

	Total Approved O&M	O&M Obligations to Date	Remaining Available O&M Budget
1999 App. Budget	\$603,955		
2005 Funding Incr.	\$720,000		
Totals	\$1,323,955	\$391,410	\$932,545

Original Approved vs Proposed Revised Fully Funded Estimates:

Original Fully Funded Baseline Estimate	Approved Net Budget Change to E&D, Constr., O&M (1999, 2005) and Monitoring	Additional O&M funding required for remaining project life	Requested Revised Fully Funded Estimate
\$2,903,635	\$1,189,508	\$846,734	\$4,939,877

Total Approved Budget less Total Proposed Revised Budget

Funding Category	Current Total	Proposed Revised Total	Difference
State O&M & Insp.	\$1,323,955	\$1,914,305	(\$590,350)
Corps Admin	\$0	\$0	\$0
Fed S&A & Insp	\$0	\$256,384	(\$256,384)
Total	\$1,323,955	\$2,170,689	(\$846,734)

Change in Total Cost and Cost Effectiveness:

As Compared To	Cost Estimate % Change	Cost Effectiveness	Revised Cost Effectiveness
Original Fully Funded Baseline Est.	70.13%	1,910	3,250
Approved Fully Funded Baseline Est. Plus Net Budget Changes	20.69%	2,693	3,250

Note: 2012 (Year 16 of the project) O&M repairs include (1) repair/replacement of flap gates (2) general structure maintenance (hardware, grating, etc.).

Request for CWPPRA Project O&M Funding Increase
Project Performance Synopsis
September 12, 2007

East Mud Lake Marsh Management (CS-20)

Land to water ratios in the project and reference areas pre- and post-construction had not changed significantly prior to Hurricane Rita. Land / water analysis 1994 – 2000 did show a land gain in CTU 2 and we believe it is due mainly to expansion of *P. vaginatum* and *S. alterniflora* at the marsh water interface. Evidence of this new vegetation became apparent during vegetation sampling after the drawdown and drought in 1996.

During normal weather conditions structure operation is effective at muting high salinity in the project area. Post-construction salinities were within the target range more often than pre-construction salinities with the exception of the year 2000 when an extended drought caused salinities to exceed the target ranges for 95-100 % of the year. Salinities increased to beyond the target maximum of 15 ppt after Hurricane Rita in September 2005 and remained elevated in 2006.

Water levels were within the target range in the project areas until Hurricane Rita. Since Hurricane Rita, water levels have remained above the target range in CTU2 and the Oyster Bayou reference area. Structure 3 has been inoperable since Hurricane Rita due to obstruction by marsh debris. Maintenance on this structure and the replacement of Structure 4 will facilitate drainage of CTU 2.

Average total percent cover of emergent marsh vegetation in the project area declined from 97% in 1995 to 58% in 1997 due to the 1996 drought, and was between about 65 % and 75% in 1999 and 2003. After Hurricane Rita in 2005, cover was only about 7% and up to almost 40% in 2006. Dominant species composition changed over time. In 1995, each area was dominated by *S. patens*. By 1997, in the project area, *S. patens* made up only about 50% of the cover in the average sample plot. *Amaranthus australis* and *D. spicata* made up the majority of the other 50% along with a small increase in *S. alterniflora*. After each extreme weather event, cover of salt tolerant disturbance species such as *Amaranthus australis* and *Iva frutescens* increased.

The average accretion in the project area was 67 mm and the reference average was 52 mm. The post hurricane accretion measurements ranged from 20 to 117 mm. Considering that recent accretion rates in the area average between 3 and 11 mm/yr, these amounts are considerable and seem to overwhelm years or even decades or normal deposition. However, these sediments are very unconsolidated and the thickness of the new layer will likely decrease over time. Only more sampling over time will tell us how much elevation was gained from this event.

**Request for CWPPRA Project O&M Funding Increase
Project Costs and Benefits Reevaluation
Fact Sheet
September 12, 2007**

Project Name: Highway 384 Hydrologic Restoration Project (CS-21)

PPL: 2

Federal Sponsor: NRCS

Construction Completion Date: January 2000

Projected Project Close-out Date: January 2019

Project Description: This project consists of the installation of a rock plug, two water control structures, and the rehabilitation of perimeter embankments.

Construction changes from the approved project: No changes.

Explain why O&M funding increase is needed: The structures are in need of general maintenance and staff gages need to be replaced due to damage sustained by Hurricane RITA.

Detail O&M work conducted to date: Placement of 41 cubic yards of limestone aggregate on the access road and 12 cubic yards of man size rip-rap on inlet side of Structure No. 12 in November 2000. Constructed a hyacinth fence on inlet side and added crushed stone on the outlet side of Structure No. 1. Repaired Structure No. 8 with earthen fill and vegetative plantings in June 2002. Repaired Structure No. 8 again due to vandalism with 40 tons of 1200# stone rip-rap and 344 tons of 150# stone on the marsh side slope of the plug in May 2005. Repaired and elevated the access road on both sides of Hwy 384 with 3,225 tons of recycled concrete and installed two multi-parameter water quality units for operation of the structures in May 2006. One of the flap gates was refurbished and reinstalled due to vandalism in June 2006. Trash and debris which accumulated within the hyacinth fence was removed and disposed of offsite in March 2007.

Detail and date of next O&M work to be completed: Recommend replacement of pile cap covers which are severely corroded on Structure No. 12. Bird excluder devices need to be installed atop the solar panels at the two multi-parameter water quality units used for operation of Structure No. 1 and No. 12 and staff gages need to be replaced at Structures No. 8 and No. 12. This work should be done in December 2007.

Detail of future O&M work to be completed: Anticipate need for general maintenance of hardware at Structure No. 1 and No. 12 in 2009. Also anticipate repair/replacement of flap gates at Structures No. 1 and repair/replacement of gate stems at Structure No. 12 along with repairs to access road in 2015.

Originally approved fully funded project cost estimate: \$700,717

Originally approved O&M budget: \$345,898

Total O&M obligations to date: \$404,129

Remaining available O&M budget funds: \$(58,231)

Current Incremental Funding Request: \$153,339

Revised fully funded cost estimate: \$1,525,363

Total Project Life Budget Increase: \$466,833

Requested Revised fully funded O&M estimate: \$812,731

Percent total project cost increase of proposed revised budget over original budget: 117.69%

Percent total project cost increase of proposed revised budget over original budget plus net budget changes: 44.10%

Original net benefits based on WVA prepared when project was approved: 150 acres

Estimate of cumulative project wetland acres to date (from quantitative and/or qualitative analysis): 150 acres

Revised estimate of project benefits in net acres through 20 year project life based on the project with and without continued O&M (include description of method used to determine estimate): No anticipated change in estimated net benefits, project is performing as expected.

Original and revised cost effectiveness (cost/net acre) and percent change:

Original CE = \$4,671/acre

Revised CE = \$10,169/acre 117.69%

Original plus net budget changes and revised cost effectiveness (cost/net acre) and percent change:

Original CE= \$7,057/acre

Revised CE= \$10,169/acre 44.10%

CWPPRA Project O&M Budget Adjustment Template

Project Name: Highway 384 Hydrologic Restoration CS-21
 PPL: 2
 Project Sponsor: NRCS

Prepared By: LDNR
 Date Prepared: 9/12/2007
 Date Revised:

Approved Original Base Line (includes TF approved increase from Jan 1999)					Obligations to Date				Proposed Revised Estimate and Schedule			
Year	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	O&M & State Insp.	Corps Admin	Fed S&A & Insp
0	2000	\$7,446	\$0	\$0	2000	\$0	\$0	\$0	2000	\$0	\$0	\$0
-1	2001	\$7,570	\$0	\$0	2001	\$0	\$0	\$0	2001	\$0	\$0	\$0
-2	2002	\$7,698	\$0	\$0	2002	\$0	\$0	\$0	2002	\$0	\$0	\$0
-3	2003	\$7,833	\$0	\$0	2003	\$0	\$0	\$0	2003	\$0	\$0	\$0
-4	2004	\$7,966	\$0	\$0	2004	\$0	\$0	\$0	2004	\$0	\$0	\$0
-5	2005	\$31,642	\$0	\$0	2005	\$84,092	\$0	\$94,653	2005	\$84,092	\$0	\$94,653
-6	2006	\$8,251	\$0	\$0	2006	\$43,712	\$0	\$0	2006	\$43,712	\$0	\$0
-7	2007	\$8,546	\$0	\$0	2007	\$180,621	\$0	\$1,051	2007	\$180,621	\$0	\$1,051
-8	2008	\$8,703	\$0	\$0	2008	\$0	\$0	\$0	2008	\$48,581	\$0	\$2,981
-9	2009	\$8,866	\$0	\$0	2009	\$0	\$0	\$0	2009	\$21,653	\$0	\$3,053
-10	2010	\$93,946	\$0	\$0	2010	\$0	\$0	\$0	2010	\$15,720	\$0	\$3,120
-11	2011	\$9,205	\$0	\$0	2011	\$0	\$0	\$0	2011	\$15,785	\$0	\$3,185
-12	2012	\$9,382	\$0	\$0	2012	\$0	\$0	\$0	2012	\$15,849	\$0	\$3,249
-13	2013	\$9,564	\$0	\$0	2013	\$0	\$0	\$0	2013	\$15,914	\$0	\$3,314
-14	2014	\$9,752	\$0	\$0	2014	\$0	\$0	\$0	2014	\$15,980	\$0	\$3,380
-15	2015	\$67,694	\$0	\$0	2015	\$0	\$0	\$0	2015	\$150,000	\$0	\$3,448
-16	2016	\$10,146	\$0	\$0	2016	\$0	\$0	\$0	2016	\$17,117	\$0	\$3,517
-17	2017	\$10,351	\$0	\$0	2017	\$0	\$0	\$0	2017	\$17,187	\$0	\$3,587
-18	2018	\$10,563	\$0	\$0	2018	\$0	\$0	\$0	2018	\$17,259	\$0	\$3,659
-19	2019	\$10,774	\$0	\$0	2019	\$0	\$0	\$0	2019	\$17,332	\$0	\$3,732
	Total	\$345,898	\$0	\$0		\$308,425	\$0	\$95,704		\$676,802	\$0	\$135,929

SUMMARY:

Benefits:

Original Net Acres	Revised Net Acres
150	150

Approved O&M Budget vs Obligations to Date: Increment Years -0 through -7

Funding Category	Approved Original O&M Baseline	O&M Obligations to Date	Difference
State O&M & Insp.	\$86,952	\$308,425	(\$221,473)
Corps Admin	\$0	\$0	\$0
Fed S&A & Insp	\$0	\$95,704	(\$95,704)
Totals	\$86,952	\$404,129	(\$317,177)

Current Request:

Current Increment Funding Request Year	Proposed Revised Estimate	Remaining Available O&M Budget	Current Funding Request Amount
Year -8	\$51,562		
Year -9	\$24,706		
Year -10	\$18,840		
Totals	\$95,108	(\$58,231)	\$153,339

Approved Budgeted O&M Funds less O&M Obligations to Date:

	Total Approved O&M	O&M Obligations to Date	Remaining Available O&M Budget
1999 App. Budget	\$345,898	\$404,129	(\$58,231)

Original Approved vs Proposed Revised Fully Funded Estimates:

Original Fully Funded Baseline Estimate	Approved Net Budget Change to E&D, Constr., O&M (1999) and Monitoring	Additional O&M funding required for remaining project life	Requested Revised Fully Funded Estimate
\$700,717	\$357,813	\$466,833	\$1,525,363

Total Approved Budget less Total Proposed Revised Budget

Funding Category	Original Total	Proposed Revised Total	Difference
State O&M & Insp.	\$345,898	\$676,802	(\$330,904)
Corps Admin	\$0	\$0	\$0
Fed S&A & Insp	\$0	\$135,929	(\$135,929)
Total	\$345,898	\$812,731	(\$466,833)

Change in Total Cost and Cost Effectiveness:

As Compared To	Cost Estimate % Change	Cost Effectiveness	Revised Cost Effectiveness
Original Fully Funded Baseline Estimate	117.69%	\$4,671	\$10,169
Approved Fully Funded Baseline Est. Plus Net Budget Changes	44.10%	\$7,057	\$10,169

Note: 2009 (Year 9 of the project) O&M repairs include (1) general structure maintenance
 2015 (Year 15 of the project) O&M repairs include (1) repair/replacement of flap gates (2) repairs to access roadway.

Request for CWPPRA Project O&M Funding Increase
Project Performance Synopsis
September 12, 2007

Highway 384 Hydrologic Restoration (CS-21)

Land to water ratios in the project and reference areas pre- and post-construction have not change significantly. Both project and reference areas maintained or made slight increases in land area. Because the reference areas increased a similar amount as the project areas, this change cannot be attributed to the project.

Post-construction salinities were within the target range more often than pre-construction salinities in all three project areas with the exception of the year 2000. An extended drought in 2000 caused salinities to exceed the target ranges for 70-80% of the year in all three CTU's. In addition, salinity in CTU 1 and 2 was above the target range a higher percentage of the year than the reference areas.

Water level variability as measured by range decreased dramatically post-construction in the project areas while it continued to rise in the reference area.

Cover of SAV increased in all project and reference areas, increasing from near zero to over 50% in CTU 1 and CTU 2 and to around 30% in R2. This response could be due to the project effects of lowered salinity or it could be due to weather during the sampling years.

Total percent cover of emergent vegetation increased in all of the project and reference areas, most noticeably in CTU 1, CTU 3, and the reference areas. Species richness increased in the two intermediate project areas (CTU 2 and CTU 3). The increases in cover and richness can most likely be attributed to the maintenance of salinity within the target ranges and the reduced water level range.

The subset of stations from CS-21 sampled 1 month and 1 year after Hurricane Rita behaved similarly to the whole dataset for southwestern Louisiana. Stations in the project were moderately stressed in 2005 and had nearly fully recovered by 2006. Interestingly, the Visser types that began to emerge in 2006 were not the same as had been there in 2002. Whether those stations will eventually revert back to their original Visser types or will continue as different species assemblages remains to be seen.

The structures have proven effective in achieving the goals of the project except during extreme weather conditions such as the drought in 2000. A revision to the permitted structure operations was recommended by CED and CRD jointly in late 2005, to provide increased control, restricting high salinity water from entering the project area from the GIWW, particularly CTU 1 and 2. This revision is also designed to increase the flow of freshwater into CTU 1 and 2 when freshwater is available. A permit modification of the original operating procedures mandating closure of the sluice gates at Structure #1 when salinities exceed 7 ppt, was approved and enacted in early 2006, reflecting these recommendations.

**Request for CWPPRA Project O&M Funding Increase
Project Costs and Benefits Reevaluation
Fact Sheet
September 12, 2007**

Project Name: Black Bayou Hydrologic Restoration Project (CS-27)

PPL: 6

Federal Sponsor: NMFS

Construction Completion Date: December 2001

Projected Project Close-out Date: December 2021

Project Description: A 22,600 linear foot rock dike was placed on the southern spoil bank of the GIWW. A barge bay weir (70-foot bottom width) was constructed in Black Bayou Cutoff Canal. Weirs with boat bays (10-foot bottom widths) were constructed in Burton Canal and Block's Creek. A collapsed weir was plugged and replaced with an SRT gate and adjacent rock plug. Spoil material was deposited in nearby marsh and 55,000 vegetative plants were installed over two planting seasons.

Construction changes from the approved project: Navigational warning signs were placed at two locations along the GIWW to warn local boaters of the newly constructed rock dike. A boat barrier was added to the SRT gate location to prevent possible vandalism and a railing added for public safety. "C" type stone was placed in several locations along the GIWW where there existed "water" connections between the marsh and the GIWW. This work was paid for with O&M monies.

Explain why O&M funding increase is needed: The "C" type stone locations have developed small breaches in several areas and are need of repair. There are low areas on the rock dike along the GIWW and missing signs and staff gages.

Detail O&M work conducted to date: Navigational lights were repaired at Black Bayou Cut-Off Canal in October 2003. After Hurricane RITA, navigational lights were repaired at Black Bayou Cut-Off Canal, Block's Creek and Burton Canal in May 2006. The cross sectional area at the SRT gate was reduced by adding a flap to the railing. Two 30" flapgated culverts were also added along the southern boundary in January 2006. Navigational lights at Burton Canal, Black Bayou Cut-Off Canal and Block's Creek were repaired again in January 2007. The SRT flap gate and two flapgated culverts have now become features to be maintained as part of this project.

Detail and date of next O&M work to be completed: Recommend placing approximately 150 tons of rock to elevate low areas along the GIWW dike. Also, place bags of sack concrete at breach locations, rock plug and install navigational sign at Burton Canal. Install new staff gages at Burton Canal and GIWW locations. This work should be done in February 2008.

Detail of future O&M work to be completed: Anticipate need for general maintenance on the SRT gate and capping of boat and barge bay at Black Bayou Cut-Off Canal in 2015.

Originally approved fully funded project cost estimate: \$6,316,800

Originally approved O&M budget: \$592,986

Total O&M obligations to date: \$449,135

Remaining available O&M budget funds: \$143,851

Current Incremental Funding Request: \$53,508

Revised fully funded cost estimate: \$6,316,990

Total Project Life Budget Increase: \$369,778

Requested Revised fully funded O&M estimate: \$962,764

Percent total project cost increase of proposed revised budget over original budget: 0.00%

Percent total project cost increase of proposed revised budget over original budget plus net budget changes: 6.22%

Original net benefits based on WVA prepared when project was approved: 3594 acres

Estimate of cumulative project wetland acres to date (from quantitative and/or qualitative analysis): 3594 acres

Revised estimate of project benefits in net acres through 20 year project life based on the project with and without continued O&M (include description of method used to determine estimate): No anticipated change in estimated net benefits, project is performing as expected.

Original and revised cost effectiveness (cost/net acre) and percent change:

Original CE = \$1,758/acre

Revised CE = \$1,758/acre 0.00%

Original plus net budget changes and revised cost effectiveness (cost/net acre) and percent change:

Original CE = \$1,655/acre

Revised CE = \$1,758/acre 6.22%

CWPPRA Project O&M Budget Adjustment Template

Project Name: Black Bayou Hydrologic Restoration CS-27
 PPL: 6
 Project Sponsor: NMFS

Prepared By: LDNR
 Date Prepared: 9/12/2007
 Date Revised:

Approved Original Base Line					Obligations to Date					Proposed Revised Estimate and Schedule			
Year	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	O&M & State Insp.	Corps Admin	Fed S&A & Insp	
0	2002	\$4,534	\$0	\$0	2002	\$0	\$0	\$0	2002	\$0	\$0	\$0	
-1	2003	\$4,670	\$0	\$0	2003	\$0	\$0	\$0	2003	\$0	\$0	\$0	
-2	2004	\$4,810	\$0	\$0	2004	\$0	\$0	\$0	2004	\$0	\$0	\$0	
-3	2005	\$4,955	\$0	\$0	2005	\$87,701	\$0	\$0	2005	\$87,701	\$0	\$0	
-4	2006	\$5,250	\$0	\$0	2006	\$336,674	\$0	\$0	2006	\$336,674	\$0	\$0	
-5	2007	\$264,563	\$0	\$0	2007	\$24,760	\$0	\$0	2007	\$24,760	\$0	\$0	
-6	2008	\$5,570	\$0	\$0	2008	\$0	\$0	\$0	2008	\$179,186	\$0	\$8,000	
-7	2009	\$5,737	\$0	\$0	2009	\$0	\$0	\$0	2009	\$3,053	\$0	\$2,000	
-8	2010	\$5,909	\$0	\$0	2010	\$0	\$0	\$0	2010	\$3,120	\$0	\$2,000	
-9	2011	\$6,086	\$0	\$0	2011	\$0	\$0	\$0	2011	\$3,185	\$0	\$2,000	
-10	2012	\$215,309	\$0	\$0	2012	\$0	\$0	\$0	2012	\$3,249	\$0	\$2,000	
-11	2013	\$6,456	\$0	\$0	2013	\$0	\$0	\$0	2013	\$3,314	\$0	\$2,000	
-12	2014	\$6,650	\$0	\$0	2014	\$0	\$0	\$0	2014	\$3,380	\$0	\$2,000	
-13	2015	\$6,850	\$0	\$0	2015	\$0	\$0	\$0	2015	\$250,000	\$0	\$8,957	
-14	2016	\$7,055	\$0	\$0	2016	\$0	\$0	\$0	2016	\$3,517	\$0	\$2,000	
-15	2017	\$7,267	\$0	\$0	2017	\$0	\$0	\$0	2017	\$3,587	\$0	\$2,000	
-16	2018	\$7,485	\$0	\$0	2018	\$0	\$0	\$0	2018	\$3,659	\$0	\$2,000	
-17	2019	\$7,710	\$0	\$0	2019	\$0	\$0	\$0	2019	\$3,732	\$0	\$2,000	
-18	2020	\$7,941	\$0	\$0	2020	\$0	\$0	\$0	2020	\$3,807	\$0	\$2,000	
-19	2021	\$8,179	\$0	\$0	2021	\$0	\$0	\$0	2021	\$3,883	\$0	\$4,000	
	Total	\$592,986	\$0	\$0		\$449,135	\$0	\$0		\$919,807	\$0	\$42,957	

SUMMARY:

Benefits:

Original Net Acres	Revised Net Acres
3594	3594

Approved O&M Budget vs Obligations to Date: Increment Years -0 through -5

Funding Category	Approved Original O&M Baseline	O&M Obligations to Date	Difference
State O&M & Insp.	\$288,782	\$449,135	(\$160,353)
Corps Admin	\$0	\$0	\$0
Fed S&A & Insp	\$0	\$0	\$0
Totals	\$288,782	\$449,135	(\$160,353)

Current Request:

Current Increment Funding Request Year	Proposed Revised Estimate	Remaining Available O&M Budget	Current Funding Request Amount
Year -6	\$187,186		
Year -7	\$5,053		
Year -8	\$5,120		
Totals	\$197,359	\$143,851	\$53,508

Approved Original Budgeted O&M Funds less O&M Obligations to Date:

Total Approved Original O&M Baseline	O&M Obligations to Date	Remaining Available O&M Budget
\$592,986	\$449,135	\$143,851

Original Approved vs Proposed Revised Fully Funded Estimates:

Approved Fully Funded Baseline Estimate	Approved Net Budget Changes to E&D, Constr., O&M and Monitoring	Additional O&M funding required for remaining project life	Requested Revised Fully Funded Estimate
\$6,316,800	(\$369,588)	\$369,778	\$6,316,990

Total Approved Original Budget less Total Proposed Revised Budget

Funding Category	Original Total	Proposed Revised Total	Difference
State O&M & Insp.	\$592,986	\$919,807	(\$326,821)
Corps Admin	\$0	\$0	\$0
Fed S&A & Insp	\$0	\$42,957	(\$42,957)
Total	\$592,986	\$962,764	(\$369,778)

Change in Total Cost and Cost Effectiveness:

As Compared To	Cost Estimate % Change	Cost Effectiveness	Revised Cost Effectiveness
Original Fully Funded Baseline Estimate	0.00%	\$1,758	\$1,758
Approved Fully Funded Baseline Est. Plus Net Budget Changes	6.22%	\$1,655	\$1,758

Note: 2015 (Year 13 of the project) O&M repairs include (1) capping of boat & barge bay (2) general maintenance on SRT gate.

Request for CWPPRA Project O&M Funding Increase
Project Performance Synopsis
September 12, 2007

Black Bayou Hydrologic Restoration (CS-27)

The results suggest that in the impounded hydrologic unit behind the SRT, sharp salinity increases are reduced. The differences that were recorded were not biologically significant, but at times of higher, possibly damaging salinity spikes, the SRT may be very effective in normal weather cycles. However, during extreme weather events, salinities reflect environmental conditions. Salinities were as high as 12 ppt after Hurricane Rita in 2005, remaining above 6ppt during most of 2006.

Schoenoplectus californicus (bullwhip) plantings, installed in 2002, were sampled approximately 1 year after planting. Sample plots had varying survival success. Individuals were recorded as alive, absent, or dead. Mean percent of living plants was 68% from 53 plots containing sampled.

The shoreline along the GIWW was measured preconstruction (2000) and in spring 2002 after the rock dike feature was constructed. The project gained approximately 0.3 acres. The reference area shoreline was compromised because of another rock dike construction during the time between the 2000 and 2002 GPS surveys and therefore no meaningful comparisons can be made between project and reference.

Total SAV coverage was very high in most of the ponds sampled preconstruction in 1999 (100% in three areas) and has remained high in the years between sampling as observed during frequent field trips. In 2003, average percent cover was about 90% for nearly all areas. The species collected at both sampling times were very similar, but the percent cover of each did change in some areas over time. Overall, there was a decrease in *Myriophyllum spicatum*, *Ruppia maritima*, and *Najas guadalupensis*, with the notable exception of increase of *M. spicatum* in areas 1 and reference. *Chara sp.*, *Nymphaea odorata*, and *Ottelia alismoides* were documented for the first time in 2003.

CWPPRA Project O&M Budget Adjustment Template

Project Name: (BA-27c) - Barataria Basin Landbridge Shoreline Protection Project - Phase 3
 PPL: 9
 Project Sponsor: NRCS

Prepared By: LDNR
 Date Prepared: 9/12/2007
 Date Revised:

Approved Original Base Line					Obligations to Date				Proposed Revised Estimate and Schedule			
Year	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	O&M & State Insp.	Corps Admin	Fed S&A & Insp
0	2004	\$0	\$0	\$0	2004	\$347	\$0	\$0	2004	\$347	\$0	\$0
-1	2005	\$1,183	\$0	\$0	2005	\$2,777	\$0	\$1,274	2005	\$2,777	\$0	\$1,274
-2	2006	\$1,206	\$0	\$0	2006	\$1,436	\$0	\$623	2006	\$1,436	\$0	\$623
-3	2007	\$1,669	\$0	\$0	2007	\$167	\$0	\$0	2007	\$167	\$0	\$0
-4	2008	\$1,702	\$0	\$0	2008	\$0	\$0	\$0	2008	\$1,296	\$0	\$1,296
-5	2009	\$852,594	\$0	\$0	2009	\$0	\$0	\$0	2009	\$11,951	\$0	\$1,334
-6	2010	\$1,771	\$0	\$0	2010	\$0	\$0	\$0	2010	\$1,379	\$0	\$1,378
-7	2011	\$1,807	\$0	\$0	2011	\$0	\$0	\$0	2011	\$903	\$0	\$904
-8	2012	\$1,843	\$0	\$0	2012	\$0	\$0	\$0	2012	\$922	\$0	\$921
-9	2013	\$299,174	\$0	\$0	2013	\$0	\$0	\$0	2013	\$298,234	\$0	\$940
-10	2014	\$941,333	\$0	\$0	2014	\$0	\$0	\$0	2014	\$940,374	\$0	\$959
-11	2015	\$1,956	\$0	\$0	2015	\$0	\$0	\$0	2015	\$978	\$0	\$978
-12	2016	\$1,995	\$0	\$0	2016	\$0	\$0	\$0	2016	\$997	\$0	\$998
-13	2017	\$2,035	\$0	\$0	2017	\$0	\$0	\$0	2017	\$1,018	\$0	\$1,017
-14	2018	\$2,075	\$0	\$0	2018	\$0	\$0	\$0	2018	\$1,037	\$0	\$1,038
-15	2019	\$48,733	\$0	\$0	2019	\$0	\$0	\$0	2019	\$882,542	\$0	\$1,058
-16	2020	\$343,657	\$0	\$0	2020	\$0	\$0	\$0	2020	\$342,577	\$0	\$1,080
-17	2021	\$2,202	\$0	\$0	2021	\$0	\$0	\$0	2021	\$1,101	\$0	\$1,101
-18	2022	\$2,246	\$0	\$0	2022	\$0	\$0	\$0	2022	\$1,123	\$0	\$1,123
-19	2023	\$2,291	\$0	\$0	2023	\$0	\$0	\$0	2023	\$1,145	\$0	\$1,146
-20	2024	\$2,337	\$0	\$0	2024	\$0	\$0	\$0	2024	\$1,169	\$0	\$1,168
-21	2025	\$627	\$0	\$0	2025	\$0	\$0	\$0	2025	\$313	\$0	\$314
-22	2026	\$639	\$0	\$0	2026	\$0	\$0	\$0	2026	\$320	\$0	\$319
Total		\$2,515,075	\$0	\$0		\$4,727	\$0	\$1,897		\$2,494,106	\$0	\$20,969

SUMMARY:

Benefits:

Original Net Acres	Revised Net Acres
84	84

CU3 + part CU4 only

Approved O&M Budget vs Obligations to Date: Increment Years -0 through -3

Funding Category	Approved Original O&M Baseline	O&M Obligations to Date	Difference
State O&M & Insp.	\$4,058	\$4,727	(\$669)
Corps Admin	\$0	\$0	\$0
Fed S&A & Insp	\$0	\$1,897	(\$1,897)
Totals	\$4,058	\$6,624	(\$2,566)

Current Request: Increment Years -4 through -6

Current Increment Funding Request Year	Proposed Revised Estimate	Remaining Available O&M Budget	Current Funding Request Amount (see note below)
Year -4	\$2,592		
Year -5	\$13,285		
Year -6	\$2,757		
Totals	\$18,634	(\$2,566)	\$21,200

Approved Original Budgeted O&M Funds less O&M Obligations to Date:

Total Approved Original O&M Baseline	O&M Obligations to Date	Remaining Available O&M Budget
\$4,058		
\$0		
Totals	\$6,624	(\$2,566)

Original Approved vs Proposed Revised Fully Funded Estimates:

Original Approved Fully Funded Baseline Estimate	Additional O&M funding required for remaining project life	Requested Revised Fully Funded Estimate
\$14,049,658	\$0	\$14,049,658

Phase I + Phase II for CU3 + Phase II for part CU4

Total Approved Original Budget less Total Proposed Revised Budget

Funding Category	Original Total	Proposed Revised Total	Difference
State O&M & Insp.	\$2,515,075	\$2,494,106	\$20,969
Corps Admin	\$0	\$0	\$0
Fed S&A & Insp	\$0	\$20,969	(\$20,969)
Total	\$2,515,075	\$2,515,075	\$0

Change in Total Cost and Cost Effectiveness:

Fully Funded Cost Estimate % Change	Original Cost Effectiveness	Revised Cost Effectiveness
0.00%	\$167,258	\$167,258

Note: The current funding request amount is within the original Years 0 through -6 baseline estimate .

COASTWIDE NUTRIA CONTROL PROGRAM (LA-03B)

FEDERAL AGENCY: NRCS

	TOTAL	Construction	O & M	Post Const Monitoring	COE Mgt
TASK FORCE APPROVED PHASE II BUDGET (YEARS 1-8)	\$19,427,921	\$1,682,839	\$17,029,668	\$709,089	\$6,325
EXPENDED: PROGRAM YR 1 (2002-2003)	\$1,797,063	\$1,682,839		\$113,518	\$706
EXPENDED: PROGRAM YR 2 (2003-2004)	\$1,770,229		\$1,696,217	\$73,283	\$729
EXPENDED: PROGRAM YR 3 (2004-2005)	\$1,580,451		\$1,523,412	\$56,287	\$752
EXPENDED: PROGRAM YR 4 (2005-2006)	\$1,059,670		\$954,192	\$104,701	\$776
EXPENDED / ESTIMATED: PROGRAM YR 5 In Progress (2006-2007)	\$2,382,715		\$2,306,553	\$75,361	\$801
ESTIMATED: PROGRAM YR 6 (2007-2008)	\$3,277,284		\$3,156,457	\$120,000	\$827
ESTIMATED: PROGRAM YR 7 (2008-2009)	\$3,282,195		\$3,156,342	\$125,000	\$853
ESTIMATED: PROGRAM YR 8 (2009-2010)	\$3,387,426		\$3,256,545	\$130,000	\$881
EXPENDED/ESTIMATED THRU PROGRAM YEAR 8	\$18,537,033	\$1,682,839	\$16,049,718	\$798,150	\$6,325
PROJECTED AVAILABLE BALANCE AFTER PROGRAM YEAR 8	\$890,888	\$0	\$979,950	-\$89,061	\$0
ESTIMATED: PROGRAM YR 9 (2010-2011)	\$3,392,664	\$0	\$3,256,755	\$135,000	\$909
2007 OM&M, MONITORING, and MGT REQUEST to Fund LA-03b THRU PROG. YR. 9	\$2,501,776	\$0	\$2,276,805	\$224,061	\$909

	PROJECTED EXPENDITURES			
	Prog. Yr 6	Prog. Yr 7	Prog. Yr 8	Prog. Yr 9
	2007-08	2008-09	2009-10	2010-11
NRCS S&A ¹	\$22,583	\$22,537	\$22,618	\$22,702
DNR S&A ¹	\$33,874	\$33,805	\$33,927	\$34,053
DWF Activities				
Nutria Herbivory Survey	\$100,000	\$105,000	\$110,000	\$115,000
General O&M Activities ²	\$500,000	\$500,000	\$600,000	\$600,000
Incentive Payments ³	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000
Nutria Survey Report	\$20,000	\$20,000	\$20,000	\$20,000
Contingency ³	\$600,000	\$600,000	\$600,000	\$600,000
COE Project Management	\$827	\$853	\$881	\$909
TOTAL	\$3,277,284	\$3,282,195	\$3,387,426	\$3,392,664

Note: the requested amounts are all within the original Years 1 thru 9 baseline estimate.

¹ S&A from original project budget estimate

² General Activities include program management, tail collections, etc.

³ Contingency would allow incentive payment and collection if harvest exceeds 400,000/year and cover other unforeseen costs

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

September 12, 2007

**REQUEST FOR FY11 COASTWIDE REFERENCE MONITORING SYSTEM
(CRMS)-WETLANDS MONITORING FUNDS AND PROJECT SPECIFIC
MONITORING FUNDS FOR PROJECTS ON PPLS 9+**

For Decision:

Following a presentation on the status/progress of CRMS over the past year, the following requests will be discussed by the Technical Committee, for recommendation to the Task Force:

- a. Project specific monitoring funding beyond the first 3-years for projects on PPLs 9+ (in order to maintain a 3-year rolling amount of funding) in the amount of \$13,530, for the following projects:
 - GIWW- Perry Ridge West Bank Stabilization (CS-30)
 - Grand-White Lakes Landbridge Protection (ME-19)
 - Coastwide Nutria Control Program (LA-03b)

- b. CRMS FY11 monitoring request in the amount of \$4,697,824.

**Budget Request for CWPPRA Monitoring
CWPPRA Technical Committee Meeting
September 12, 2007**

Out-year funding (2011)

Project-specific (PPL 9-11)

The following PPL 9-11 cash-flow projects will continue to have project-specific monitoring activities and will require addition out-year funding.

\$ 7,555 CS-30 GIWW Bank Stabil.(Perry Ridge to TX)

\$ 5,975 ME-19 Grand Lake/White Lake

\$224,061 LA-03b Coastwide Nutria Control Program

\$ 237,591 TOTAL

Coastwide Reference Monitoring System – Wetlands (CRMS-Wetlands)

CRMS-Wetlands has been funded by previous Task Force authorizations through FY10. The following request is for out-year funding through FY-11.

\$4,697,824 CRMS-Wetlands (replacement of expenditures from FY07)

CRMS-*Wetlands* Status Report Prepared for the
CWPPRA Technical Committee
September 12, 2007

I. Overview of authorization and funding approvals to date

CRMS-*Wetlands* was authorized by the CWPPRA Task Force on August 14, 2003. The following is a summary of budget authorizations and expenditures:

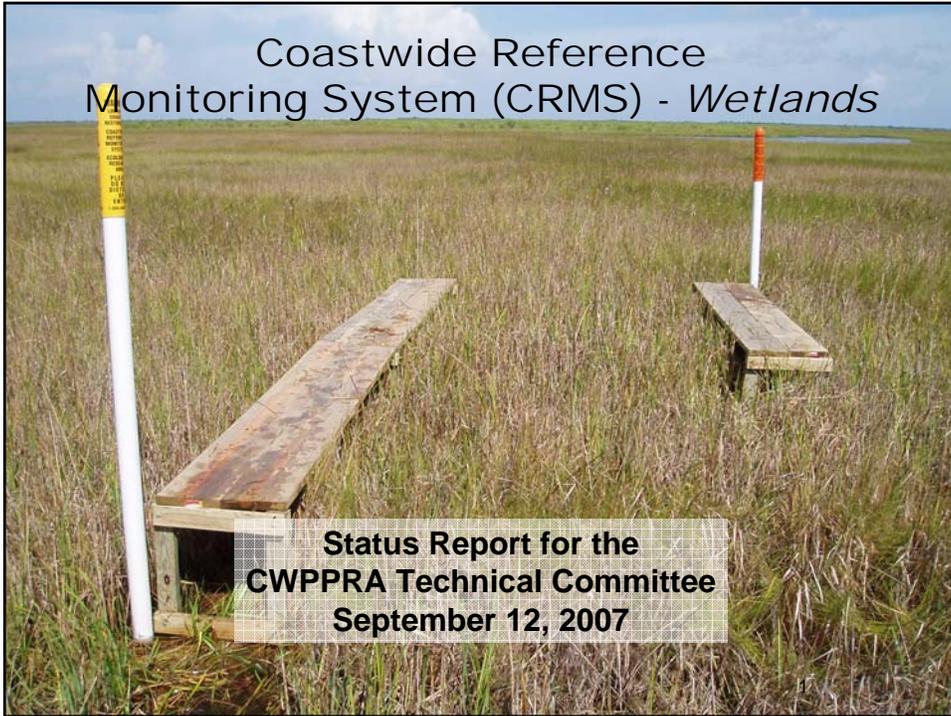
Funding Authorizations		
August 14, 2003	Funding for 2003 - 2006	\$12,397,506
	Existing PPL 1-8 projects	\$ 6,760,637
	from new funding	\$ 5,636,869
January 28, 2004:	Funding for 2007	\$ 3,101,357
October 13, 2004:	Funding for 2008	\$532,000 ^a
October 26, 2005:	Funding for 2009	\$1,036,109 ^a
October 18, 2006:	Funding for 2010	\$3,185,809 ^a
<u>October 25, 2007^b:</u>	<u>Funding for 2011</u>	<u>\$4,697,824^a</u>
TOTAL	Funding 2003 through 2011	\$24,950,605

^a(request reduced to only cover expenses to date)

^b(anticipated)

Expenses from July 1, 2006 through June 30, 2007	
Administration and Supervision	\$514,376
Landrights	\$275,365
Site Construction, Engineering Services, Equipment	\$1,835,604
Spatial and Temporal Data Collection	\$1,604,645
Database Management	\$229,636
<u>Analysis and Reporting</u>	<u>\$238,198</u>
TOTAL Expenditures July 1, 2006 through June 30, 2007	\$4,697,824

Coastwide Reference Monitoring System (CRMS) - *Wetlands*



Status Report for the
CWPPRA Technical Committee
September 12, 2007

Coastwide Reference Monitoring System - *Wetlands*

Site Distribution and Landrights Status



September 2007 Landrights Status:

- ▲ SECURED: 363
- PENDING: 27

CRMS-*Wetlands*: Implementation Status

Landrights

- 93% of CRMS sites secured

Construction

- 384 sites visited and characterized
- 256 sites fully constructed
- 80 additional sites with platforms constructed but not surveyed
- 12 additional sites approved to be constructed

Benchmarks

- 60 new benchmarks installed and tied into DNR network
- 32 additional benchmarks are currently being installed

CRMS-*Wetlands*: Implementation Status

(continued)

CRMS Data Collection (as of September 2007):

Hydrographic Data

- 195 sites currently collecting data

Vegetation Data

- 218 sites sampled in 2006
- 378 sites currently being sampled in 2007

Surface Elevation/Accretion

- 110 sites sampled in April 2007
- 160 sites to be sampled in October 2007
- 384 sites to be sampled in March 2008

Soil Properties

- 132 sites sampled

Aerial Photography

- coastwide photography and satellite imagery collected in Fall 2005

CRMS-*Wetlands*: Implementation Status (continued)

Data and Information Availability (as of September 2007):

Hydrographic Data

- 120 sites

Vegetation Data

- 218 sites with data from 2006

Surface Elevation/Accretion

- 110 sites with data from April 2007

Soil Properties

- 132 sites

Aerial Photography

- coastwide photography and satellite imagery collected in Fall 2005 available on lacoast.gov
- 355 sites with completed land:water analyses (143 in peer review)

Project-specific Reporting

- 2004 and 2005 OM&M reports – 64 reports recently finalized and uploaded to websites; 9 remain to be finalized
- 2007 OM&M reports – 18 draft reports completed and sent out for review on September 6th; 1 additional draft report will be sent out by mid-September (BA-02, BA-20, BA-23, CS-17, CS-20, CS-21, CS-28, CS-31, ME-04, ME-11, ME-19, PO-06, PO-24, PO-27, TE-26, TE-28, TE-41, TV-03, TV-14)

Data available through DNR SONRIS, USGS, or CWPPRA Websites

CRMS-*Wetlands*: Analytical Approach

Monitoring Work Group (March 6, 2007 Meeting)

- CRMS modifications to a fixed annual sampling design rather than rotational design
- Discussed analytical teams and approach
 - Landscape, Vegetation, Hydrology, Soils and Data Delivery Teams (academic and agency leads)
 - Developing analytical framework and tools for synthesizing and reporting
 - Analytical framework designed for site, project, basin, & coastwide scales
 - Products intended to be responsive to the needs of CWPPRA restoration and management

Individual Agency Meetings (July 2007)

- Demonstrated strawman analytical framework and product development for review and comment by CWPPRA agency engineers, project managers, and monitoring staff

Data Assessments

METRICS

- **Vegetation**

1. Cover
2. Species composition
3. Relative abundance
4. Dominance/calculated
5. Richness/calculated
6. Height
7. NDVI

- **Hydrology**

8. Water depth
9. Water duration/calculated
10. Flooding frequency/calculated
11. Salinity
12. Temperature

- **Soils**

13. Bulk density
14. % organic matter
15. Water content
16. Sediment elevation
17. Sediment accretion
18. Shallow subsidence
19. Salinity
20. Temperature
21. pH
22. Soil type
23. Relative sea level rise
24. Deep subsidence

- **Landscape**

25. Land:water ratio
26. NDVI

INDICES

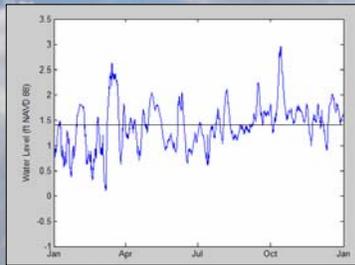
- Plant Vigor Index (1, 6, 7)
- Floristic Index (2, 3)
- Flooding Index (8, 9, 10)
- Salinity Index (8, 9, 10, 11)
- Flooded Marsh Salinity Index (6, 7, 8, 9, 10, 11)
- Porewater Salinity Index (19)
- Sustainable Elevation Index (16, 17, 18, 22, 23)
- Accretion Index (17)
- Spatial Integrity Index (25)
- Interspersion Index (25)

Hydrologic Indices

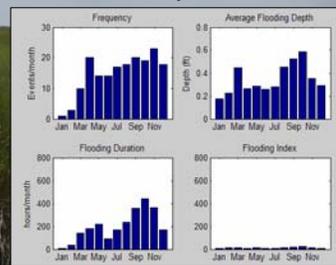
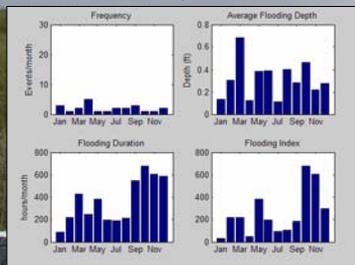
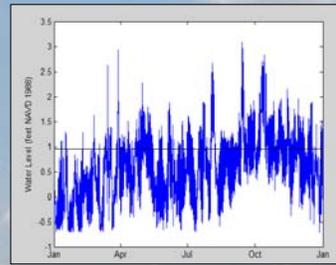
- 1) **Flooding index** – How long site is flooded during an “average” inundation event
- 2) **Salinity index** – Average length of time that salinity exceeds threshold value
- 3) **Flooding/salinity interaction** – Average length of time that site is flooded with water that exceeds salinity threshold

Hydrology Varies Throughout Basin

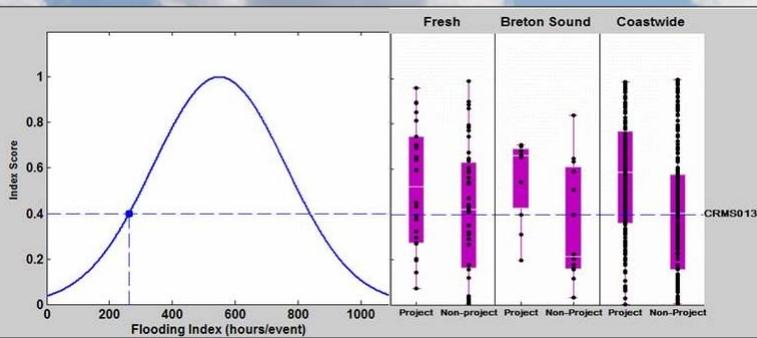
Upper Basin (fresh marsh)



Lower Basin (salt marsh)

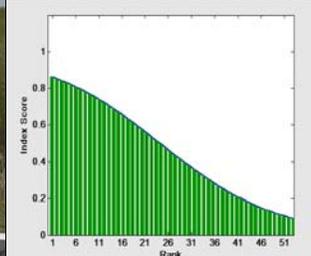


Flooding Indices



Boxplot showing distribution of index scores for project and non-project sites in fresh marsh (left panel), Breton Sound basin (middle panel), and across the coast (right panel). White line indicates median score, the boxes represent the area between the 25th and 75th percentile, and individual scores are represented by black dots.

Flooding index score as it relates to average flooding event duration in fresh marshes. A score of '1' indicates optimal conditions.



Rank distribution of flooding index scores for all CRMS sites classified as 'fresh marsh'. A rank of '1' is assigned to highest scoring CRMS site. The selected CRMS site is represented by the blue bar.

CRMS Soil Analysis Menu

Comparison Variables

- Soil series
- Accumulation
- Accretion
- Elevation
- Shallow compaction

Comparison Levels

- Site vs Site
- Site vs Project
- Project vs Reference
- Project vs Marsh type

Output Type

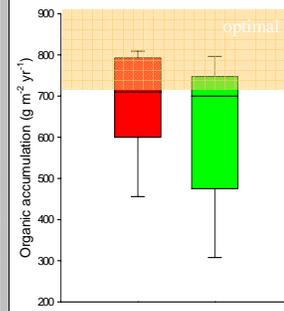
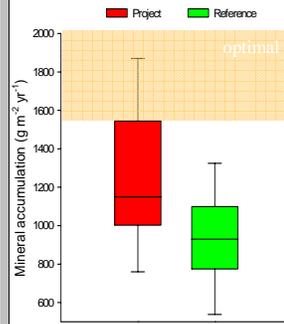
- Table
- Graphical

Period of Interest

- Yearly
- Long-term

Representation

- Summary statistics
- Timeline
- Boxplot
- Regression
- ANOVA



CS-20: Soil Accretion

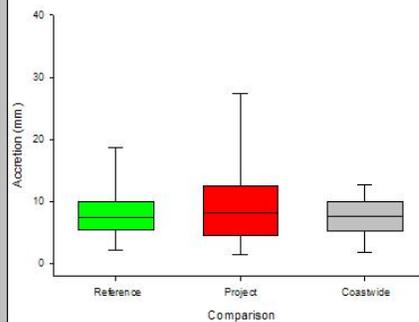
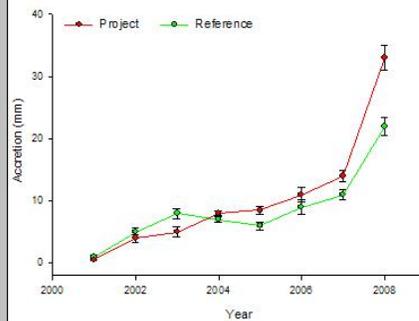
Comparison Levels:

Project v Reference v Coastwide (saline)

Comparison Summary (slope test):

Project > Reference = Coastwide (saline)

Summary statistics			
Level	Sites	Median	Mean (±S.E.)
Project	26 32 34...	9.2	11.1 (0.8)
Reference	18 31 24...	8.1	9.4 (0.7)
Coastwide (saline)	CS, ME...	8.4	8.6 (0.5)



Data and Information Availability

LaCoast

Coastwise Reference Monitoring System (CRMS)

Wetland restoration efforts conducted in Louisiana under the Coastal Wetlands Planning, Protection and Restoration Act require much as well as monitoring the cumulative effects of all projects in creating, creating, enhancing, and protecting the coastal landscape. The monitoring approach in Louisiana has been limited because of difficulty in finding comparable test sites. A multiple reference approach hydrogeomorphic functional assessments and probabilistic sampling.

This approach includes a suite of sites that encompass the range of ecological conditions for each station, with projects placed on a site. Trajectories in reference sites through time are then compared with project trajectories through time. The approach proposed could be even better.

[Project/Point presentation](#)

[Contacts](#)

Monitoring Data

Hydrographic, accretion, herbaceous marsh vegetation, soil properties, and surface elevation data collected by the LDNR / CRD Monitoring Section are now available on-line. All downloaded files will be in clipped, comma-delimited format with headers that describe the data. For a detailed explanation of all data types, please review the [Data Descriptions](#) document.

Hydrographic Data

Hydrographic data are now available in two general formats: data collected monthly and data collected hourly. Parameters sampled generally include: water level, water temperature, specific conductance, and salinity. In some rare instances water velocity and wind speed / direction are sampled at stations where hourly data are collected.

Monthly Data

[Link: Retrieve Monthly Data \(via SONRIS Lite\)](#)

Monthly hydrographic data can be downloaded by either project or station number for any range of dates that data are available. These files are relatively small as there are only approximately 12 records per station per year. In general, there is a much larger spatial distribution of stations where monthly data are collected than where hourly data are collected. The LDNR currently monitors over 400 stations throughout the coastal zone for monthly hydrographic data.

Hourly Data

[Link: Retrieve Hourly Data \(via SONRIS Lite\)](#)

Hourly hydrographic data may also be downloaded by project or by station number; however these files are much larger than the monthly files. For example, since one year of hourly sampling will yield approximately 8,760 records, a file for a project collected data at

Data and Information Availability

CRMS
Coastwise Reference Monitoring System

Spatial Viewer *Proof of Concept*

This viewer is a proof of concept viewer showing example datasets and may not represent accurate data.

Site Info *Proof of Concept*

Station ID: CRMS4450
 Lat Long: 30.35342011164081, -90.53180694580078
 Marsh Elevation: 1.2 NAVD88
 NGS Benchmark: CRMS CE-SM-01
 CWPPRA Project:
 IN: Big Island Mining (AT-03)
 Type: Dredged Material, Marsh Creation, Hydrologic Restoration
 Pre/Post Construction Pictures:

CRMS
Coastwise Reference Monitoring System

Spatial Viewer *Proof of Concept*

This viewer is a proof of concept viewer showing example datasets and may not represent accurate data.

Land/Water 2005

Class	AREA	PERCENT
Land	900	90%
Water	100	10%

Data and Information Availability

CRMS
Coastwide Reference Monitoring System

Spatial Viewer *Proof of Concept*

This viewer is a proof of concept viewer showing example datasets and may not represent accurate data.

Map | Satellite | Hybrid

Site Info | Vegetation | Water | Soil | Landscape | Report Card | Data

Marsh Classification: Intermediate
Vegetation Type: Oligohaline
Latest CRMS Veg Survey Date: 6/1/2007
Dominant Species: *Sagittaria lancifolia*
% Coverage: 45%

Salinity (ppt)	Aug 2007	2007	March 2008	July 2008	Nov 2008
Min	2	2	2	2	2
Max	7.5	7	9	8	8
Mean	3.5	3.5	3.5	3.5	3.5

CRMS Stations
CWPPRA Projects
Hydro Basins

Comments or Questions? Email Sumani.Chinnala

CRMS
Coastwide Reference Monitoring System

Spatial Viewer *Proof of Concept*

This viewer is a proof of concept viewer showing example datasets and may not represent accurate data.

Map | Satellite | Hybrid

Site Info | Vegetation | Water | Soil | Landscape | Report Card | Data

Spinal Data	Spinal Info	Investment	Prevalence	Mp	Incar	Miscids
Land/Water for CRRS0960 (2007)						
Aerial Photography mosaic for CRRS0960 (2007)						

CRMS Stations
CWPPRA Projects
Hydro Basins

Comments or Questions? Email Sumani.Chinnala

CRMS
Coastwide Reference Monitoring System

Spatial Viewer *Proof of Concept*

This viewer is a proof of concept viewer showing example datasets and may not represent accurate data.

Map | Satellite | Hybrid

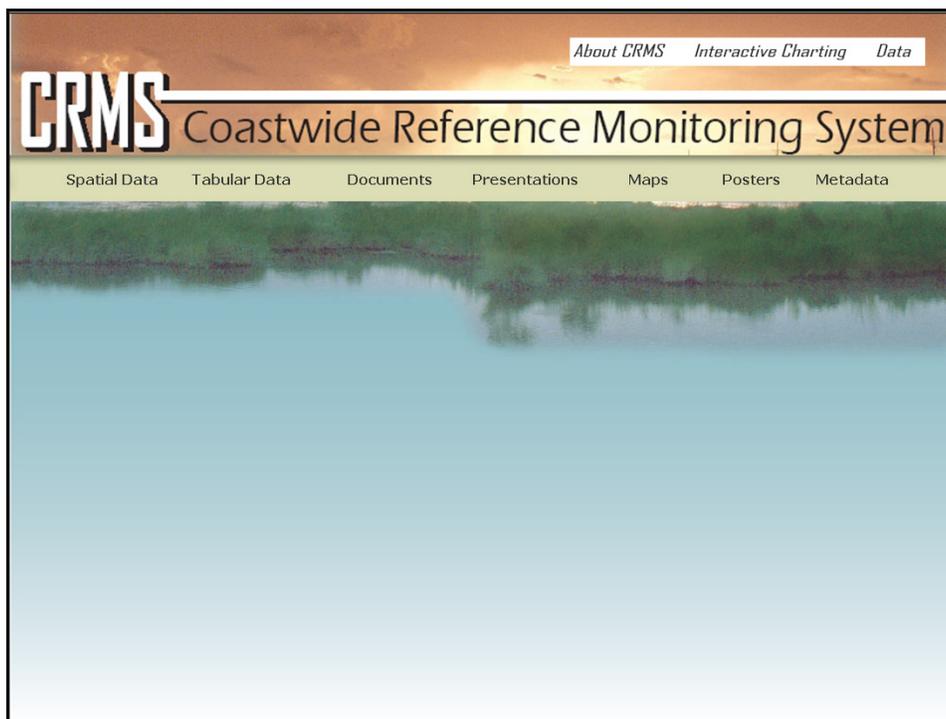
Site Info | Vegetation | Water | Soil | Landscape | Report Card | Data

Flooding Index

Peak: 1.0
Mean: 0.5
Min: 0.0
Max: 1.0

CRMS Stations
CWPPRA Projects
Hydro Basins

Comments or Questions? Email Sumani.Chinnala



CRMS-Wetlands: Authorizations and Current Request

AUTHORIZATIONS	
August 14, 2003: (2003-2006) (PPL 1-8 and new funding)	\$12,397,506
January 28, 2004: (2007)	\$3,101,357
October 13, 2004: (2008)	\$532,000
October 26, 2005: (2009)	\$1,036,109
October 18, 2006: (2010)	\$3,185,809
Total Authorized To Date:	\$20,252,781
October 25, 2007: (2011)	\$4,697,824
Total Anticipated Authorization	\$24,950,605
EXPENSES	
Expenses through FY06:	\$4,753,918
Expenses in FY07:	\$4,697,824
Total Expenses To Date	\$9,451,742
PROJECT BALANCE	
Current Project Balance (available funds):	\$10,801,039
FY11 Request (based on FY07 Expenses):	\$4,697,824
Anticipated Balance (pending approval):	\$15,498,863

CWPPRA Monitoring FY11 Funding Request

CRMS - <i>Wetlands</i>	\$4,697,824
CS-30 GIWW Bank Stabil. (Perry Ridge to TX)	\$7,555
ME-19 Grand Lake/White Lake	\$5,975
<u>LA-03b Coastwide Nutria Control Program</u>	<u>\$224,061</u>
Total	\$4,935,415



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION
ACT

TECHNICAL COMMITTEE MEETING

September 12, 2007

17TH PRIORITY PROJECT LIST

For Decision:

The Environmental Workgroup Chairman will present an overview of the ten PPL 17 candidate projects and three PPL17 demonstration candidate projects. The Technical Committee will vote to make a recommendation to the Task Force for selecting PPL 17.

CWPPRA PPL17 Technical Committee VOTE

12-Sep-07

Region	Project	COE	DNR	EPA	FWS	NMFS	NRCS	No. of votes	Sum of Point Score
2	Bohemia Mississippi River Reintroduction		3	6	2	4	5	5	20
2	Caernarvon Outfall Management/Lake Lery Shoreline Protection	5			6	6	6	4	23
2	West Pionte a la Hache Marsh Creation		4	5	4		4	4	17
2	Bayou Dupont Marsh and Ridge Creation		6	1		3	3	4	13
1	Irish Bayou Wetland Creation and Shoreline Protection	6	1		1		1	4	9
4	East Cove Marsh Creation	3	2	2			2	4	9
2	Pass a Loutre Restoration	4		4	5			3	13
3	Beach and Back Barrier Marsh Restoration - East Island		5	3		1		3	9
3	Southeast Lake Boudreaux Marsh Creation and Terracing Project	1			3	2		3	6
2	Bayou Thunder Marsh Creation and Shoreline Protection	2				5		2	7

0 0
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21 21 21 21 21 21 21 36 126
check 21 21 21 21 21 21 36 126

RUN MACRO FROM SECOND SHEET

The following voting process will be used to recommend projects under PPL16 to the Task Force:

1. Each agency represented in the Technical Committee will be provided one ballot for voting.
2. Each agency represented in the Technical Committee will cast weighted votes for 6 projects assigning a 6 to their highest priority vote and a 1 to their least priority vote. All votes must be used.
3. Each agency will submit their votes hand-written on the above ballot form
4. Initial ranking of projects will be determined based on the number of agency votes received for a project (unweighted).
5. A weighted Sum of Points Score will be tallied and used in the event of a tie in the initial ranking.
6. The Technical Committee will vote to recommend "up to four" projects to the Task Force.
7. In the event of a tie at the cutoff (up to 4), the weighted score may be used as a tie-breaker (if the Technical Committee decides to break the tie).
8. The tied projects will be ranked based upon a sum of the weighted score.

Lead Agency	Demonstration Project Name	Total Fully Funded Cost	COE	DNR	EPA	FWS	NMFS	NRCS	TOTAL SCORE
EPA	Bioengineered Oyster Reef Demo	\$1,981,822			1	1	1		3
FWS	Sediment Containment System for Marsh Creation Demo	\$1,163,343	1	1				1	3
NRCS	Positive Displacement Pump Demo	\$3,069,108							0
Total			1	1	1	1	1	1	6
			check	1	1	1	1	1	6

Voting Standards:

1. Each agency receives 1 vote. All listed agencies must cast votes.
2. Projects will be ranked by # of votes.

CWPPRA

Priority Project List 17

Candidate Project Evaluation Results



Technical Committee Meeting

September 12, 2007

New Orleans, LA

Overview of Project Nomination Process

- Regional Planning Team meetings were held Jan. 9-11, 2007 for each Coast 2050 region (Abbeville, Morgan City, and New Orleans) to accept project ideas from the public and government participants.
- Regional Planning Teams voted at a Coastwide Voting Meeting held on Feb 7, 2007 to select a total of 20 nominee projects, including two projects per basin, except in the Barataria and Terrebonne Basins, where 3 projects were selected for each. Six demonstration projects were also selected as nominees.
- The Technical Committee selected 10 candidate projects and 3 demo candidates for detailed evaluation on March 14, 2007.

Project Evaluation Procedures

- Interagency site visits were conducted with landowners and local governments.
- Project boundaries were determined.
- The Environmental Workgroup conducted Wetland Value Assessments (WVA) on each candidate project to estimate wetland benefits.
- The Engineering Workgroup reviewed designs and cost estimates for each project.

Project Evaluation Procedures (cont'd)

- The Environmental and Engineering Workgroups met to determine prioritization scores for each of the projects.
- The Environmental and Engineering Workgroups evaluated the candidate demonstration projects.
- The Economics Workgroup developed fully funded costs for engineering and design, construction, and 20 years of monitoring and operations and maintenance for each project.

Irish Bayou Wetland Creation and Shoreline Protection

- Located in Orleans Parish, between the Chef Pass and Interstate 10 on the Bayou Sauvage National Wildlife Refuge
- Approximately 17,000 feet of foreshore rock dike to protect the Lake Pontchartrain shoreline
- Hydraulically dredged material from a nearby borrow site will be pumped into two sites to create 121 acres of marsh
- Approximately 191 acres of marsh would be created/protected over the 20-year project life
- The estimated fully funded cost is \$19,647,483



Region 2

Bayou Dupont Marsh and Ridge Creation

Bayou Thunder Marsh Creation and Shoreline Protection

Caernarvon Outfall Management/Lake Lery Shoreline
Restoration

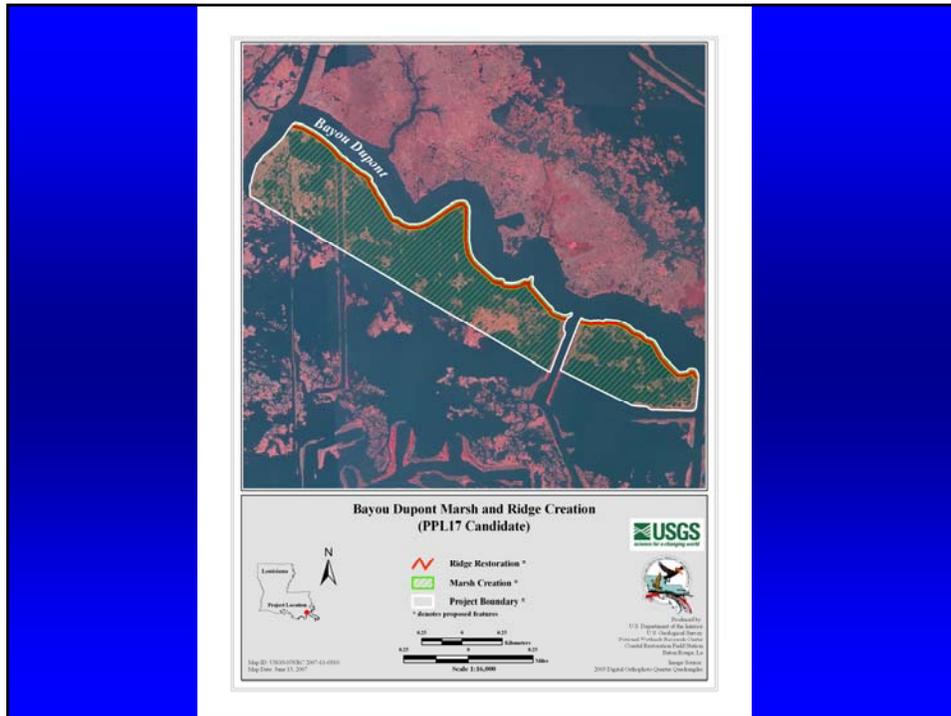
Bohemia Mississippi River Reintroduction

West Pointe a la Hache Marsh Creation

Pass a Loutre Restoration

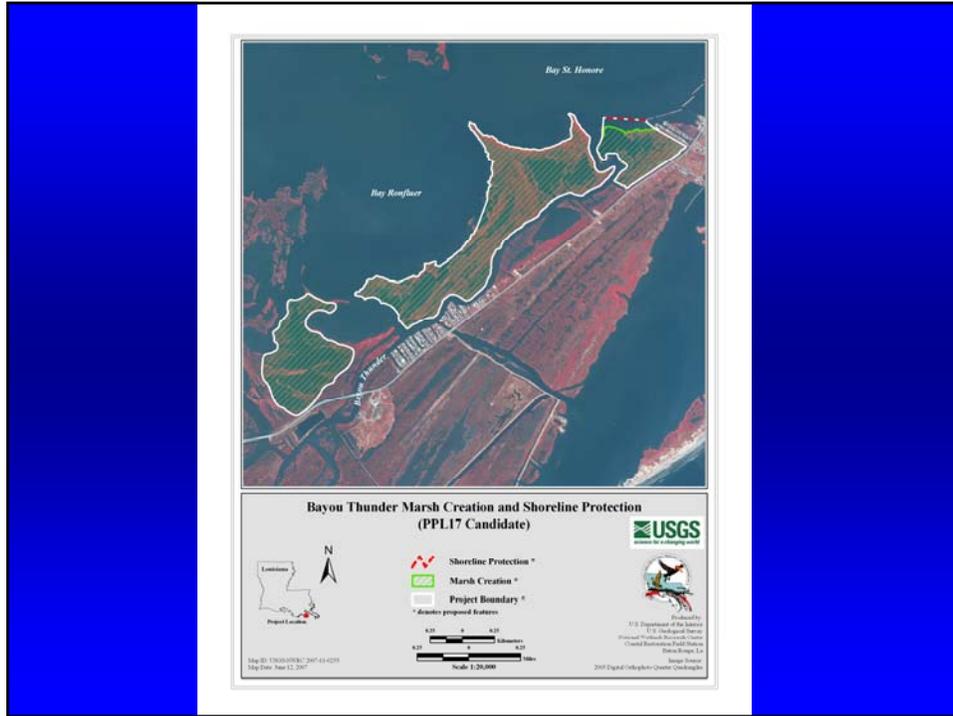
Bayou Dupont Marsh and Ridge Creation

- Located in Jefferson Parish, adjacent to Bayou Dupont, southeast of the Pen
- Sediments would be hydraulically dredged from the Mississippi River and pumped via pipeline to create 184 acres of marsh and nourish 103 acres of marsh
- A 17-acre forested ridge would be created along Bayou Dupont
- Approximately 187 acres of marsh and ridge would be created/protected over the 20-year project life.
- The estimated fully funded cost is \$21,626,767



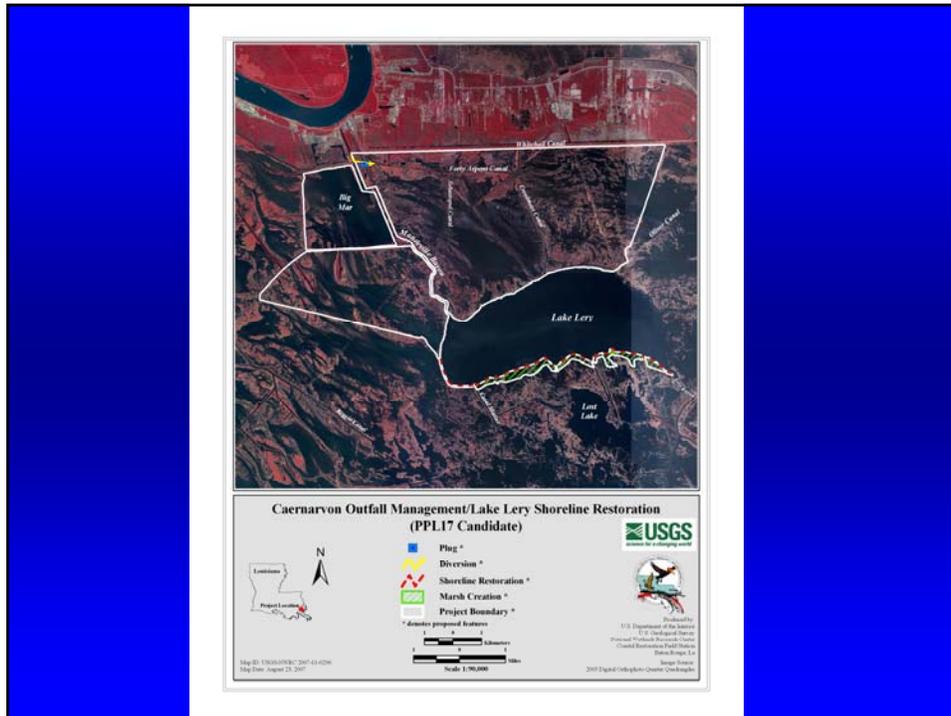
Bayou Thunder Marsh Creation and Shoreline Protection

- Located in Lafourche and Jefferson Parishes, near Chenier Caminada, north of Highway 1
- Sediments would be hydraulically dredged from a nearby borrow site and pumped via pipeline to create 175 acres of marsh and nourish an additional 173 acres of marsh
- The current breakwater system would be extended to protect an additional 1,500 feet of bay shoreline
- Approximately 163 acres of marsh would be created/protected over the 20-year project life
- The estimated fully funded cost is \$20,920,120



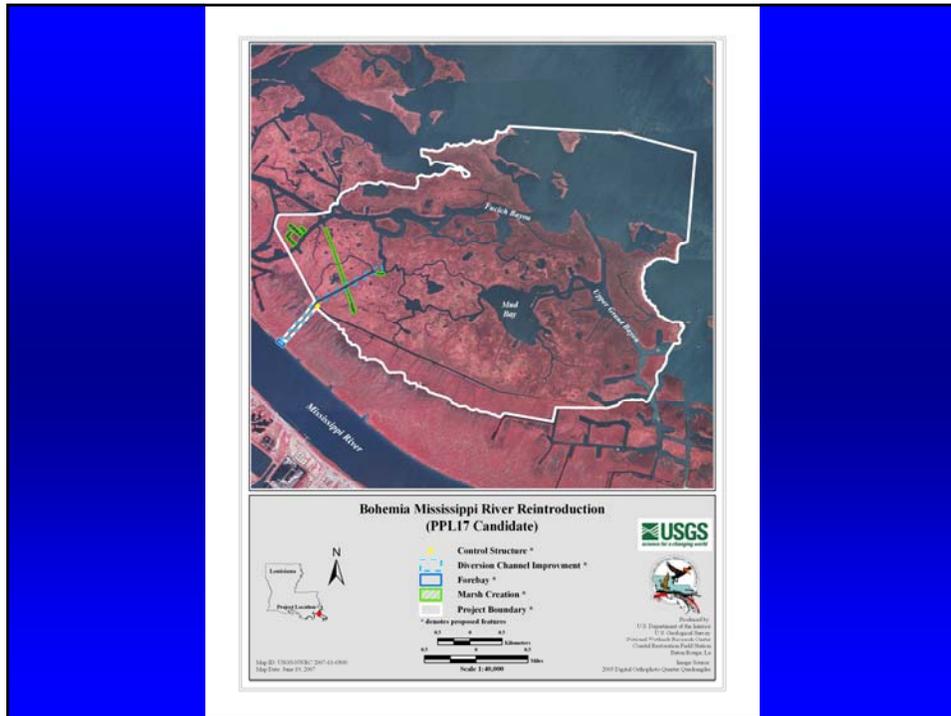
Caernarvon Outfall Management/Lake Lery Shoreline Restoration

- Located in St. Bernard and Plaquemines Parishes, north of Lake Lery and along the southern Lake Lery shoreline
- Approximately 10% (up to 800 cfs) of the Caernarvon outfall would be diverted into the marshes north of Lake Lery via a conveyance channel
- Sediments will be hydraulically dredged from Lake Lery and pumped via pipeline to create/nourish 396 acres of marsh and restore 32,000 feet of the southern Lake Lery shoreline
- Approximately 652 acres of marsh would be created/protected over the 20-year project life.
- The estimated fully funded cost is \$25,137,149



Bohemia Mississippi River Reintroduction

- Located in Plaquemines Parish, on the east bank of the Mississippi River
- An uncontrolled diversion would be constructed to allow a maximum flow of 10,000 cfs
- Material excavated for the conveyance channel would be used beneficially to create marsh
- Approximately 635 acres of marsh would be created/protected over the 20-year project life
- The estimated fully funded cost is \$6,923,792



West Pointe a la Hache Marsh Creation

- Located in Plaquemines Parish, near Lake Hermitage, in the outfall of the West Pointe a la Hache siphons
- Sediments will be hydraulically dredged from the Mississippi River and pumped via pipeline to create and nourish 352 acres of marsh
- Approximately 203 acres of marsh would be created/protected over the 20-year project life
- The estimated fully funded cost is \$16,136,639



Pass a Loutre Restoration

- Located in Plaquemines Parish, on the Mississippi River Delta, on Pass a Loutre WMA and Delta NWR
- Pass a Loutre would be dredged for 6.5 miles to restore channel flow to historic levels to increase sediment delivery in the southeastern portion of the delta
- Sediment from the channel dredging would be used to create 465 acres of marsh and 12 crevasses would be constructed on Pass a Loutre WMA
- Approximately 1,305 acres of marsh would be created/protected over the 20-year project life
- The estimated fully funded cost is \$26,591,033



Region 3

Southeast Lake Boudreaux Marsh Creation and Terracing

Beach and Back Barrier Marsh Restoration – East Island

Southeast Lake Boudreaux Marsh Creation and Terracing

- Located in Terrebonne Parish, west of the Bayou Petite Caillou ridge and south of the Boudreaux Canal
- Approximately 257 acres of marsh would be created and 39 acres nourished with sediment dredged from a borrow site within Lake Boudreaux
- Approximately 53,450 LF of terraces would be constructed to flank the created marsh and existing marsh in the project area
- Approximately 231 acres of marsh would be created/protected over the 20-year project life
- The estimated fully funded cost is \$20,431,032



Beach and Back Barrier Marsh Restoration – East Island

- Located in Terrebonne Parish, on the eastern end of the Isles Dernieres
- Sediment would be hydraulically dredged from a nearby borrow site to create 160 acres of marsh on the bay side of East Island
- Sediment would also be placed along the Gulf shoreline to nourish the beach and provide sand to downdrift areas
- Approximately 92 acres of barrier island habitats would be created/protected over the 20-year project life
- The estimated fully funded cost is \$19,535,422



Region 4

East Cove Marsh Creation

East Cove Marsh Creation

- Located in Cameron Parish, in the southwestern portion of the Cameron-Creole Watershed, on Cameron Prairie NWR
- During normal maintenance dredging of the Calcasieu Ship Channel, sediment would be used beneficially to create marsh on Cameron Prairie NWR
- The project would be constructed during two maintenance dredging events to create/nourish a total of 604 acres of marsh in two disposal sites
- Approximately 509 acres of marsh would be created/protected over the 20-year project life
- The estimated fully funded cost is \$18,413,579



Demonstration Projects

- Contain technology that has not been fully developed for routine application in coastal Louisiana or in certain regions of the coastal zone.
- Contain new technology which can be transferred to other areas of the coastal zone.
- Are unique and are not duplicative in nature.

Demonstration Projects

- Demonstration Projects were nominated at the 4 Regional Planning Team meetings.
- Six (6) demonstration nominees were selected at the February 7, 2007 Coastwide voting meeting.
- The Technical Committee selected 3 candidate demos on March 14, 2007.

Proposed Demonstration Projects

Bio-Engineered Oyster Reef

Positive Displacement Pump Solution

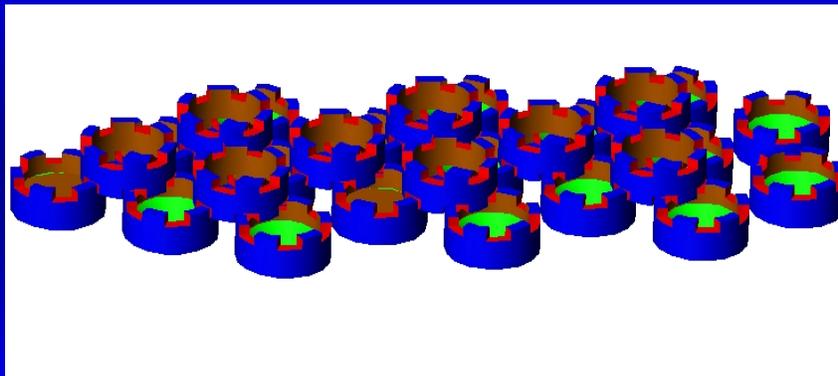
Sediment Containment System for Marsh
Creation

Bio-Engineered Oyster Reef

- Goals: Determine the effectiveness of an Oysterbreak in reducing beach erosion along the Gulf of Mexico shoreline in areas of poor load-bearing capacity
- Features: The Oysterbreak is a light-weight, modular shore protection device that uses accumulating biomass (oyster reef) to dissipate wave energy. The modular units are sized to achieve moderate initial wave energy reduction. As oyster growth increases, the structure's ability to reduce wave energy also increases. An oyster spat attractant is injected within the structural components of the device to promote oyster growth.
- Cost: The estimated fully funded cost is \$1,981,822

Bio-Engineered Oyster Reef

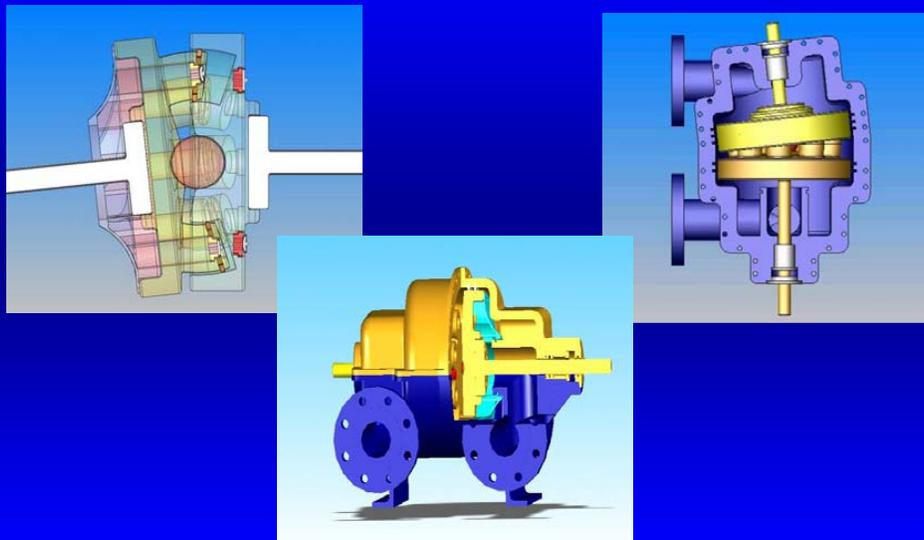
Oysterbreak Structure



Positive Displacement Pump Solution

- Goals: Determine the ability of a newly-patented positive displacement pump to pump a high-volume sediment slurry over great distances (5-10 miles).
- Features: This system uses a high-pressure jet to provide an increased suspended sediment load for the pump. The system can act as a passive, unmanned unit to pump sediment 24 hours a day. The system would serve as a replacement for conventional operations which require a dredge and booster pump to deliver sediment over large distances.
- Cost: The estimated fully funded cost is \$ 3,069,108.

Positive Displacement Pump



Sediment Containment System for Marsh Creation

- Goals: Demonstrate the effectiveness of a sediment containment system to strategically define areas of accumulation and improve sediment retention in small and medium freshwater diversions as well as contain fluid material delivered via hydraulic dredging to create marsh.
- Features: Sediment containment system will be used to isolate areas to increase sediment retention within the outfall area of a diversion. The system will also be used for containment of dredged material in a marsh creation application.
- Cost: The estimated fully funded cost is \$ 1,163,343.

Sediment Containment System



Written Comments Should be Mailed to the Task Force (Deadline: September 5, 2007)

Colonel Alvin B. Lee
District Engineer, New Orleans
U.S. Army Corps of Engineers
P.O. Box 60267
New Orleans, Louisiana 70160
Or Fax to 504-862-1892
Attn: Melanie Goodman
Email: Melanie.L.Goodman@mvn02.usace.army.mil



Priority Project List Number 17

Candidate Projects



Public Meetings – August 2007

**Abbeville
August 29th**

**New Orleans
August 30th**

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The 17th Priority List Planning Process

I. Development of Supporting Information

A. COE staff prepares spreadsheets indicating status of all restoration projects (CWPPRA PL 1-16; Louisiana Coastal Area (LCA) Feasibility Study, Corps of Engineers Continuing Authorities 1135, 204, 206; and State only projects). Also, indicate net acres at the end of 20 years for each CWPPRA project.

B. DNR/USGS staff prepares basin maps indicating:

- 1) Boundaries of the following projects types (PL 1-16; LCA Feasibility Study, COE 1135, 204, 206; and State only).
- 2) Locations of completed projects,
- 3) Projected land loss by 2050 with freshwater diversions at Caernarvon and Davis Pond and including all CWPPRA projects approved for construction through October 2006.
- 4) Regional boundary maps with basin boundaries and parish boundaries included.

II. Areas of Need and Project Nominations

A. The four Regional Planning Teams (RPTs) meet, examine basin maps, discuss areas of need and Coast 2050 strategies, and accept nomination of projects by hydrologic basin. Nominations for demonstration projects will also be accepted at the four RPT meetings. The RPTs will not vote at their individual regional meetings, rather voting will be conducted during a separate coast-wide meeting. At these initial RPT meetings, parishes will be asked to identify their official parish representative who will vote at the coast-wide RPT meeting.

B. One coast-wide RPT voting meeting will be held after the individual RPT meetings to present and vote for nominees (including demonstration project nominees). The RPTs will choose no more than two projects per basin, except that three projects may be selected from Terrebonne and Barataria Basins because of the high loss rates in those basins. A total of up to 20 projects could be selected as nominees. Selection of the projects nominated per basin will be by consensus, if possible. If voting is required, each officially designated parish representative in the basin will have one vote and each federal agency and the State will have one vote. The RPTs will also select up to six demonstration project nominees at this coast-wide meeting. Selection of demonstration project nominees will be by consensus, if possible. If voting is required, officially designated representatives from all coastal parishes will have one vote and each federal agency and the State will have one vote.

C. A lead Federal agency will be designated for the nominees and demonstration project nominees to assist LDNR and local governments in preparing preliminary project support information (fact sheet, maps, and potential designs and benefits). The Regional Planning Team Leaders will then transmit this information to the P&E Subcommittee, Technical Committee and members of the Regional Planning Teams.

III. Preliminary Assessment of Nominated Projects

A. Agencies, parishes, landowners, and other individuals informally confer to further develop projects. Nominated projects should be developed to support one or more Coast 2050 strategies. The goals of each project should be consistent with those of Coast 2050.

B. Each sponsor of a nominated project will prepare a brief Project Description (no more than one page plus a map) that discusses possible features. Fact sheets will also be prepared for demonstration project nominees.

C. Engineering and Environmental Work Groups meet to review project features, discuss potential benefits, and estimate preliminary fully funded cost ranges for each project. The Work Groups will also review the nominated demonstration projects and verify that they meet the demonstration project criteria.

D. P&E Subcommittee prepares matrix of cost estimates and other pertinent information for nominees and demonstration project nominees and furnishes to Technical Committee and Coastal Protection and Restoration Authority (CPRA).

IV. Selection of Phase 0 Candidate Projects

A. Technical Committee meets to consider the project costs and potential wetland benefits of the nominees. Technical Committee will select ten candidate projects for detailed assessment by the Environmental, Engineering, and Economic Work Groups. At this time, the Technical Committee will also select up to three demonstration project candidates for detailed assessment by the Environmental, Engineering, and Economic Work Groups. Demonstration project candidates will be evaluated as outlined in Appendix E.

B. Technical Committee assigns a Federal sponsor for each project to develop preliminary Wetland Value Assessment data and engineering cost estimates for Phase 0 as described below.

V. Phase 0 Analysis of Candidate Projects

A. Sponsoring agency coordinates site visits for each project. A site visit is vital so each agency can see the conditions in the area and estimate the project area boundary. Field trip participation should be limited to two representatives from each agency. There will be no site visits conducted for demonstration projects.

B. Environmental and Engineering Work Groups and the Academic Advisory Group meet to refine project features and develop boundaries based on site visits.

C. Sponsoring agency develops Project Information Sheets on assigned projects, using formats developed by applicable work groups; prepares preliminary draft Wetland Value Assessment Project Information Sheet; and makes Phase 1 engineering and design cost estimates and Phase 2 construction cost estimates.

D. Environmental and Engineering Work Groups evaluate all projects (excluding demos) using the WVA and review design and cost estimates.

E. Engineering Work Group reviews and approves Phase 1 and 2 cost estimates.

F. Economics Work Group reviews cost estimates and develops annualized (fully funded) costs.

G. Environmental and Engineering Work Groups apply the Prioritization Criteria and develop prioritization scores for each candidate project.

H. Corps of Engineers staff prepares information package for Technical Committee and CPRA. Packages consist of:

- 1) updated Project Information Sheets;
- 2) a matrix for each region that lists projects, fully funded cost, average annual cost, Wetland Value Assessment results in net acres and Average Annual Habitat Units (AAHUs), cost effectiveness (average annual cost/AAHU), and the prioritization score.
- 3) qualitative discussion of supporting partnerships and public support; and

I. Technical Committee hosts two public hearings to present information from H above and allows public comment.

VI. Selection of 17th Priority Project List

A. The selection of the 17th PPL will occur at the Fall Technical Committee and Task Force meetings.

B. Technical Committee meets and considers matrix, Project Information Sheets, and public comments. The Technical Committee will recommend up to four projects for selection to the 17th PPL. The Technical Committee may also recommend demonstration projects for the 17th PPL.

C. The CWPPRA Task Force will review the TC recommendations and determine which projects will receive Phase 1 funding for the 17th PPL.

D. The CPRA reviews projects on the 17th Priority List and considers for Phase I approval and inclusion in the upcoming Comprehensive Master Coastal Protection Plan.

Irish Bayou Wetland Creation and Shoreline Protection

Coast 2050 Strategy:

- Coastwide: Dedicated dredging to create, restore, or protect wetlands
- Coastwide: Maintenance of Gulf, bay and lake shoreline integrity
- Region1, Restore/Sustain Wetlands:#9, dedicated delivery of sediment for marsh building
- Region 1, Protect Bay and Lake Shorelines: #10, maintain shoreline integrity of Lake Pontchartrain to protect regional ecosystem values.
- Region1, Maintain Critical Landforms: #15, maintain Eastern New Orleans land bridge by marsh creation and shoreline protection.
- Mapping Unit Strategies: Region 1, East Orleans Land Bridge, #35, dedicated dredging; #36 maintain shoreline integrity.

Project Location:

Region 1, Pontchartrain Basin, Orleans Parish, East Orleans land bridge mapping unit, Norfolk Southern Railroad to Point aux Herbes south along Lake Pontchartrain to Bayou Chevee.

Problem:

The landfall of Hurricane Katrina in southeast Louisiana destroyed thousands of acres of marsh and other coastal habitats in the Lake Pontchartrain basin. The hurricane weakened the Lake Pontchartrain shore between the lake rim and interior marshes near Bayou Chevee. In some cases the storm removed large expanses of the shoreline and exposed interior marshes. Currently only a portion of the lakeshore is protected by a rock dike (PPL 5, PO-22). This dike was originally tied to the shoreline; however the interior marsh has eroded away. Continued shoreline erosion and future storms could create a direct path of open water connecting Lake Pontchartrain with Irish Bayou and the Bayou Sauvage NWR.

Goals:

The goals of the project are to reduce shoreline erosion and create marsh in order to prevent the lake shoreline from breaking into the interior marsh ponds.

Proposed Solution:

Construct 16,810 LF of new foreshore rock dikes and raise the height of 3,000 LF of existing rock dikes to be used for containment and to protect shoreline and interior marshes. Create 121 acres of marsh in shallow open water sites behind the rock shoreline protection.

Project Benefits:

The project would benefit about 232 acres of brackish marsh and open water. Approximately 191 acres of marsh would be created/protected over the 20-year project life.

Project Costs:

The total fully funded cost for the project is \$ 19,647,483.

Preparers of Fact Sheet:

Robert Dubois, USFWS, (337) 291-3127, Robert_Dubois@fws.gov

Travis Creel, USACE, (504) 862-1071, Travis.J.Creel@mvn02.usace.army.mil



**Irish Bayou Wetland Creation and Shoreline Protection
(PPL17 Candidate)**



-  PO-22 Existing Rock Dike
-  Bayou Sauvage Shoreline Protection *
-  Shoreline Protection *
-  Marsh Creation *
-  Project Boundary *

* denotes proposed features



Map ID: USGS-NWRC 2007-11-0242
Map Date: August 05, 2007



Produced by:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station
Baton Rouge, La

Image Source:
2005 Digital Orthophoto Quarter Quadrangles

Bayou Dupont Marsh and Ridge Creation

Coast 2050 Strategy:

- Coastwide Strategy – Dedicated Dredging, to Create, Restore, or Protect Wetlands

Project Location:

Region 2, Barataria Basin, Jefferson Parish, adjacent to Bayou Dupont southeast of the Pen.

Problem:

There is widespread historic and continued rapid land loss in the project area due to altered hydrology, wind erosion, and subsidence. Wetlands in the project vicinity are being lost at the rate of -1.72% /year based on USGS data from 1988 to 2006.

Goals:

Project goals include 1) creating/nourishing marsh and associated edge habitat for aquatic species through pipeline sediment delivery from the Mississippi River, and 2) creating a ridge along a portion of the southwestern shoreline of Bayou Dupont. Specific phase 0 goals include creating 184 acres brackish marsh, nourishing 118 acres of brackish marsh and constructing about 15 acres of maritime ridge habitat.

Proposed Solution:

Approximately 184 acres of marsh would be created and 103 acres of existing marsh would be nourished via confined disposal of sediment dredged from the Mississippi River.

About 17 acres of ridge would be created along the bayou after the fill material consolidates to allow shaping up to a +6 ft crown, 30 ft wide. Approximately 10 acres of a bayou side marsh berm would be constructed during the ridge shaping. Containment dikes would be breached no later than three years after construction. The created marsh and ridge would be planted as well as intense Chinese Tallow control would be conducted for the ridge. Collectively, this would be the first step to restoring the banklines of Bayou Dupont.

Project Benefits:

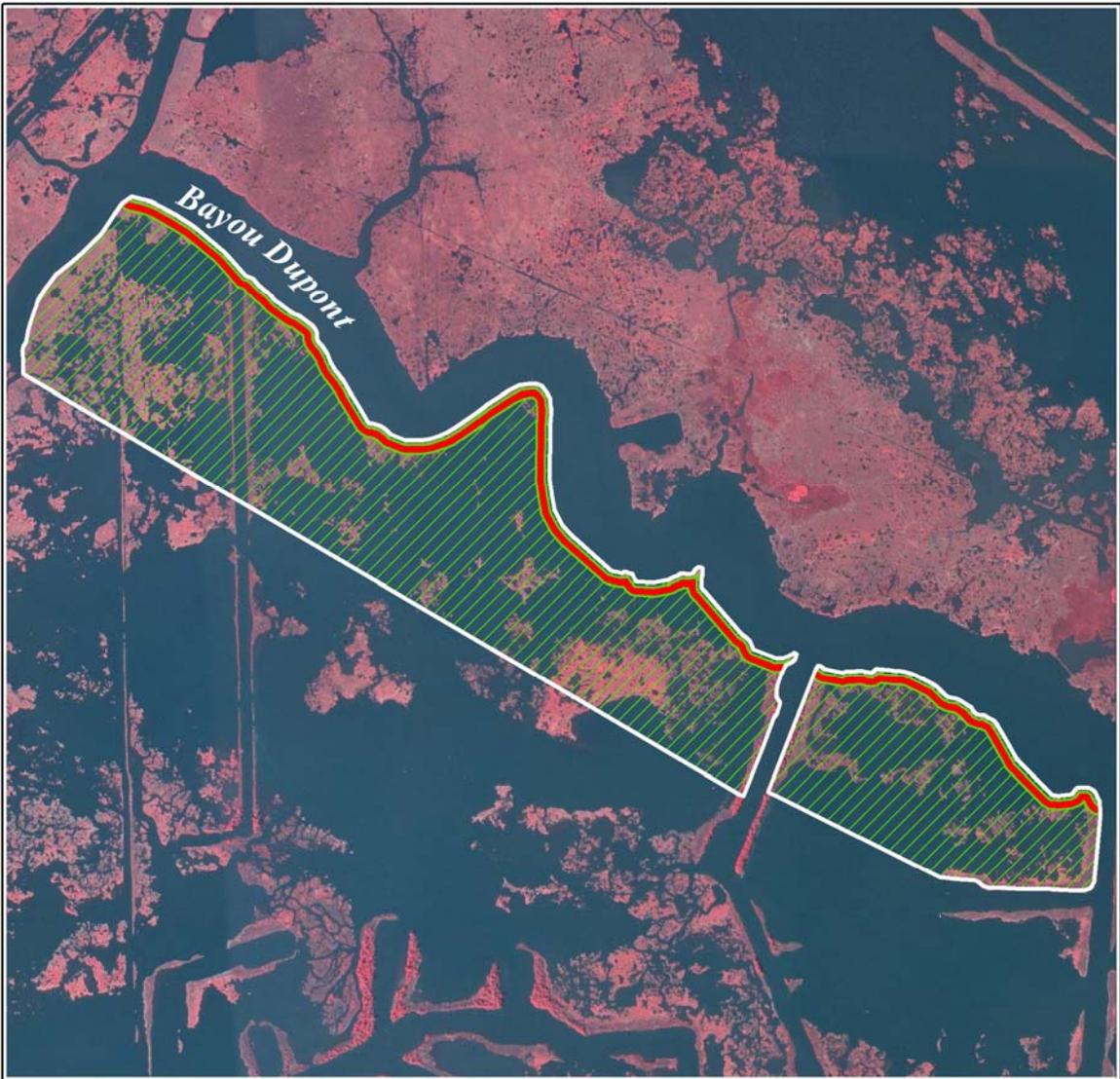
The project would benefit 317 acres of brackish fresh marsh and open water. Approximately 170 acres of brackish marsh and 17 acres of ridge would be created/protected over the 20-year project life.

Project Costs:

The total fully funded cost for the project is \$ 21,626,767.

Preparers of Fact Sheet:

Patrick Williams, NOAA's National Marine Fisheries Service, (225) 389-0508, ext 208; Patrick.Williams@noaa.gov



Bayou Dupont Marsh and Ridge Creation (PPL17 Candidate)



-  Ridge Restoration *
-  Marsh Creation *
-  Project Boundary *

* denotes proposed features



Map ID: USGS-NWRC 2007-11-0310
Map Date: June 15, 2007



Produced by:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station
Baton Rouge, La

Image Source:
2005 Digital Orthophoto Quarter Quadrangles

Bayou Thunder Marsh Creation and Shoreline Protection

Coast 2050 Strategy:

- Dedicated dredging to create marsh
- Maintain Caminada Bay shoreline integrity

Project Location:

Region 2, Barataria Basin, Lafourche and Jefferson Parishes, Chenier Caminada, north of Hwy 1.

Problem:

The marshes between Caminada Bay and Highway 1 are experiencing both bay margin erosion and interior loss. Bay shoreline erosion estimates based on 1998 and 2005 aerial photography suggest that erosion in this area ranges from five feet/year to in excess of 50 feet/year in some areas. Significant interior losses are occurring as well. It is anticipated that in the next 20 years, half of the existing marshes in the project area will be converted to open water. Continued loss in this area may lead to adverse impacts to adjacent developed areas along Chenier Caminada and Highway 1. Based on anecdotal information, it appears that recent wetland losses in this area may contribute to local flooding of Highway 1.

Goals:

- Maintain landform separating Caminada Bay, Chenier Caminada, and Highway 1 through the creation of 175 acres and nourishment of an additional 173 acres of saline marsh.
- Provide shoreline protection as needed to reduce bay shoreline erosion along 1,500 feet of critically eroding shoreline.

Proposed Solution:

This project would create 175 acres marsh in existing open water areas and nourish an additional 173 acres fragmented marsh. Additionally, extension of the existing shoreline protection will be considered to maintain a continuous marsh buffer between Highway 1 and Caminada Bay.

Project Benefits:

The project would benefit at least 348 acres of saline marsh and bay rim. Approximately 163 acres of marsh would be created/protected over the 20-year project life. Additionally, the project would maintain the landform that separates the open waters of Caminada Bay from Chenier Caminada and the Highway 1 corridor.

Project Costs:

The total fully funded cost for the project is \$ 20,920,120 .

Preparers of Fact Sheet:

Rachel Sweeney, NOAA Fisheries, (225)389-0508, Rachel.Sweeney@noaa.gov

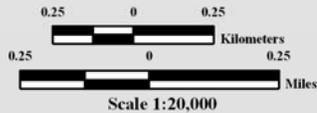


Bayou Thunder Marsh Creation and Shoreline Protection (PPL17 Candidate)



-  Shoreline Protection *
-  Marsh Creation *
-  Project Boundary *

* denotes proposed features



Produced by:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station
Baton Rouge, La

Map ID: USGS-NWRC 2007-11-0255
Map Date: June 12, 2007

Image Source:
2005 Digital Orthophoto Quarter Quadrangles

Caernarvon Outfall Management and Lake Lery Shoreline Restoration

Coast 2050 Strategy:

- Region 2 - Restore and Sustain Marshes via Managing Outfall of Existing Diversions
- Coastwide – Dedicated dredging for wetland creation.
- Coastwide – Maintenance of bay and lake shoreline integrity.
- Coastwide - Vegetative Plantings

Project Location:

Region 2, Breton Sound Basin, St. Bernard and Plaquemines Parishes, Caernarvon mapping unit, marshes located north and south of Lake Lery.

Problem:

1) According to USGS-NWRC mapping, much of the wetlands surrounding Lake Lery were heavily damaged along with the Lake Lery shoreline due to Hurricane Katrina. Wind induced waves within Lake Lery could further damage the lakes shorelines and cause accelerated interior marsh loss. 2) Marshes north of Lake Lery have historically not benefited from the diversion as have those marshes to the south and west. Those marshes to the east have been deteriorating from increased salinities and a lack of freshwater from the diversion. After Katrina the two canals that transported the limited amount of freshwater eastward have been completely blocked with debris to a point where there is virtually no fresh water reaching those marshes. Furthermore, these same marshes were severely damaged from the storm and with the lack of fresh water from the diversion it is unlikely that they will be restored without some assistance.

Goals:

The goal of this project is to stop shoreline erosion and to promote accretion of marsh between the breakwater and the existing shoreline.

Proposed Solution:

This project would divert a portion of the river water by dredging an 850 LF conveyance channel from the Caernarvon Outfall Canal across the Caernarvon Canal to the marshes east of Bayou Mandeville. This project would also restore approximately 32,000 linear feet of the Lake Lery shoreline and plant the restored lakeward edge. Approximately 396 acres of interior marsh along the southern shoreline of Lake Lery would be created or nourished.

Project Benefits:

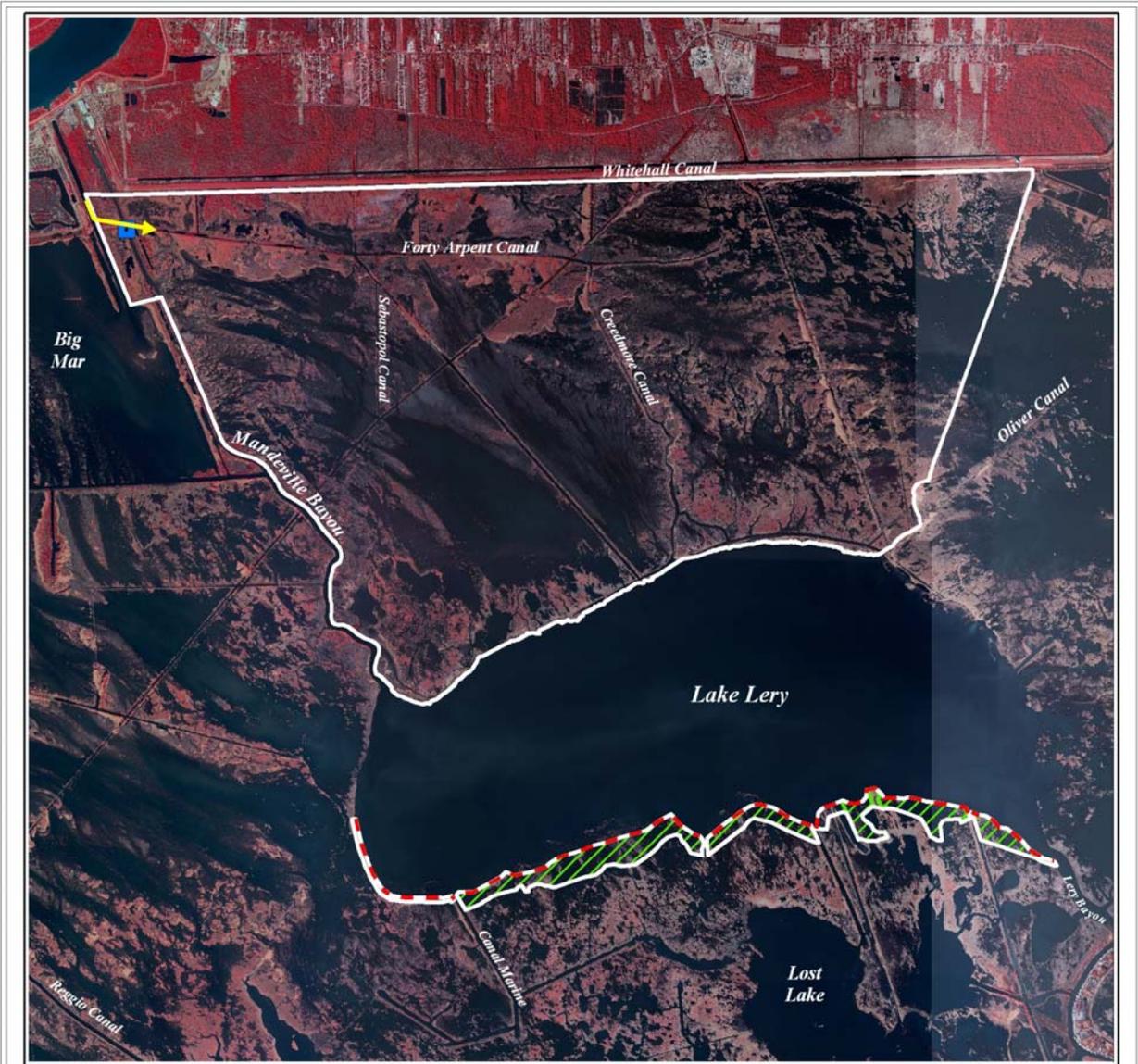
The project would benefit approximately 10,899 acres of intermediate marsh and open water. Approximately 652 acres of marsh would be created/protected over the 20-year project life.

Project Costs:

The total fully funded cost for the project is \$ 25,137,149.

Preparers of Fact Sheet:

Robert Dubois, USFWS, (337) 291-3127, robert_dubois@fws.gov
Loland Broussard, NRCS, (337)291-3069, loland.broussard@la.usda.gov



**Caernarvon Outfall Management/Lake Lery Shoreline Restoration
(PPL17 Candidate)**



-  Plug *
-  Diversion *
-  Shoreline Restoration *
-  Marsh Creation *
-  Project Boundary *

* denotes proposed features

1 0 1 Kilometers

1 0 1 Miles

Scale 1:70,000

Map ID: USGS-NWRC 2007-11-0296
Map Date: August 05, 2007

Produced by:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station
Baton Rouge, La

Image Source:
2005 Digital Orthophoto Quarter Quadrangles

Bohemia Mississippi River Reintroduction

Coast 2050 Strategies:

- Regional Ecosystem Strategy-Restore and Sustain marshes
- Region Regional Strategy: #8 Construct most effective small diversions.

Project Location:

Region 2, Breton Sound Basin, Plaquemines Parish, East bank of the Mississippi River approximately 6.5 miles upstream of the Bayou Lamoque diversion structures.

Problem:

As a result of the leveeing of the Mississippi River for navigation and flood control, this area was cut off from the historic overbank flooding of the river. Isolating the wetlands from the Mississippi River has severely limited the amount of new land that can be created here by the river. Freshwater, sediment, and nutrients that could be helping to build new wetlands here and elsewhere are shunted off the edge of the continental shelf in the Gulf of Mexico.

Goals:

- Create approximately 640 acres of marsh
- Convert saline and brackish marsh to brackish and intermediate marsh
- Increase submerged aquatic vegetative cover
- Increase shallow water habitat
- Improve habitat interspersions

Proposed Solution:

Reintroduce Mississippi River water into the wetlands, restoring natural deltaic growth and habitats. An uncontrolled diversion with a capacity of approximately 10,000 cubic ft per second will be constructed.

Project Benefits:

The project would benefit 5,227 acres of saline and brackish marsh and open water. Approximately 635 acres of marsh would be created/protected over the 20-year project life.

Project Costs:

The total fully funded cost for the project is \$6,923,792.

Preparers of Fact Sheet:

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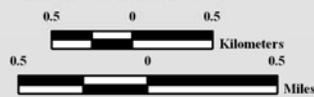


Bohemia Mississippi River Reintroduction (PPL17 Candidate)



-  Control Structure *
-  Diversion Channel Improvement *
-  Forebay *
-  Marsh Creation *
-  Project Boundary *

* denotes proposed features



Map ID: USGS-NWRC 2007-11-0300
Map Date: June 19, 2007



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National Wetlands Research Center
Coastal Restoration Field Station
Baton Rouge, La

Image Source:
2005 Digital Orthophoto Quarter Quadrangles

West Pointe a la Hache Marsh Creation

Coast 2050 Strategies:

- Dedicated dredging to create, restore, or protect wetlands
- Off-shore and riverine sand and sediment resources

Project Location:

Region 2, Barataria Basin, Plaquemines Parish, in the outfall area of the West Pointe a la Hache siphon

Problem:

As a result of leveeing of the Mississippi River for navigation and flood control, the West Pointe a la Hache wetlands were cut off from the historic overbank flooding of the river. Without continued sediment input, marshes couldn't maintain viable elevations due to ongoing subsidence. In addition, oil and gas canals disrupted hydrology and facilitated saltwater intrusion further degrading the marsh. Beginning in 1993, the siphons at West Pointe a la Hache were operated to reintroduce Mississippi River water, fine sediments, and nutrients into this area. However, land loss rates have continued to be high. An opportunity exists to create marshes directly in the outfall of the siphons using sediment from the nearby Mississippi River. The created marshes should benefit from the effects of the reintroduced Mississippi River water from the siphons.

Goals:

- Convert approximately 250 acres of open water habitat to intermediate marsh.
- Nourish approximately 102 acres of existing intermediate marsh with dredged material.
- Maintain 203 acres of created/nourished marsh over the 20 year project life.

Proposed Solution:

Dredge sediments from the Mississippi River to restore and nourish 352 acres of marsh habitat.

Project Benefits:

The project would benefit 352 acres of marsh. Approximately 203 acres of marsh would be created/protected over the 20-year project life.

Project Costs:

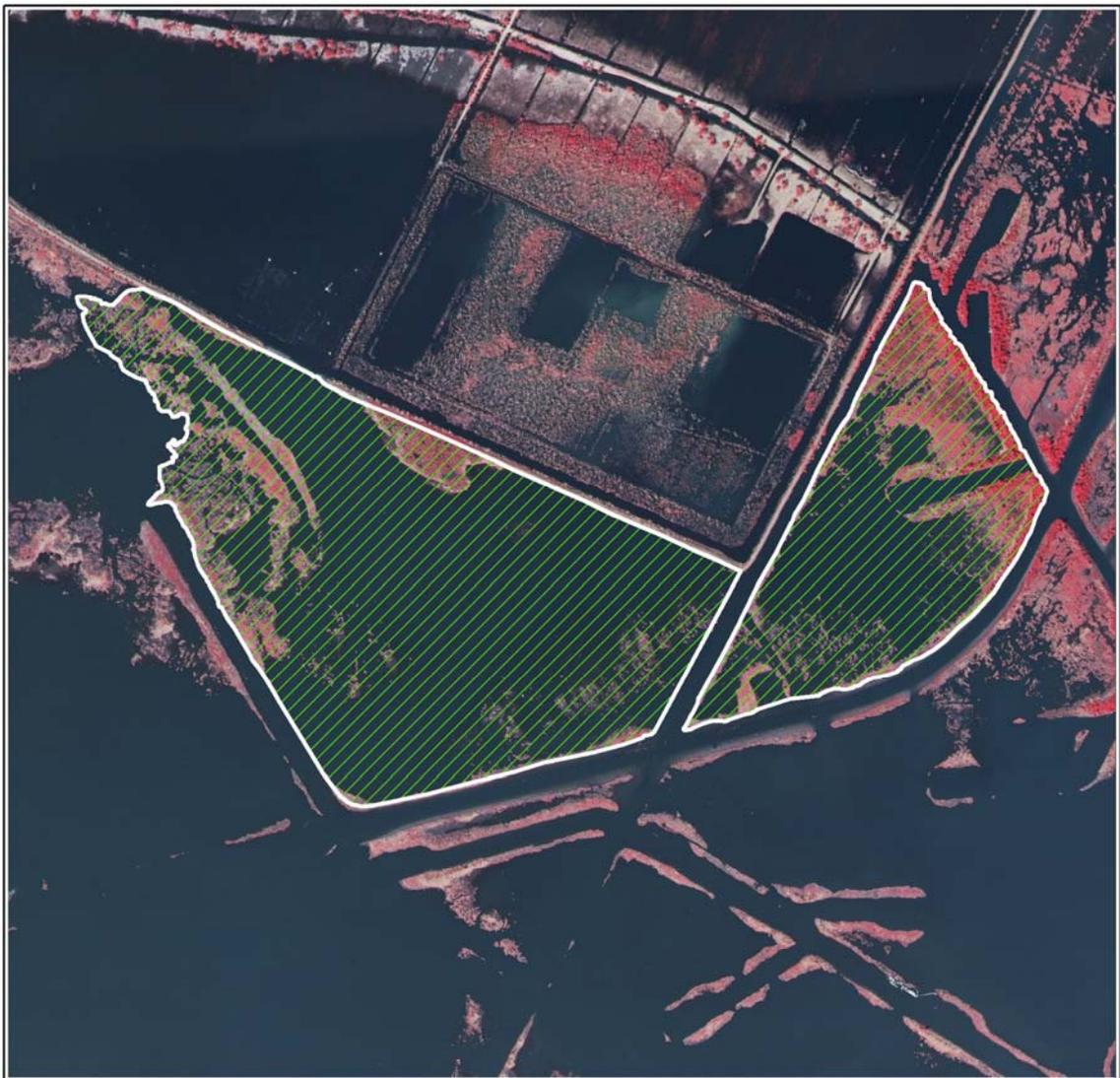
The total fully funded cost for the project is \$16,136,639

Preparers of Fact Sheet:

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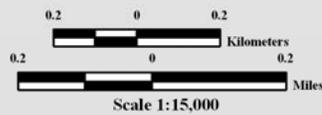
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West Pointe a la Hache Marsh Creation (PPL17 Candidate)



-  Marsh Creation *
 -  Project Boundary *
- * denotes proposed features



Map ID: USGS-NWRC 2007-11-0264
Map Date: June 13, 2007



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U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station
Baton Rouge, La

Image Source:
2005 Digital Orthophoto Quarter Quadrangles

Pass a Loutre Restoration

Coast 2050 Strategy:

- Regional Strategy – Continue building and maintaining delta splays

Project Location:

Region 2, Mississippi River Delta Basin, Plaquemines Parish, north and south of Pass a Loutre on the Delta National Wildlife Refuge (NWR) and Pass a Loutre Wildlife Management Area (WMA).

Problem:

Historically, Pass a Loutre was a major distributary of the Mississippi River at Head of Passes. This pass carried sediments that created and maintained in excess of 120,000 acres of marsh. Pass a Loutre is not a maintained navigation channel and over time has filled in considerably and carries much less flow than it did historically. As a result, much of the historic Pass a Loutre channel has silted in and is now very shallow and narrow. The decreased channel size has much less capacity to carry fresh water and sediments and marshes historically nourished by the channel are now being starved and are subsiding at an alarming rate. In addition, a hopper dredge disposal site located at the beginning of Pass a Loutre at Head of Passes has contributed to the infilling of the channel.

Goals:

The goal of this project is to restore an important distributary of the Mississippi River so that it will once again create new wetlands and nourish existing marsh. Dredged material will create marsh immediately and the increased fresh water and sediment carrying capacity of the channel will create marsh over time and increase the abundance and diversity of submerged aquatic vegetation.

Proposed Solution:

Pass a Loutre would be dredged for approximately 6.5 miles from Head of Passes to just east of Southeast Pass to restore channel flow to historic levels. Approximately 6.0M yd³ of material would be dredged and used to create approximately 465 acres of marsh on Delta NWR. Preliminary design includes a channel with a 300-ft bottom width and 30-ft depth. Several crevasses and cleanout of some existing crevasses are also proposed on Delta NWR and Pass a Loutre WMA.

Project Benefits:

The project would benefit 26,849 acres of marsh and open water habitats. A total of 1,305 acres of marsh would be protected/created over the 20-year project life.

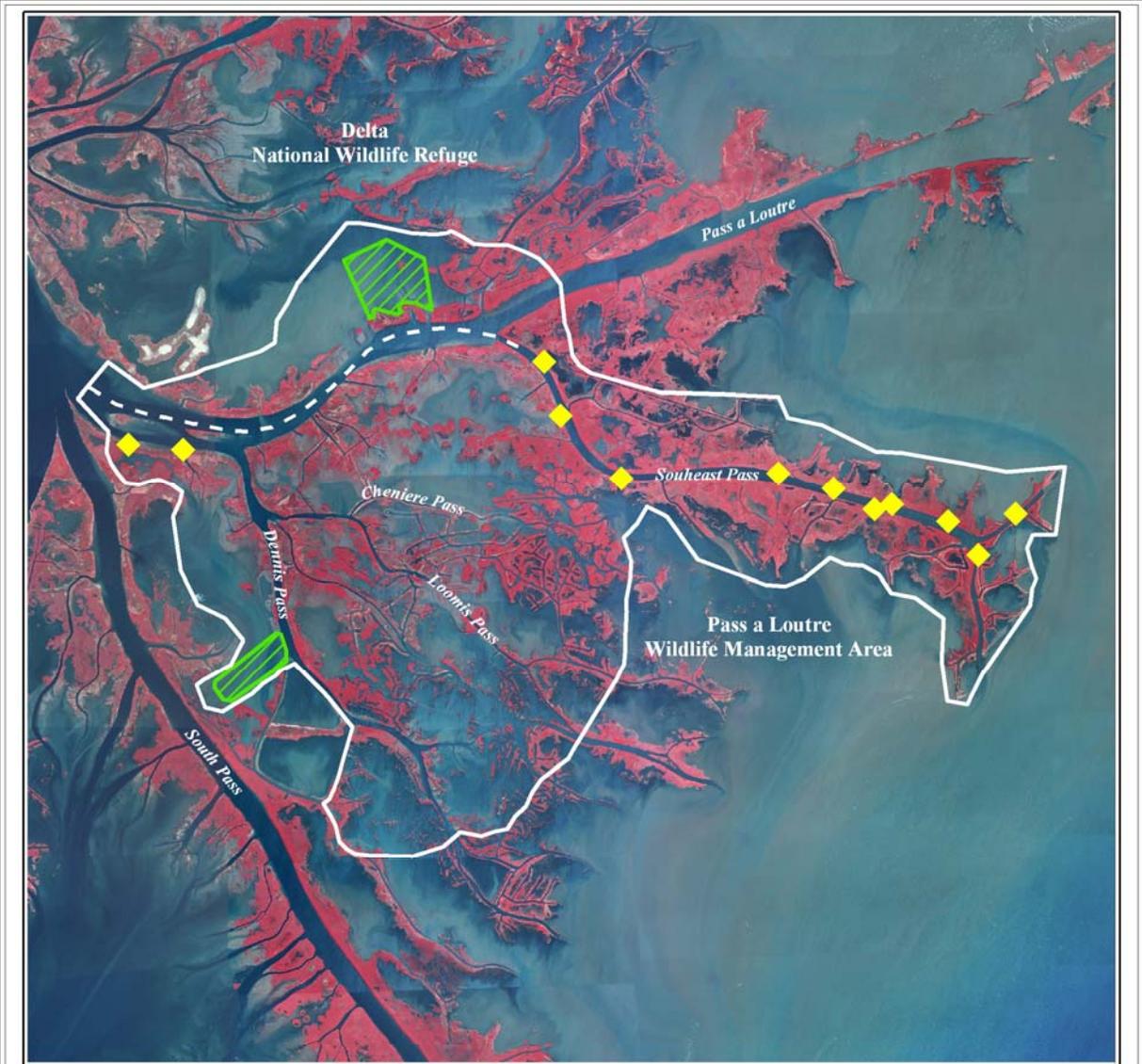
Project Costs:

The total fully-funded cost is \$26,591,033.

Preparer of Fact Sheet

Kevin Roy, FWS, 337-291-3120; kevin_roy@fws.gov

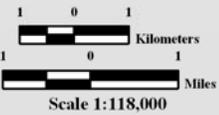
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**Pass a Loutre Restoration
(PPL17 Candidate)**



-  Crevasse *
 -  Dredged Channel *
 -  Marsh Creation *
 -  Project Boundary *
- * denotes proposed features



Map ID: USGS-NWRC 2007-11-0321
Map Date: July 02, 2007



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U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station
Baton Rouge, La

Image Source:
2005 Digital Orthophoto Quarter Quadrangles

Southeast Lake Boudreaux Marsh Creation and Terracing

Coast 2050 Strategy:

- Coastwide: Terracing and Dedicated Dredging, to Create, Restore, or Protect Wetlands
- Boudreaux Mapping Unit: Establish and protect ridge function and beneficial use of dredged material

Project Location:

Region 3, Terrebonne Basin, Terrebonne Parish, within southeast Lake Boudreaux west of the Bayou Petite Caillou Ridge and Hwy. 56, and south of Boudreaux Canal.

Problem:

The interior marshes of Terrebonne Parish have experienced tremendous loss due to a variety of forces including subsidence, salt water intrusion, a lack of sediment supply, and oil and gas activities. The loss of these marshes has exposed significant infrastructure to open water conditions, and has made the area less suitable for fisheries and wildlife. The project would provide direct protection to the Petite Caillou Ridge and significant infrastructure including LA Hwy 56, which is currently subjected to wave energy entering from Lake Boudreaux. The 1978 to 2006 loss rate of the Boudreaux mapping unit is 2.8%/yr, with a subsidence rate of 1.1 to 2.0 ft/century.

Goals:

Project goals include 1) creating emergent marsh and associated edge habitat, 2) reduce the wave erosion impacting the Petite Caillou ridge, and 3) constructing terraces and secondarily promote conditions more conducive to the colonization of submerged aquatic vegetation (SAV) than currently exist.

Proposed Solution:

The project consists of both marsh creation and terracing by dedicated dredging to create habitat and provide buffer protection to the Petite Caillou Ridge and LA Hwy 56. Approximately 257 acres of intertidal brackish marsh will be created using material from Lake Boudreaux, in addition to the nourishment of 39 acres of existing marsh. In addition, approximately 53,450 linear feet of earthen terraces (3 ft height, 10 ft crown with 1:5 slopes) will be constructed with a marsh buggy to flank the existing and created marshes. Upon completion, the constructed areas will be vegetated with indigenous marsh species to predominantly include *Spartina alterniflora*.

Project Benefits:

The project would benefit 712 acres of brackish marsh and open water. Approximately 231 acres of marsh would be created/protected over the 20-year project life.

Project Costs:

The total fully funded cost for the project is \$ 20,431,032 .

Preparers of Fact Sheet:

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Southeast Lake Boudreaux Marsh Creation and Terracing (PPL17 Candidate)



-  Terrace Field * (see Note)
-  Marsh Creation *
-  Project Boundary *

* denotes proposed features
 Note: Terraces on map are a representative layout to be finalized by Engineering Workgroup. Tidal breaks will be inserted during the engineering phase.



Scale 1:17,000



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 National Wetlands Research Center
 Coastal Restoration Field Station
 Baton Rouge, La

Map ID: USGS-NWRC 2007-11-0274
 Map Date: July 23, 2007

Image Source:
 2005 Digital Orthophoto Quarter Quadrangles

Beach and Back Barrier Marsh Restoration - East Island

Coast 2050 Strategies:

Coastwide Common Strategies-Dedicated dredging for wetland creation, Vegetative planting, utilize offshore sand and sediment resources.

Regional Ecosystem Strategies- Restore and sustain marshes- #8. Dedicated delivery of sediment for marsh building by an feasible means; Restore barrier islands and Gulf shorelines-#12. Restore and maintain the Isles Dernieres and Timbalier barrier island chains.

Mapping Unit Strategies- #33. Protect bay/gulf shorelines

Project Location:

Region 3, Terrebonne Basin, Terrebonne Parish, part of the Isles Dernieres, approximately 38 miles south of Houma, LA

Problem:

East/Trinity Island is part of the Isles Dernieres barrier island chain, one of the most rapidly deteriorating barrier shorelines in the U.S. These barrier islands ensure that the estuaries behind them are low energy environments capable of supporting wetlands and emerging deltas where Mississippi River water is reintroduced. These islands lack a stable subaerial backbarrier platform upon which the islands can migrate landward.

Goals:

- 1) provide a backbarrier platform to enable successful island migration;
- 2) extend the life of this barrier island by increasing its width;
- 3) create 160 ac of vegetated intertidal marsh using new dredged material and vegetative plantings;
- 4) protect the Terrebonne estuary and vegetated wetlands against the direct exposure to the Gulf of Mexico.
- 5) add sand to this sand-starved barrier island system

Proposed Solution:

Dredged material will be placed on the back side of the island creating additional backbarrier marsh and along the Gulf shoreline. The former will provide a stable backbarrier platform on which the island can migrate landward, while the latter will provide additional sand for redistribution by currents and waves along the entire island's Gulf beach.

Project Benefits:

The project would benefit about 2,155 acres of barrier island habitat. Approximately 92 acres of marsh would be created/protected over the 20-year project life.

Project Costs:

The total fully funded cost for the project is \$ 19,535,422.

Preparers of Fact Sheet:

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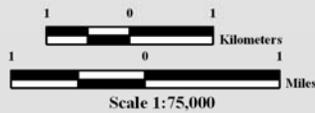
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**Beach and Back Barrier Marsh Restoration - East Island
(PPL17 Candidate)**



-  Beach Fill *
 -  Toe to Fill *
 -  Marsh Creation *
 -  Project Boundary *
- * denotes proposed features



Map ID: USGS-NWRC 2007-11-0320
Map Date: June 22, 2007

Produced by:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station
Baton Rouge, La
Image Source:
2005 Digital Orthophoto Quarter Quadrangles

East Cove Marsh Creation Project

Coast 2050 Strategy:

Regional Strategy: Use dedicated dredging or beneficial use of sediment for wetland creation or protection.

Project Location:

Region 4, Calcasieu-Sabine Basin, Cameron Parish, 1.5 miles north of Cameron, in the southwestern portion of the Cameron-Creole Watershed on the Cameron Prairie NWR.

Problem:

Former project area brackish marshes have converted to open water due to subsidence and saltwater intrusion from the Calcasieu Ship Channel. The Cameron-Creole Watershed Hydrologic Restoration project was implemented in 1989 to relieve the saltwater intrusion problem but has not succeeded in revegetating the area. Hurricane Rita in 2005 breached the watershed levee scouring the marsh and allowing higher Calcasieu Lake salinities to enter the watershed causing more land loss. Sediment and water level drawdowns are needed to restore shallow open water areas to marsh.

Goals

The project purpose is to recreate approximately 604 acres of marsh via beneficial use of maintenance dredged material from the Calcasieu Ship Channel.

Proposed Solution:

Place material beneficially from normal maintenance dredging of the Lower Calcasieu River from Mile Points 5 to 12 in two disposal areas in the southwest portion of the Cameron-Creole Watershed. The Corps of Engineers, New Orleans District dredges approximately 1.88 million cubic yards of maintenance material every 2 years from this reach. The project would transport approximately 3.76 million cubic yards of dredged material to two open water areas, totaling 604 acres, to restore a net 509 acres of marsh in two cycles [Cycle 1 (East) equals 228 net acres; Cycle 2 (West) equals 281 net acres]. Following construction, retention levees would be degraded, man-made bayous (trenasses) constructed, and a 50-foot-wide perimeter of smooth cordgrass plantings installed for estuarine fisheries access and to achieve a functional marsh.

Project Benefits:

The project would benefit 604 acres of brackish and saline marsh and open water. Approximately 509 net acres of marsh would be created over the 20-year project life.

Project Costs:

The total fully funded cost for the project is \$18,413,579.

Preparers of Fact Sheet:

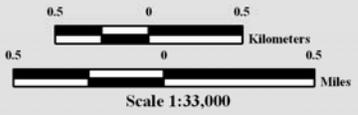
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**East Cove Marsh Creation
(PPL17 Candidate)**



-  Earthen Retention Dike *
 -  Earthen Weir *
 -  Marsh Creation *
 -  Project Boundary *
- * denotes proposed features



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 U.S. Department of the Interior
 U.S. Geological Survey
 National Wetlands Research Center
 Coastal Restoration Field Station
 Baton Rouge, La
 Image Source:
 2005 Digital Orthophoto Quarter Quadrangles

Map ID: USGS-NWRC 2007-11-0232
 Map Date: July 05, 2007

DEMONSTRATION PROJECTS

Section 303(a) of the CWPPRA states that in the development of Priority Project List, “. . . [should include] due allowance for small-scale projects necessary to demonstrate the use of new techniques or materials for coastal wetlands restoration.”

The CWPPRA Task Force, on April 6, 1993, stated that: “The Task Force directs the Technical Committee to limit spending on demonstration projects to \$2,000,000 annually. The Task Force will entertain exceptions to this guidance for projects that the Technical Committee determines merit special consideration. The Task Force waives the cap on monitoring cost for demonstration projects.”

The CWPPRA Task Force, on April 12, 2006, passed a motion concerning the selection of demonstration projects. The Task Force agreed to consider funding, upon review, at least one credible demonstration project annually with estimates not to exceed \$2 million.

What constitutes a demonstration project:

1. Demonstration projects contain technology that has not been fully developed for routine application in coastal Louisiana or in certain regions of the coastal zone.
2. Demonstration projects contain new technology, which can be transferred to other areas of the coastal zone.
3. Demonstration projects are unique and are not duplicative in nature.

PPL 17 Demonstration Project Candidates

In a change from previous years, demonstration projects were nominated at the 4 Regional Planning Team (RPT) meetings. Regional Planning Teams selected six (6) demonstration project nominees at the February 7, 2007 Coastwide RPT voting meeting. Demonstration project nominees were reviewed by the Environmental and Engineering Workgroups to verify that they met demonstration project criteria. On March 14, 2007 the Technical Committee selected three (3) demonstration project candidates for detailed assessments by the workgroups.

The following proposed demonstration projects were evaluated as candidates for the 17th Priority Project List:

- Bioengineered Oyster Reef Demo
- Sediment Containment System for Marsh Creation Demo
- Positive Displacement Pump Demo

Bio-Engineered Oyster Reef Demonstration Project

Coast 2050 Strategy:

Region 4 Strategy 15: *Stabilizing Gulf of Mexico Shoreline in the Vicinity of Rockefeller Refuge.*

Project Location:

Region 4, Mermentau Basin, Chenier subbasin, Cameron & Vermilion Parishes, along the Gulf of Mexico shoreline

Problem:

The purpose of this project is to test a new, bio-engineered, product to address rapid shoreline retreat and wetland loss along the Gulf of Mexico Shoreline in areas with soils of low load bearing capacity. For example, at Rockefeller Refuge, the direct Gulf of Mexico frontage and extremely low soil load bearing capacity (250-330psf), coupled with an average shoreline retreat of 30.9 ft/yr present unique engineering challenges.

Goals:

The goal of this demonstration project is to evaluate the proposed technique as a cost effective technique for protecting areas of Coastal Louisiana's Gulf of Mexico Shoreline with poor load bearing capacities.

Proposed Solution:

The demonstration project would consist of an Oysterbreak, approximately 1000' long. The Oysterbreak is a light-weight, modular shore protection device that uses accumulating biomass (an oyster reef) to dissipate wave energy. The bioengineered structure is designed to grow rapidly into an open structured oyster reef utilizing specifically designed structural components with spat attractant (agricultural byproducts) and enhanced nutrient conditions conducive to rapid oyster growth. The Oysterbreak is constructed by placing modular units into an open interlocked configuration. The units are sized to be stable under storm wave conditions. The height and width of the Oysterbreak are designed to achieve a moderate initial wave energy reduction. As successive generations of encrusting organisms settle on the Oysterbreak, the structure's ability to dissipate wave energy increases.

Project Benefits:

If the Oysterbreak successfully prevents beach erosion, it will provide the CWPPRA program with another restoration tool for the Gulf of Mexico Shoreline in areas with soils of low load bearing capacity. Direct benefits for this project are approximately 4.5 acres (1,000 ft x 39 ft/yr x 5 yrs x 1 acre/43,560 sq ft) of wetlands will be protected. Secondary benefits include increased habitat diversity and complexity, increased nekton utilization, and recreational fishing benefits associated with natural oyster reefs.

Project Costs:

The total fully funded cost for the project is \$ 1,981,822.

Preparers of Fact Sheet:

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Sediment Containment for Marsh Creation Demonstration Project

Coast 2050 Strategy:

- Management of diversion outfall for wetland benefits
- Dedicated dredging to create restore or protect wetlands

Project Location:

Coastwide

Problem:

Small and medium freshwater diversions that flow into broad areas and small dredge projects require confinement and trapping features to form marsh because the materials entering the area are often too dilute or fine to result in any appreciable accumulation. A method to delineate smaller areas to concentrate sediments flowing across an area would improve suspended sediment retention efficiency and allow accumulations to occur within a more timely and cost-effective manner. A sediment trapping mechanism would also allow for taking advantage of finer materials that would otherwise largely flow through the target area or require costly construction of some form of containment.

Goals:

The overall goal of the project is to demonstrate the effectiveness of a sediment trapping system to strategically define areas of accumulation and improve the efficiency of passive sediment retention in small and medium freshwater diversions as well as mechanized introduction of fluid material to create marsh.

Proposed Solution:

The project will demonstrate the effectiveness of a sediment trapping system designed for dredge containment to facilitate both sediment retention and accumulation in freshwater diversion that are located in broad areas where sediments tend to dissipate and to demonstrate the ability of the system to perform in small dredge applications. The project will demonstrate that by isolating areas where accumulation can be concentrated accretion rates will be greatly enhanced and speed up marsh creation.

Project Benefits:

The project will benefit any area in coastal Louisiana by facilitating containment where suspended sediment load is adequate for potential marsh development but retention is low due to broad open water expanse or channelization. The project will also benefit small dredge projects by providing a cost-effective alternative to earthen containment, particularly in areas where construction of earthen containment may be problematic (e.g. flow lines and poor soils).

Project Costs:

The total fully funded cost for the project is \$ 1,163,343.

Preparer of Fact Sheet

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Positive Displacement Pump Solution (TurboPiston Pump) Demonstration Project

Coast 2050 Strategy:

Coast wide Strategies: Offshore and riverine sand and sediment sources

Potential Demonstration Project Location(s):

Coast wide, Region 2, Barataria Basin, Jefferson or Brenton Sound Basin near Violet, Plaquemines Parish

Goals:

The goal of this demonstration project is to demonstrate the ability of a newly patented type of positive displacement pump that has the ability to pump a high volume of sediment slurry over distances of 5-10 miles without a booster pump while replacing the need for a dredge to supply sediment to the system. It allows for both high volume and high pressure simultaneously, unlike pumps currently utilized. By using high pressure water to jet the sediment bed during slow river flow periods this system can act as a passive unmanned source of sediment flow on a 24 hour, seven day a week delivery system schedule with no need to halt the process to avoid vessel traffic or crew schedules. This allows for higher productivity rates and lower costs to produce coastal marshes. The energy efficiency of the system is enhanced via its use of a positive displacement pump having mechanical and hydraulic efficiencies on the order 92 to 95% compared to 50 to 60% for standard dredge and booster pumps. It utilizes a high pressure jet to set upstream of the pump system inlet to increase the suspended sediment load delivered.

Proposed Solution:

A smaller prototype of the TurboPiston Pump would be utilized to demonstrate the potential capability to supply and to move sediments via pipeline over longer distances than current technology allows, without the need for additional booster pumps, in a relatively passive self controlled system.

Project Costs:

The total fully funded cost for the project is \$ 3,069,108. The 24" TurboPiston Pump would be provided by Louisiana Pump, Inc. at no cost to this project

Preparer(s) of Fact Sheet:

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PPL17 Candidate Project Evaluation Matrix

Project Name	Region	Parish	Project Area (acres)	Average Annual Habitat Units (AAHU)	Net Acres	Prioritization Score	Total Fully Funded Cost	Fully-Funded Phase I Cost	Fully-Funded Phase II Cost	Average Annual Cost (AAC)	Cost Effectiveness (AAC/AAHU)	Cost Effectiveness (Cost/Net Acre)
Irish Bayou Wetland Creation and Shoreline Protection	1	Orleans	232	86	191	49.0	\$19,647,483	\$1,714,265	\$17,933,218	\$1,412,331	\$16,422	\$102,866
Bayou Dupont Marsh and Ridge Creation	2	Jefferson	317	121	187	44.0	\$21,626,767	\$2,013,881	\$19,612,886	\$1,579,559	\$13,054	\$115,651
Bayou Thunder Marsh Creation and Shoreline Protection	2	Lafourche / Jefferson	348	101	163	45.3	\$20,920,120	\$1,649,967	\$19,270,153	\$1,516,609	\$15,016	\$128,344
Caernarvon Outfall Management/Lake Lery Shoreline Restoration	2	Plaquemines / St. Bernard	16,260	302	652	52.5	\$25,137,149	\$2,665,993	\$22,471,156	\$1,955,719	\$6,476	\$38,554
Bohemia Mississippi River Reintroduction	2	Plaquemines	5,227	989	635	71.0	\$6,923,792	\$1,359,699	\$5,564,093	\$541,255	\$547	\$10,904
West Pointe a la Hache Marsh Creation	2	Plaquemines	352	126	203	50.3	\$16,136,639	\$1,620,740	\$14,515,899	\$1,254,322	\$9,955	\$79,491
Pass a Loutre Restoration	2	Plaquemines	26,849	800	1,305	62.5	\$26,591,033	\$2,148,661	\$24,442,372	\$2,092,202	\$2,615	\$20,376
Southeast Lake Boudreaux Marsh Creation and Terracing	3	Terrebonne	712	127	231	44.8	\$20,431,032	\$2,128,140	\$18,302,892	\$1,584,535	\$12,477	\$88,446
Beach and Back Barrier Marsh Restoration - East Island	3	Terrebonne	2,155	247	92	60.0	\$19,535,422	\$1,972,121	\$17,563,301	\$1,503,061	\$6,085	\$212,342
East Cove Marsh Creation	4	Cameron	604	210	509	53.5	\$18,413,579	\$1,076,681	\$17,336,898	\$857,414	\$4,083	\$36,176

dated: August 15, 2007

Eng/Env WG Review of PPL 17 Demonstration Projects

(Parameter grading as to effect: 1 = low; 2 = medium; 3 = high)

Demonstration Project Name	Total Fully Funded Cost	Parameter (P _n)						Total Score
		P ₁ Innovativeness	P ₂ Applicability or Transferability	P ₃ Potential Cost Effectiveness	P ₄ Potential Env Benefits	P ₅ Recognized Need for Info	P ₆ Potential for Technological Advancement	
Bioengineered Oyster Reef	\$1,981,822	3	2	2	2	3	2	14
Sediment Containment System for Marsh Creation	\$1,163,343	3	3	2	2	2	2	14
Positive Displacement Pump	\$3,069,108	3	3	2	1	2	2	13

Demonstration Project Parameters

(P₁) *Innovativeness* - The demonstration project should contain technology that has not been fully developed for routine application in coastal Louisiana or in certain regions of the coastal zone. The technology demonstrated should be unique and not duplicative in nature to traditional methods or other previously tested techniques for which the results are known. Techniques which are similar to traditional methods or other previously tested techniques should receive lower scores than those which are truly unique and innovative.

(P₂) *Applicability or Transferability* - Demonstration projects should contain technology which can be transferred to other areas of the coastal zone. However, this does not imply that the technology must be applicable to all areas of the coastal zone. Techniques, which can only be applied in certain wetland types or in certain coastal regions, are acceptable but may receive lower scores than techniques with broad applicability.

(P₃) *Potential Cost Effectiveness* - The potential cost-effectiveness of the demonstration project's method of achieving project objectives should be compared to the cost-effectiveness of traditional methods. In other words, techniques which provide substantial cost savings over traditional methods should receive higher scores than those with less substantial cost savings. Those techniques which would be more costly than traditional methods, to provide the same level of benefits, should receive the lowest scores. Information supporting any claims of potential cost savings should be provided.

(P₄) *Potential Environmental Benefits* - Does the demonstration project have the potential to provide environmental benefits equal to traditional methods? somewhat less than traditional methods? above and beyond traditional methods? Techniques with the potential to provide benefits above and beyond those provided by traditional techniques should receive the highest scores.

(P₅) *Recognized Need for the Information to be Acquired* - Within the restoration community, is there a recognized need for information on the technique being investigated? Demonstration projects which provide information on techniques for which there is a great need should receive the highest scores.

(P₆) *Potential for Technological Advancement* - Would the demonstration project significantly advance the traditional technology currently being used to achieve project objectives? Those techniques which have a high potential for completely replacing an existing technique at a lower cost and without reducing wetland benefits should receive the highest scores.



ATTENDANCE RECORD



DATE(S) August 29, 2007 7:00 P.M.	SPONSORING ORGANIZATION COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT	LOCATION Abbeville Courthouse Abbeville, Louisiana Courtroom #1, 2nd floor
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PURPOSE

PPL 17 PUBLIC MEETING - ABBEVILLE

PARTICIPANT REGISTER*

NAME	JOB TITLE AND ORGANIZATION	TELEPHONE NUMBER
Dr. MIKE CARLOSS	PROGRAM MANAGER - LDWF	337-373-0032
TRICK Bryan	Louisiana Audubon Council	(318) 640-0198
Kevin Roy	USFWS - Biologist	337-291-3120
Sherrill SpGrent	Vermillion Advisory Com.	337 652 0436 337 893-4368
Spencer VARNADO	Biologist - Coastal Environments	DNR 225 383 7455
TOM HESS	BIOLOGIST - LDWF	337-538-2276
George Melancon	Biologist - LDWF	337-538-2276
Gerry Bodin	resident	337-394-3796
Laura Bodin	"	" "
Darryl UAAK	US FWS	337-291-3111
TIM CRESWELL	D.P. OFFICE OF Emerg. Preparedness	337-898-4308
Heidi Hitter	CWPPRA outreach	337 266 2626
DAN LEWELLYN	DNR	225-342-5159
Mandy Green	DNR	225-342-1357
Kelley Templet	DNR	342-1592
Dan Disher	NRCS - Abbeville Field office	337- 78 ⁸⁹³ -5664
John Jankowski	NRCS	318 473 7694
Vann Darbonne	Shaw Group	225-252-0277
Douglas Stemann	NRCS	337-369-6673 ext 5
DON HAYES	Univ. of Louisiana at Lafayette	337-482-5929
 Mr. Charles Broussard 23604 S. La Highway 82 Kaplan, LA 70548	V PCC + / FAX 337 642-9157	337-6425287 337-6425287



ATTENDANCE RECORD



DATE(S) August 30, 2007 7:00 P.M.	SPONSORING ORGANIZATION COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT	LOCATION U.S. Army Corps of Engineers Office 7400 Leake Ave. New Orleans, Louisiana District Assembly Room
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PURPOSE

PPL 17 PUBLIC MEETING - New Orleans

PARTICIPANT REGISTER*

NAME	JOB TITLE AND ORGANIZATION	TELEPHONE NUMBER
ONEIL MAUBROUN	SHAW / Jefferson Parish	(985) 868-3439
Wynette Fisher	City of New Orleans / Orleans Parish	504 658-4074
John Hebert	Resident	504-393-0395
April - Smith	Sponsor	504 398-0678
BILLY MARCINA	EPA	504-756-7830
Kevin Roy	Biologist - USFWS	337-291-3120
Marietta Greene	Madison Land Co	504-454-0707
John Lopez	Leake Portchartrain Basin Fwd	225 294-4998
DAN LLEWELLYN	DNR	225-342-5159
James Harris	USFWS	985-882-2027
JOHN JUNGSTEN	NRCS	318 473 7694
Chris AREAS	Resident - Jefferson / St. Bernard LAND.	504 689-3224
PETE CHOCHETES	JEDCO	504 833-1881
Daniel Turlington	GOHSEP / JLWA / Environ.	225-303-6578
Leslie Swazo	TERRIBONE Parish	985-873-6889
Chad Ellinwood	Student - UNO	985-320-5643
Alix Garnier	ENCOS, INC	225 751-4200
Brandie Mitchell	student - UNO	504-208-8270
Jessa Madansky	student - UNO	314-322-9174
JOHN ETINGER	EPA	504.862-1119
Jason Smith	Jefferson Parish Environmental Dept	504/731-4612
Michelle Ulm	USACE	504 862 1842

MEMORANDUM FOR RECORD

SUBJECT: Notes from PPL 17 Public Meetings, Wednesday, 29 August 2007, Abbeville Courthouse, Abbeville, LA, 7:00 pm and Thursday, 30 August 2007, New Orleans District Assembly Room.

1. Ms. Melanie Goodman, US Army Corps of Engineers, New Orleans District, Restoration Branch, Coastal Wetlands Restoration, Planning, and Protection Act (CWPPRA), Senior Project Manager and Planning and Evaluation Subcommittee, Chairwoman: Opened the meetings at 7:00 pm. Ms. Goodman introduced herself and announced that information on all the PPL 17 candidate projects and demonstration projects were available in a packet at the front of the room, and explained the details of how the meeting would be conducted. Ms. Goodman introduced Mr. Kevin Roy, US Fish and Wildlife Service, CWPPRA Environmental Workgroup Chairman and explained that he would briefly discuss all of the candidate PPL 17 projects and candidate demonstration projects, including project features, benefits, and fully funded costs estimates that resulted from evaluations. Ms. Goodman then explained that the floor would be open for public comments after the all projects were presented to allow for individuals to provide support, objection or raise issues about the candidate projects to the CWPPRA Technical Committee and Task Force for decision making purposes.
2. Mr. Roy provided a general overview of what the CWPPRA Engineering, Environmental and Economic Workgroups, along with the Academic Advisory Group accomplished during the PPL 17 candidate project evaluation process, explaining that 20 projects were initially nominated at a Coast Wide Voting meeting in January 2007 and 10 candidate projects were selected by the Technical Committee for Phase 0 evaluation. Mr. Roy explained that Wetland Value Assessments, conceptual designs, fully funded cost estimates based on 20-year project life and prioritization scores were prepared for each candidate project. Mr. Roy also explained that 6 demonstration projects were nominated during the Coast Wide voting meeting and that three candidates were selected by the Technical Committee
3. Mr. Roy presented the ten PPL17 candidate projects and 3 demonstration projects using PowerPoint slides, which included project specific information and a project map for each candidate project.
4. Mr. Roy and Ms. Goodman explained the remaining steps in the PPL 17 selection process and recommended that interested parties provide comments to Technical Committee on September 12th, or provide written comments by September 5th.
5. Comments received during the two public meetings related to the PPL 17 projects and procedures are consolidated by region and project as follows:

REGION I

1. Irish Bayou Wetland Creation and Shoreline Protection Project

Abbeville Meeting:

No Comments were received.

New Orleans Meeting:

Ms. Wynecta Fisher, City of New Orleans, Orleans Parish Government: The project will help protect the city and Bayou Sauvage.

Mr. Billy Marchal, Flood Protection Alliance: The project is a no brainer, it protects the marsh and hurricane evacuation route.

Mr. James Harris, USFWS Refuge Manager, South East Region: Not only will it help the refuge but the project protects New Orleans.

Mr. Bill Kappel, Coastal Environments Incorporated, on behalf of Mr. Lee Richardson, Lake Katherine Homeowner's Association: I am a resident and support the project fully as it contributes to stability in the area.

REGION II

2. Bayou Dupont Marsh and Ridge Creation Project

Abbeville Meeting:

No Comments were received.

New Orleans Meeting:

Mr. John Hebert, Algiers and Waggaman landowner. The Jefferson and Orleans, land bridge project would slow down storm surges coming into Algiers and the Harvey Canal.

Mr. Jason Smith, Jefferson Parish, Department of Environmental Affairs, Marine Fisheries Advisory Board Coordinator. There is not much marsh left in the project area, we need to reestablish the ridge, it protects Orleans and Jefferson parishes.

Mr. Pete Chocheles, Jefferson Parish Economic Development Commission (JEDCO), Jefferson Parish Port District. The Bayou Dupont Ridge acts as a barrier against storm surge, and he strongly supports the project.

Mrs. Marnie Winter, Director, Jefferson Parish Department of Environmental Affairs. The Bayou Dupont project is the Parish's top priority for PPL 17. It is innovative, as it is the first project that would use river sediment to create ridge habitat and there is strong land owner support. A letter from Mayor Kerner is forth coming.

Mrs. Marietta Green, Land Manager, Madison Land Company. She is a land owner in the area and has worked with the CWPPRA program for 17 years. The project would provide a lot of storm surge protection. She asked that the Technical Committee and Task Force give full support to the project.

Mr. Chris Areas, Resident South of Lafitte, in lower Jefferson Parish. Supports the project and knows landowners that support the project. Suggested that we take a historic picture of the project area and overlay today's photo to show what has been lost. This project is a start, but we need to rebuild the lower marshland.

Vickie Duffourc, Bayou Signet Boaters Association, SCI/Jefferson Parish. The project would restore a natural ridge that makes up the skeletal framework in the middle of the Barataria Basin. It would demonstrate how to build ridges and their relative success. The project would also restore Bayou Dupont. If material would be dredged from the bayou, it would open channel and divert fresh water down to the lower basin where it is needed.

3. Bayou Thunder Marsh Creation and Shoreline Protection

Abbeville Meeting:

No Comments were received.

New Orleans Meeting:

Mr. Jason Smith, Jefferson Parish, Department of Environmental Affairs, Marine Fisheries Advisory Board Coordinator. Supports the project. The area has high erosion rates. He realizes that an elevated highway is being built in the area, but there is an unprotected area where marsh creation is needed.

Mr. Pete Chocheles, Jefferson Parish Economic Development Commission (JEDCO), Jefferson Parish Port District, agrees with comments made by Mr. Smith, highly recommends project.

4. Caernarvon Outfall Management and Lake Leary Shoreline Restoration

Abbeville Meeting:

No Comments were received.

New Orleans Meeting:

Mr. Chris Areas, Resident South of Lafitte, in lower Jefferson Parish. Supports the project, is land owner in Caernarvon area, which was hit hard by Hurricane Katrina, as can be seen in the area. The Caernarvon diversion helped the area tremendously. This project would help distribute water where it is needed. He suggested dredging 15 or 20 finger canals to provide better flow and a conduit to push water over more areas. Thanked the CWPPRA Program Team for your hard work.

Mr. John Hebert, Algiers and Waggaman Landowner. He fishes in the area, and agreed that there should be more finger outlets for the diversion to distribute water into the marshes. The diversion is working and that would allow the diversion to run harder (at increased capacity).

5. Bohemia Mississippi River Reintroduction Project

Abbeville Meeting:

No Comments were received.

New Orleans Meeting:

Mrs. Michelle Ulm, asked what Mississippi River Mile the project would be located near. No one could provide the answer. (NOTE: The proposed project site is located at the Nestor Canal, Mile 39.8-L Above Head of Passes(East Bank))

Mr. Billy Marchal, Flood Protection Alliance. He thinks the diversion would be too small by a factor of 3 or 4. The coast is dying a death of a 1000 cuts.

6. West Point a la Hache Marsh Creation

Abbeville Meeting:

No Comments were received.

New Orleans Meeting:

Mr. John Hebert, Algiers and Waggaman Landowner. He fishes and hunts in the area, as can be seen by the open water area fingers in the service canals. Need more than the siphon, this is critically needed.

Mr. George Seymour, Algiers Resident. The area took a phenomenal hit from Katrina, needs lots of help, we need to pump in sediment.

Mr. Chris Areas, Resident South of Lafitte, in lower Jefferson Parish. He also strongly supports this project. It is a stepping stone for the area.

7. Pass a Loutre Restoration

Abbeville Meeting:

No Comments were received.

New Orleans Meeting:

Mr. Todd Baker, Louisiana Department of Wildlife and Fisheries (LDWF). The project has a large price tag, but acreage wise, it provides the most bang for the buck. The project is located on USFWS and LDWF property and fits in with both agency management plans for these public lands. Opens up a natural system that historically created 60,000 acres of deltaic marsh. The pass has closed off over time by natural and man induced processes. In addition

to direct marsh creation, deltaic land would continue to build over time as a result of the open channel and crevasses.

Mr. James Harris, Southeast Louisiana Refuges, Delta Wildlife Refuge. He fully supports the project. The bird's foot delta is a tremendous resource. These are resources that are available to the public to use and enjoy. The project has technical merits. There are lingering issues that affect future potential projects in the delta. The LDNR evaluated all 10 projects for consistency with the states master plan. This is the only one that they determined would not be consistent, not because it isn't in the plan but because the state wants to abandon the delta. If that is LDNRs intent, that intent needs to be clearly stated so that the Task Force and agencies involved can address and plan accordingly in the future.

Dr. John Lopez, Lake Pontchartrain Basin Foundation. Of the other projects east of the Pontchartrain Basin, Irish Bayou, Caernarvon and Bohemia , this project in a negative sense, project has good merit. It supports maintaining the bird foot delta. However, the problem the project would be solving is caused by the Corps of Engineers, because it is cheaper to dispose dredge material into the pass than long distance dumping. He thinks this is a navigation problem that should be supported by other funds from other authorities that created the problem.

REGION III

8. Southeast Lake Boudreaux Marsh Creation and Terracing Project

Abbeville Meeting:

No Comments were received.

New Orleans Meeting:

Mrs. Leslie Suazo, Coastal Restoration and Preservation Director, Terrebonne Parish. Stated that the Terrebonne Parish Coastal Zone Management Committee (TPCZM) discussed and decided to support the South East Lake Boudreaux Project as their priority. This project was a PPL 14 candidate. The project was impacted by Hurricane Andrew in 1992. The USFWS and other CWPPRA projects on Lake Boudreaux along with efforts made by the Conservation District are addressing the northern part of the lake. However, this project is integral to the entire basin restoration. Mrs. Suazo provided resolutions from the Terrebonne Parish Council and the TPCZM committee resolutions supporting this project and the East Island project.

9. Beach and Back Barrier Marsh Restoration - East Island

Abbeville Meeting:

No Comments were received.

New Orleans Meeting:

Mrs. Leslie Suazo, Coastal Restoration and Preservation Director, Terrebonne Parish. Stated that the Terrebonne Parish Coastal Zone Management Committee (TPCZM) discussed and decided to support the East Island Project as their second priority. Mrs. Suazo provided resolutions from the Terrebonne Parish Council and the TPCZM committee resolutions supporting this project and the Southeast Lake Boudreaux Project.

REGION IV

10. East Cove Marsh Creation

Abbeville Meeting:

No Comments were received.

New Orleans Meeting:

No Comments were received.

DEMONSTRATION PROJECTS

1. Bio Engineered Oyster Reef

New Orleans Meeting:

No Comments were received.

Abbeville Meeting:

Mr. Sherrill Sagera, Vermilion Parish Coastal Advisory Board. Asked if the planned demonstration project would be stable and if would say in place. He said it would be a good project to do. His only concern is buoyancy until it the project sets up.

2. Positive Displacement Pump Solution

Abbeville Meeting:

Mr. Mike Carlos, Program Manager, Louisiana Department of Wildlife and Fisheries. Asked if demonstration projects are limited to \$2 million. Mr. Roy answered that yes as a general rule. However, this project is outside the historical rang. Mr. John Jurgensen, Natural Resources Conservation Service stated that there isn't a fixed cap, but the goal is to keep projects within \$1 million and that guidelines say \$2 million. The Task Force could approve more, but it is not likely.

Mr. Tom Hess asked if a demonstration project would be funded this year, or if it is possible for one not to. Mr. Roy said it is possible, but there is a good chance that one won't be funded. People have spoken out in the past about demonstration projects not being funded. Mr. Sagera added that demonstrations are true studies and that to eliminate demonstration projects from the CWPPRA process would be bad for the program.

New Orleans Meeting:

Mr. John Hebert, Algiers and Waggaman Landowner. Commented that there is a problem with the cost of this project. He said he thinks this is a private enterprise trying to cash in on our coastal problems. Engineering wise, the project would be a maintenance problem with the pump breakdown and that siphons and uncontrolled diversions don't have those mechanical concerns.

3. Sediment Containment System for Marsh Creation

New Orleans Meeting:

No Comments were received.

Abbeville Meeting:

No comments made.

Bayou Dupont Marsh Creation and Ridge Restoration Project (R2- BA 4)

- Timothy P. Kerner, Mayor, Town of Jean Lafitte
- Edward Perrin, Land Owner
- Louis Parria, Land Owner
- Floyd Adam, Land Owner
- Shelby and Dwight Adam, Land Owners
- Adrian Ruttley, Land Owner
- Woody Crews, Chair, Coalition to Restore Coastal Louisiana and Jefferson Parish Marine Advisory Board, Wetlands Committee
- Aaron Broussard, Jefferson Parish president
- Jefferson Parish Council of Jefferson Parish
- Jason Smith, Coastal Programs Supervisor Jefferson Parish Department of Environmental Affairs
- Tracy Kuhns, Executive Director of Louisiana Bayoukeeper, Inc.
- Vickie Duffourc, President of Bayou Segnette Community and Boaters Assoc.

Irish Bayou Shoreline Protection and Marsh Restoration Project (R1-PO 4)

- Kenneth L. Odinet, District 103 Representative
- Norbert C. White, concerned citizen
- Walker Saik, concerned citizen
- Louise Saik, concerned citizen
- Donna Marak Riess, concerned citizen
- John V. Baus, Jr., concerned citizen
- Sandra Davis, concerned citizen
- Gregory D. Tilton, MD, concerned citizen
- Lisa Ludwig, concerned citizen
- Carol Jane Barbir, concerned citizen
- Col. Terry J. Ebbert, Director of Homeland Security for the City of New Orleans
- C. Ray Nagin, Mayor of New Orleans
- Mr. and Mrs. William Hope, concerned citizens
- Kim B. Stovall, concerned citizen
- Lissa A. Lyncker, biological science graduate student at Univ. of New Orleans
- Lisa Stafford, concerned citizen
- Lake Bullard Homeowners Association, concerned citizens
- Margrett Butler, concerned citizen
- Maria T. Rivas, concerned citizen
- Barry M. Walton, concerned citizen
- Micaela Weaver, concerned citizen
- Shederick Warren, concerned citizen
- Halston Hayes, concerned citizen
- Patricia Weaver, concerned citizen
- Connie Baker, concerned citizen
- Marian Wallis, concerned citizen
- Phil Julien, concerned citizen
- Andrea Durdes-Wescott, concerned citizen
- Charlene Pazore, concerned citizen
- Sue Cappella, concerned citizen
- Michael Murphy, concerned citizen
- Guerry O. Holm, Jr., concerned citizen
- Dan Favre, concerned citizen
- J. Collen Morgan, concerned citizen
- Hope Herron, concerned citizen
- Vaughn C. Breuman, concerned citizen
- Craig M. Cortello, concerned citizen
- Jordan Schneicler, concerned citizen
- Jennifer Pipitone, concerned citizen
- Monica Pasos, concerned citizen

Irish Bayou Shoreline Protection and Marsh Restoration Project (R1-PO 4) cont.

- Robert Vitrano, concerned citizen
- Joyce Atkins, concerned citizen
- Lisa S. Rubeinl, concerned citizen
- Pamela M. Davis, concerned citizen
- Sharon Hillard, concerned citizen
- Michelle Duroncelet, concerned citizen
- Serda A. Anderson, concerned citizen
- Louis Martinez, Jr., concerned citizen
- Herbert Roy Williams III, concerned citizen
- Kenya J. H. Smith, concerned citizen
- David Robinson-Morris, concerned citizen
- Cheryl Mendy, concerned citizen
- Tyrone Smith, concerned citizen
- Heather Szapary, concerned citizen
- Jennifer Day, concerned citizen
- Katherine Dolese, concerned citizen
- Meridith Hathorn, concerned citizen
- Nathan Champagne, concerned citizen
- Telley S. Madina, concerned citizen
- Tonya Durden, concerned citizen
- Reginald Jackson, concerned citizen
- Shantrice N. Dial, concerned citizen
- Stacey L. Jackson, concerned citizen
- Barry Q. Moore, concerned citizen
- Malaina Jones-Moore, concerned citizen
- Corliss B. Guidry, concerned citizen
- M. Von Nkosi, concerned citizen
- Tiffany Caju, concerned citizen
- Corcherrie Washington, concerned citizen
- Jeanette Delery, concerned citizen
- Nora Ann Winbush, concerned citizen
- Belinda Little-Wood, concerned citizen
- Tracey Jackson, concerned citizen
- Chase Story, concerned citizen
- Daphne Cola, concerned citizen
- Ernest Gethers, concerned citizen
- Alvin G. Porter, concerned citizen
- Patricia A. Smith, concerned citizen
- Carrie Q., concerned citizen

Irish Bayou Shoreline Protection and Marsh Restoration Project (R1-PO 4) cont.

- Leo F. Richardson II, Board Member/Executive Director of Lake Catherine Civic Association, Inc.
- Audrey Charlot, Associate Broker at Latter and Blum Inc./Realtors
- Rose. M. Powell, concerned citizen
- **Chris Schieble, Research Associate III at Pontchartrain Institute for Environmental Sciences, University of New Orleans**

Orleans Landbridge Marsh Creation and Shoreline Protection Project (R1-PO 5)

- LaMya Reed, concerned citizen
- Alastair Miller, concerned citizen
- Destiny, concerned citizen
- Tayonna Brumfield, concerned citizen
- Devin, concerned citizen
- Larry Barabino, concerned citizen
- Rie Morgan, concerned citizen
- Bijon Patterson, concerned citizen
- Alexis, concerned citizen
- Glenn Jones Jr., concerned citizen
- Moesha, concerned citizen
- Kiona Montgomery, concerned citizen
- Taylor Conway, concerned citizen
- Harry Dilosa III, concerned citizen
- Dean Morgan, concerned citizen
- Troy Petite, concerned citizen
- Derriel, concerned citizen
- Demi Dijon Durden, concerned citizen
- Charles, concerned citizen
- Haili, concerned citizen
- Kerryon Smith, concerned citizen
- Careyan Stockman, concerned citizen
- Breland Burrell, concerned citizen
- Jalea, concerned citizen
- Dana Paten, concerned citizen
- Qincy, concerned citizen
- Kenneth, concerned citizen
- Dwan Anser, concerned citizen
- Sean Stewart Jr., concerned citizen
- Deja Harrison, concerned citizen
- Chavis Brissette, concerned citizen
- Christopher Fortin, concerned citizen
- Dominique March, concerned citizen
- Renia Johnson, concerned citizen
- Arriane Johnson, concerned citizen
- DaBreyll Williamson, concerned citizen
- Perre Barbarin, concerned citizen
- Payton Jacobs, concerned citizen
- Tyree Broussard, concerned citizen
- Rashad Bailey, concerned citizen

PPL 17 Written Public Comments

Orleans Landbridge Marsh Creation and Shoreline Protection Project (R1-PO 5)

- Kacey, concerned citizen
- Na'sheicka Thomas, concerned citizen
- Thomas Blair, concerned citizen
- Calci Dyer, concerned citizen
- Maiya Caldwell, concerned citizen
- Dorrian Stewart, concerned citizen
- Kyrise Lamar Mason, concerned citizen
- Wesley Manning, concerned citizen

PPL 17 Written Public Comments

Pass a Loutre Restoration Project (R2- MR 2)

- Ken Litzenberger, U.S. Fish and Wildlife Service, Project Leader

PPL 17 Written Public Comments

South Lake Boudreaux Marsh Creation and Terracing Project (R3-TE 12)

- Coastal Zone Management and Restoration Advisory Committee

PPL 17 Written Public Comments

Beach and Back Barrier Marsh Restoration – East Island Project (R3-TE 8)

- Coastal Zone Management and Restoration Advisory Committee

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

September 12, 2007

PROJECT DEAUTHORIZATION REQUESTS

For Decision:

The Technical Committee will vote to make a recommendation to the Task Force for the proposed deauthorizations of the following projects

- a. Mississippi River Reintroduction into Bayou Lafourche Project (BA-25b)
- b. Labranche Wetlands Terracing, Planting and Shoreline Protection Project (PO-28)
- c. Bonnet Carre Spillway Project (PO-26)
- d. Myrtle Grove Siphon Project (BA-24)



DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

JUL 18 2007

Planning, Programs, and Project
Management Division
Protection and Restoration
Office-Restoration Branch

Honorable David Vitter
United States Senate
One American Place
Suite 2030
Baton Rouge, LA 70825

Dear Senator Vitter:

The Louisiana Coastal Wetlands Conservation and Restoration Task Force (the Task Force) has initiated procedures to deauthorize the Mississippi River Reintroduction into Bayou Lafourche Project (BA-25b) due to reasons stated below.

The purpose of this 5th Priority Project List project, located in Ascension, Assumption, Lafourche, and St. James Parishes, was to reintroduce freshwater into the Terrebonne and Barataria Basins by; installing a receiving intake structure at the point of the diversion in the Mississippi River, a pump/siphon system with a combined discharge capacity of 1,000 cfs, a discharge settling pond/sediment basin in Bayou Lafourche at Donaldsonville, modifying existing structures, dredging and stabilizing the banks along Bayou Lafourche. The original estimated fully funded cost estimate for the project was \$11,200,000.

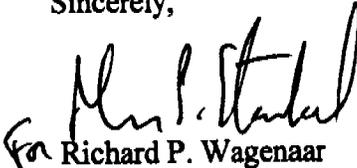
Due to uncertainty of coastal wetland restoration benefits and project cost effectiveness, and because the State of Louisiana wishes to pursue the project under their own discretion, the Task Force is recommending that the project be deauthorized from the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA).

The Task Force is soliciting comments regarding the proposed deauthorization of this project. Comments should be sent to the address shown below no later than August 15, 2007.

Department of the Army
New Orleans District, Corps of Engineers
Attention: PPPMD-Restoration Branch, Ms. M. Goodman
Post Office Box 60267
New Orleans, Louisiana 70160-0267

If you have any other comments or questions, please contact Ms. Melanie Goodman,
Acting CWPPRA Program Manager, (504) 862-1940.

Sincerely,


For Richard P. Wagenaar
Colonel, U.S. Army
District Commander

This letter was sent to the following addressees: Honorable Mary Landrieu, United States Senate, Federal Courthouse, 707 Florida Street, Room 326, Baton Rouge, LA 70801; Honorable David Vitter, United States Senate, One American Place, Suite 2030, Baton Rouge, LA 70825; Honorable Charlie Melancon, Representative in Congress, 404 Cannon House Office Building, Washington, DC 20515; Senator "Jody" Amedee, Louisiana Senate, 2109 S. Burnside Ave., Suite A, Gonzales, LA 70737; Senator Joel T. Chaisson, II, Louisiana Senate, P.O. Box 1255, Destrehan, LA 70047; Senator Reggie P. Dupre, Jr., Louisiana Senate, P. O. Box 3893, Houma, LA 70361-2016, Senator D. A. "Butch" Gautreaux, Louisiana Senate, 1103 Eighth Street, Morgan City, LA 70380, Representative Robert R. "Bobby" Faucheux, Jr., Louisiana House of Representatives, P. O. Box 1960, LaPlace, LA 70069-1960.

Sincerely,

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Starke

Richard P. Wagenaar
 Colonel, U.S. Army
 District Commander

TC
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 EXEC. OFFICE
FOR ERW



DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

Planning, Programs, and Project
Management Division
Protection and Restoration
Office – Restoration Branch

Honorable David Vitter
United States Senate
One American Place
Suite 2030
Baton Rouge, Louisiana 70825

Dear Senator Vitter:

The Louisiana Coastal Wetlands Conservation and Restoration Task Force (the Task Force) has initiated procedures to deauthorize the LaBranche Wetlands Terracing, Planting and Shoreline Protection Project (PO-28) due to reasons stated below.

The purpose of this 9th Priority Project List project, located in St. Charles Parish, was to reduce emergent marsh loss along the Lake Pontchartrain shoreline by restoring and creating 489 acres through marsh terracing, shoreline protection and vegetative planting. The fully funded cost estimate for the project was \$821,752.

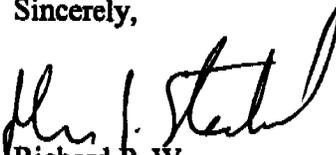
Due to lack of landowner support for the project, the U.S. National Marine Fisheries Service and the State of Louisiana Department of Natural Resources, the Federal and local sponsors, suspended work on the subject project, modified their cost share agreement, and returned unused Phase I funds to the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) program to close out the project in October 2003. As such, the project is being deauthorized by the CWPPRA program as a final administrative formality.

The Task Force is soliciting comments regarding the proposed project transfer. Comments should be sent to the address shown below no later than August 15, 2007.

Department of the Army
New Orleans District, Corps of Engineers
Attention: PPPMD-Restoration Branch, Ms. M. Goodman
Post Office Box 60267
New Orleans, Louisiana 70160-0267

If you have any other comments or questions, please contact Ms. Melanie Goodman, Acting CWPPRA Program Manager, (504) 862-1940.

Sincerely,

Fr 
Richard P. Wagenaar
Colonel, U. S. Army
District Commander

If you have any other comments or questions, please contact Ms. Melanie Goodman, Acting CWPPRA Program Manager, (504) 862-1940.

This letter was sent to the following addressees: Honorable Mary Landrieu, United States Senate, Federal Courthouse, 707 Florida Street Room 326, Baton Rouge LA 70801; Honorable David Vitter, United States Senate, One American Place, Suite 2030, Baton Rouge, LA 70825; Honorable Charlie Melancon, Representative in Congress, 404 Cannon House Office Building, Washington, DC 20515; Honorable Rodney Alexander, Representative in Congress, 316 Cannon House Office Building, Washington, DC 20515; Honorable Richard Baker, Representative in Congress, 555 Hilton Avenue, Suite 100, Baton Rouge, LA 70808; Honorable William J. Jefferson, Representative in Congress, Hale Boggs Federal Building, Suite 1012, 501 Magazine Street, New Orleans, LA 70130-3319; Honorable Charles W. Boustany, Jr., Representative in Congress, 1117 Longworth House Office Building, Washington, DC 20515; Honorable Jim McCrery, Representative in Congress, 6425 Youree Drive, Shreveport, LA 71105; Honorable Bobby Jindal, Representative in Congress, 1205 Longworth House Office Building, Washington, DC 20515; Senator Joel T. Chaisson, II, Louisiana Senate, P.O. Box 1255, Destrehan, LA 70047, Representative Gary L. Smith, Jr., Louisiana House of Representatives, P. O. Box 189 Norco, LA 70079; Representative Ernest D. Wooton, Louisiana House of Representatives, 8018 Highway 23, Suite 214, Belle Chasse, LA 70037; Representative Glenn Ansardi, Louisiana House of Representatives, 2200 Veterans Blvd., Suite 102, Kenner, LA 70062; Mr. Albert D. Laque, St. Charles Parish President, P.O. Box 302, Hahnville, LA 70057.

Sincerely,

RSI
Stark

Richard P. Wagenaar
Colonel, U. S. Army
District Commander

[Handwritten signature]

CONSTANCE
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LOUISIANA HOUSE OF REPRESENTATIVES



#9 Apple Street
P. O. Box 189
Norco, LA 70079
Email: larep56@legis.state.la.us
Phone: 985.764.9122
Fax: 985.764.6710

Commerce
Insurance
House Executive Committee

GARY L. SMITH, JR.
State Representative - District 56

August 24, 2007

Department of the Army
New Orleans District, Corps of Engineers
Attention: PPMD - Restoration Branch, Ms. M. Goodman
P. O. Box 60267
New Orleans, LA 70160-0267

**RE: *LaBranche Wetlands Terracing, Plantings, and Shoreline Protection Project
(CWPPRA Project, State Number PO-28, Federal Number PPO-7a)***

Dear Ms. Goodman:

This letter is to express my objection to the Louisiana Coastal Wetlands Conservation and Restoration Task Force's deauthorization of the LaBranche Wetlands Terracing, Planting and Shoreline Protection Project (PO-28).

I am strongly in favor of funding this project. This project is critical to the future existence of one of America's most precious conservation wetlands. Please don't let this important area wash away by not funding Project PO-28.

Thank you in advance for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Gary L. Smith, Jr.", written over a printed name and title.

Gary L. Smith, Jr.
State Representative
District 56

GLSJr:gn



DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

001 10 2007

Planning, Programs, and Project
Management Division
Protection and Restoration
Office – Restoration Branch

Honorable David Vitter
United States Senate
One American Place
Suite 2030
Baton Rouge, Louisiana 70825

Dear Senator Vitter:

The Louisiana Coastal Wetlands Conservation and Restoration Task Force (the Task Force) has initiated procedures to deauthorize the Opportunistic Use of the Bonnet Carre Spillway Project (PO-26) due to reasons stated below.

The purpose of this 9th Priority Project List project, located in St. Charles Parish, was to decrease salinities, add nutrients and some sediment to Lake Pontchartrain and the surrounding wetlands, especially the Labranche wetlands. The fully funded cost estimate for the project was \$188,383.

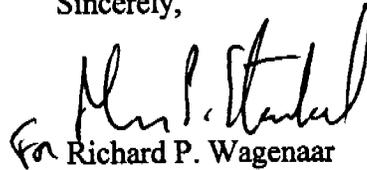
The project is being recommended for deauthorization by the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) Planning and Evaluation Subcommittee due to the uncertainty of benefits, the lack of local stakeholder support to increase the flow into Lake Pontchartrain and the unavailability of funds to consider alternatives.

The Task Force is soliciting comments regarding the proposed deauthorization of this Project. Comments should be sent to the address shown below no later than August 15, 2007.

Department Of The Army
New Orleans District, Corps of Engineers
Attention: PPPMD – Restoration Branch, Ms. M. Goodman
Post Office Box 60267
New Orleans, Louisiana 70160-0267

If you have any other comments or questions, please contact Ms. Melanie Goodman,
Acting CWPPRA Program Manager, (504) 862-1940.

Sincerely,


Richard P. Wagenaar
Colonel, U.S. Army
District Commander

316 Cannon House Office Building, Washington, DC 20515; Honorable Richard Baker, Representative in Congress, 555 Hilton Avenue, Suite 100, Baton Rouge, Louisiana 70808, Honorable William J. Jefferson, Representative in Congress, Hale Boggs Federal Building, Suite 1012, 501 Magazine Street, New Orleans, Louisiana 70130-3319; Honorable Charles W. Boustany, Jr., Representative in Congress, 1117 Longworth House Office Building, Washington, DC 20515; Honorable Jim McCrery, Representative in Congress, 6425 Youree Drive Shreveport, Louisiana 71105; Honorable Bobby Jindal, Representative in Congress 1205 Longworth House Office Building, Washington, DC 20515; Senator Joel T. Chaisson, II, Louisiana Senate, P.O. Box 1255, Destrehan, LA 70047; Representative Gary L. Smith, Jr., Louisiana House of Representatives, P. O. Box 189, Norco, LA 70079, Representative Ernest D. Wooton, Louisiana House of Representatives, 8018 Highway 23, Suite 214, Belle Chasse, LA 70037; Representative Glenn Ansardi, Louisiana House of Representatives, 2200 Veterans Blvd. Suite 102, Kenner, LA 70062; Mr. Albert D. Laque, St. Charles Parish President, P.O. Box 302 Hahnville, LA 70057.

Sincerely,

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Richard P. Wagenaar
Colonel, U.S. Army
District Commander

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DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

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Planning, Programs, and Project
Management Division
Protection and Restoration
Office-Restoration Branch

Honorable David Vitter
United States Senate
One American Place
Suite 2030
Baton Rouge, Louisiana 70825

Dear Senator Vitter:

The Louisiana Coastal Wetlands Conservation and Restoration Task Force (the Task Force) has initiated procedures to deauthorize the Myrtle Grove Siphon Project (BA-24) due to reasons stated below.

The purpose of this 5th Priority Project List project, located in Plaquemines Parish, was to reestablish seasonal flooding of the Mississippi River by discharging an estimated 2,100 cubic feet of water per second. The fully funded cost estimate for the project was \$15,525,950.

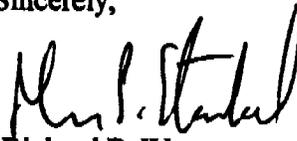
The Task Force Authorized a large scale diversion project, Delta Building Diversion at Myrtle Grove, (BA-33) at the same location as the subject project. The U.S. National Marine Fisheries Service and the State of Louisiana Department of Natural Resources, the federal and local sponsors, suspended work on the subject project, modified their cost share agreement, and returned unused funds to the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) program to close out the project in December 2003. As such, the project is being deauthorized by the CWPPRA program as a final administrative formality.

The Task Force is soliciting comments regarding the proposed deauthorization of this Project. Comments should be sent to the address shown below no later than August 15, 2007.

Department of the Army
New Orleans District, Corps of Engineers
Attention: PPPMD-Restoration Branch, Ms. M. Goodman
Post Office Box 60267
New Orleans, Louisiana 70160-0267

If you have any other comments or questions, please contact Ms. Melanie Goodman,
Acting CWPPRA Program Manager, (504) 862-1940.

Sincerely,


For Richard P. Wagenaar
Colonel, U.S. Army
District Commander

If you have any other comments or questions, please contact Ms. Melanie Goodman, Acting CWPPRA Program Manager, (504) 862-1940.

This letter was sent to the following addressees: Honorable Mary Landrieu, United States Senate, Federal Courthouse, 707 Florida Street, Room 326, Baton Rouge, LA 70801, Honorable David Vitter, United States Senate, One American Place, Suite 2030 Baton Rouge, LA 70825; Honorable Charlie Melancon, Representative in Congress 404 Cannon House Office Building, Washington, DC 20515; Honorable Rodney Alexander, Representative in Congress, 316 Cannon House Office Building Washington, DC 20515; Honorable Richard Baker, Representative in Congress 555 Hilton Avenue, Suite 100, Baton Rouge, LA 70808; Honorable William J. Jefferson Representative in Congress, Hale Boggs Federal Building, Suite 1012, 501 Magazine Street, New Orleans, LA 70130-3319; Honorable Charles W. Boustany, Jr. Representative in Congress, 1117 Longworth House Office Building, Washington, DC 20515; Honorable Jim McCrery, Representative in Congress, 6425 Youree Drive Shreveport, LA 71105; Honorable Bobby Jindal, Representative in Congress, 1205 Longworth House Office Building, Washington, DC 20515; Senator Walter J. Boasso Louisiana Senate, 100 Intermodal Drive, Chalmette, LA 70043; Senator Francis C. Heitmeier, Louisiana Senate, 3709 General DeGaulle, New Orleans, LA 70114 Representative Ernest D. Wooton, Louisiana House of Representatives, 8018 Highway 23, Suite 214, Belle Chasse, LA 70037; Mr. William Nungesser, Plaquemines Parish President, 106 Avenue G, Belle Chasse, LA 70037.

Sincerely,

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Richard P. Wagenaar
Colonel, U. S. Army
District Commander

Copies Furnished (w/basic):
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COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

September 12, 2007

**PROJECT TRANSFER REQUEST: BAYOU LAMOQUE FRESHWATER
DIVERSION (BS-13)**

For Decision:

The State has requested that this project be transferred from the CWPPRA program to the Coastal Impact Assistance Program (CIAP) because it is a Tier 1 project in the State's Draft Coastal Impact Assistance Plan, and the State is currently designing the project to be executed under that plan. The Technical Committee will vote on recommendation to the Task Force for the requested project from CWPPRA to CIAP.



DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

Planning, Programs, and Project
Management Division
Protection and Restoration
Office-Restoration Branch

Honorable David Vitter
United States Senate
One American Place
Suite 2030
Baton Rouge, Louisiana 70825

Dear Senator Vitter:

The Louisiana Coastal Wetlands Conservation and Restoration Task Force (the Task Force) has initiated procedures to transfer the Bayou Lamoque Freshwater Diversion Project (BS-13) due to reasons stated below.

The purpose of this 15th Priority Project List project, located in Plaquemines Parish, was to modify the existing Bayou Lamoque freshwater diversion by removing gates and mechanical operating systems to create an uncontrolled diversion. The project included placing gaps in natural levee ridges and spoil banks on Bayou Lamoque at strategic locations to facilitate distribution of diverted water and to promote the accretion of new wetlands through the deposition of diverted river sediments. The fully funded cost estimate for the project was \$1,205,354.

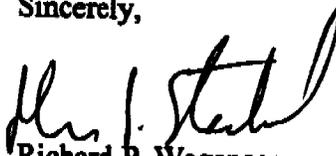
The State has requested that this project be transferred from the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) program to the Coastal Impact Assistance Program because it is a Tier 1 project in the State's Draft Coastal Impact Assistance Plan and the State is currently designing the project to be executed under that plan. Therefore, the U.S. Army Corps of Engineers, U.S. Environmental Protection Agency, and the State of Louisiana Department of Natural Resources, the Federal and local sponsors, are recommending that the project be transferred.

The Task Force is soliciting comments regarding the proposed project transfer. Comments should be sent to the address shown below no later than August 15, 2007.

Department of the Army
New Orleans District, Corps of Engineers
Attention: PPPMD-Restoration Branch, Ms. M. Goodman
Post Office Box 60267
New Orleans, Louisiana 70160-0267

If you have any other comments or questions, please contact Ms. Melanie Goodman, Acting CWPPRA Program Manager, (504) 862-1940.

Sincerely,

Fr 
Richard P. Wagenaar
Colonel, U. S. Army
District Commander

This letter was sent to the following addressees: Honorable Mary Landrieu, United States Senate, Federal Courthouse, 707 Florida Street, Room 326, Baton Rouge, LA 70801, Honorable David Vitter, United States Senate, One American Place, Suite 2030, Baton Rouge, LA 70825; Honorable Charlie Melancon, Representative in Congress, 404 Cannon House Office Building, Washington, DC 20515; Senator Walter J. Boasso, Louisiana Senate, 100 Intermodal Drive, Chalmette, LA 70043, Senator Francis C. Heitmeier, Louisiana Senate, 3709 General DeGaulle, New Orleans, LA 70114; Representative Ernest D. Wooton, Louisiana House of Representatives, 8018 Highway 23, Suite 214, Belle Chasse, LA 70037; Mr. William Nungesser, Plaquemines Parish President, 106 Avenue G, Belle Chasse, LA 70037

Sincerely,

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Richard P. Wagenaar
Colonel, U. S. Army
District Commander

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COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

September 12, 2007

**RACCOON ISLAND SHORELINE PROTECTION/MARSH CREATION
PROJECT (TE-48)**

For Decision:

NRCS and DNR are requesting approval to transfer \$319, 255 from the construction budget of Phase A (breakwaters) to the E&D budget of Phase B (marsh creation).

State of Louisiana



KATHLEEN BABINEAUX BLANCO
GOVERNOR

SCOTT A. ANGELLE
SECRETARY

DEPARTMENT OF NATURAL RESOURCES OFFICE OF COASTAL RESTORATION AND MANAGEMENT

August 8, 2007

Mr. Britt Paul, P.E.
Assistant State Conservationist
U.S. Department of Agriculture
Natural Resources Conservation Service
3737 Government Street
Alexandria, LA 71302

Re: Local Sponsor Concurrence to Funds Transfer within Budget of Raccoon Island Shoreline Protection/Marsh Creation (TE-48) Project.

Dear Mr. Paul:

LDNR concurs with the NRCS request to transfer \$319,255 based on utilizing the original borrow area as detailed in the attached funds breakdown dated August 2, 2007. This amount will be transferred from anticipated surplus construction funds of the TE-48 Breakwaters Phase "A" to complete Phase 1 Engineering and Design work for the Marsh Creation Phase "B" of same project.

In accordance with CWPPRA Standard Operating Procedures, we request that you forward this letter of concurrence along with the revised project budget to the Technical Committee for further authorization. Should you have any questions, or wish to discuss this topic further, please contact me 225-342-6871 or chris.knotts@la.gov.

Sincerely,

Christopher P. Knotts, P.E.
Director

Attachment

cc: Loland Broussard, NRCS
Edmund Giering, NRCS
Beau Tate, LDNR/CED
Luke Le Bas, LDNR/CED

Ronnie Faulkner, NRCS
Ismail Merhi, LDNR/CED
Syed Khalil, LDNR/CED
Chris Williams, LDNR/CED

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

September 12, 2007

GIWW BANK RESTORATION OF CRITICAL AREAS (TE-43)

For Decision:

NRCS and DNR are requesting that the Technical Committee review the GIWW Bank Restoration of Critical Areas (TE-43) Change in Project Scope Report and recommend approval of the scope change to the Task Force.

Gallagher, Anne E MVN-Contractor

From: Paul, Britt - Alexandria, LA [britt.paul@la.usda.gov]
Sent: Wednesday, August 29, 2007 3:45 PM
To: Darryl_Clark@fws.gov; GERRYD@dnr.state.la.us; richard.hartman@noaa.gov; parrish.sharon@epa.gov; Constance, Troy G MVN
Cc: Kinler, Quin - Baton Rouge, LA; Boustany, Ron - Lafayette, LA; IsmailM@dnr.state.la.us; Gallagher, Anne E MVN-Contractor; Goodman, Melanie L MVN; DanielL@dnr.state.la.us; john.jurgensen@la.usda.gov; LeBlanc, Julie Z MVN; Kevin_Roy@fws.gov; Landers.Timothy@epamail.epa.gov; rachel.sweeney@noaa.gov
Subject: Project Scope Change Report to Technical Committee regarding TE-43 GIWW Bank Restoration in Critical Areas of Terrebonne

Follow Up Flag: Follow up
Flag Status: Completed

Attachments: TE-43 TC Report Final 8-29-07.doc



TE-43 TC Report
Final 8-29-07....

CWPPRA Technical Committee,
As discussed at the last Technical Committee meeting and per the SOP section 6 (e) (3). NRCS and DNR are requesting the Technical Committee to review the attached report and recommend approval of the scope change to the Task Force for the above referenced project. If it is possible, we would like to add this as an agenda item for the upcoming meeting. If it is too late we would like to have it considered under "additional agenda items".

Thanks,

Britt

<<TE-43 TC Report Final 8-29-07.doc>>

W. Britt Paul, P.E.
Assistant State Conservationist WR/RD
USDA-NRCS
318-473-7756
britt.paul@la.usda.gov

GIWW Bank Restoration of Critical Areas (TE-43) Change in Project Scope

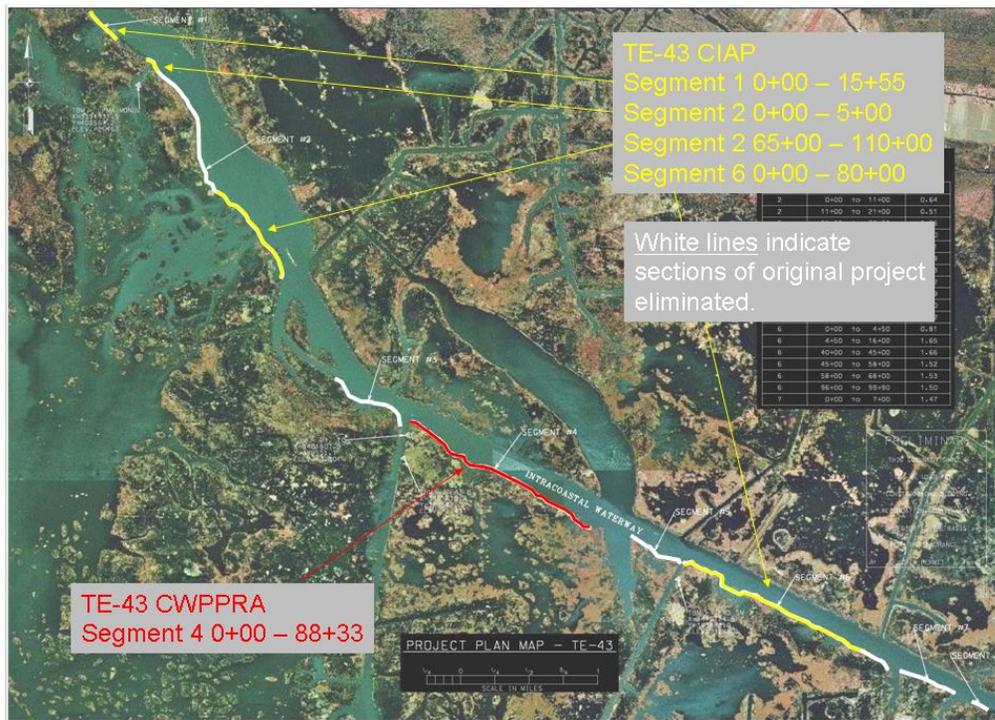
Report to the Technical Committee

The original GIWW Bank Restoration of Critical Areas (TE-43) project consisted of 41,000 linear ft of bankline protection. The Coastal Impact Assistance Program (CIAP) adopted approximately 14,500 linear ft of the most critical area of the project where the bankline has already breached into the adjacent floating marshes. The NRCS-DNR project team has also determined that 17,500 linear ft of the original project can be eliminated because the bank appears to be relatively stable. Therefore, NRCS and LDNR have agreed to a change in project scope with the revised project consisting of 8,800 ft of the original project to complete the protection of the bankline determined by the project team to be most critical.

The following table provides a comparison of the original and revised projects.

	Original Project	Revised Project
Fully-funded cost	\$29,987,641	\$13,089,417 (2006 estimate)
Net Acres @ Year 20	366	79
AAHUs	183	39.4
Prioritization Score	36.35	36.35

Using the 2006 cost estimate, the Prioritization Score has been updated and concurrence received from LDNR on August 23, 2007. Prior to upcoming the Phase II funding submittal, an updated cost estimate will be prepared and the Prioritization Score updated, if needed.



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

September 12, 2007

STATUS OF UNCONSTRUCTED PROJECTS

For Discussion/Decision:

As directed by the Task Force, the P&E Subcommittee will report on the status of unconstructed CWPPRA projects that are, experiencing project delays. Discussions will include the status on milestones and decisions will be on directions to take on the following projects as outlined below:

- a. West Point a la Hache Outfall Management Project: project update and status on change project scope.
- b. Brown Lake Hydrologic Restoration Project: update on revised WVA milestone, request for construction approval.
- c. Periodic Introduction of Sediment and Nutrients at Selected Diversion Sites
- d. Mississippi River Sediment Trap Project
- e. Benney's Bay: Induced Shoaling Issue

West Point a la Hache (BA-04c)

Status Report for September 12, 2007 Technical Committee Meeting

- By the end of September, a draft revised WVA will be submitted to LDNR for Project Team Review. Upon concurrence between NRCS and LDNR, draft revised WVA will be sent to EnvWG for review.
- A Scope of services for Engineering and Design has been prepared by LDNR and reviewed by NRCS. LDNR is initiating contracting for said Scope.

Brown Lake Hydrologic Restoration (CS-09)

Status Report for September 12, 2007 Technical Committee Meeting

- By September 12, a draft revised WVA will be submitted to LDNR for Project Team Review. Upon concurrence between NRCS and LDNR, draft revised WVA will be sent to EnvWG for review.
- Public Notice period for permit modification ended on August 20, 2007. No comments were received. USACE is waiting to issue permit after internal Corps review of the containment cells. The expected date of issuance of permit should be no later than September 30, 2007.
- All necessary landowner easements have been executed.
- Coordination for pipeline crossings is ongoing.
- Plans and specifications are anticipated to be complete by November 12, 2007. LDNR and NRCS review should be completed by December 15, 2007. Final version ready for contracting should be completed by January 15, 2008.

Status Review - Unconstructed CWPPRA Projects
August 29, 2007

1. Project Name (and number): Periodic Introduction of Sediment and Nutrients at Selected Diversion Sites Demonstration (MR-11)

2. PPL: 9

3. Federal Agency: US Army Corps of Engineers

4. Date of Construction Approval / Phase Two Approval: 2000

5. Approved Total Budget: \$1.50 million

6. Expenditures: \$31,725

7. Unexpended Funds: \$1,471,092

8. Estimate of anticipated funding increases, including O&M:

9. Potential changes to project benefits:

10. Brief chronology of project development and issues affecting implementation:

2000

Jan 2000	The project was approved by CWPPRA Task Force on PPL 9.
Apr 2000	Development of the draft project work plan was initiated.

2001

Mar 2001	Kick-off meeting was held and work plan approved.
Jun 2001	Potential demonstration sites considered. Naomi Siphon decided as best place to try demo.
Oct 2001	Site visit to Naomi Siphon.

2002

May 2002	Draft cost sharing agreement developed.
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2003

Apr 2003	Hydraulics report finished indicating Naomi not adequate to carry sediment.
May 2003	Determine to consider the possibility of demo at Caernarvon.
Jun 2003	Began talking to stakeholders: LADNR, Caernarvon Advisory Board, Pulsing Study Team.

2004

	Developed scope of sediment delivery via Caernarvon
--	-----------------------------------------------------

2005
Mar 2005 Hydraulics team determined sediment capacity of Caenarvon outfall canal.
Jun 2005 Waterways located possible sediment sources. Costs engineering developed alternatives for sediment delivery.
Aug 2005 Preliminary report drafted with tentatively selected plan.
Aug 2005 Project stalled due to Katrina workload

2006
Nov 2006 Began discussion to ensure consistency with this project and 4th Supplemental project Modification to Caenarvon

2007 Need to close out Preliminary Design Report with LADNR.

11. Current status/remaining issues:

USACE is working on closing out the report. The close out report will document the limited impact of the project due to high dredging costs and budget constraints.

12. Projected schedule:

Preliminary Design Report should be complete by November 2007.

13. Preparer: Joan Lanier, USACE, 504-862-1814

Benneys Bay Sediment Diversion (MR-13)
Status Report - September 6, 2007

Project Managers: Miller (Corps)/ Beall (DNR)

Purpose: A 50,000 cfs controlled sediment diversion near mile 7.5 AHP in the Mississippi River is proposed. This site was chosen to divert river water because it is located at the trailing end of a sandbar where sediment capture and diversion into the bay would be maximized. The river water conveyance channel would be approximately 1,200 feet wide and 25 feet deep and slope up to the existing bottom depth of the receiving area (-2 ft) in Benneys Bay. Dredged material generated during construction of the channel would be placed in shallow open water to create about 100 acres of marsh. The construction material would be pumped through hydraulic pipelines (both floating and shore pipe) and would require two temporary construction access corridors to route the pipeline. To aid in sub-delta growth, bifurcation channels would be dredged approximately every five years on state waterbottoms within the outfall area. Two facilities require relocation prior to channel construction: a 16-inch crude oil pipeline owned by Shell and electric power lines owned by Entergy. In addition, approximately 1,200 feet of foreshore dike would need to be removed from the riverbank at the mouth of the diversion channel. Three-dimensional computer modeling estimates that the diversion would cause induced shoaling downstream in the Mississippi River in both the navigation channel and the Pilottown Anchorage Area. Induced shoaling associated with the sediment diversion would be removed from the river through maintenance dredging actions paid for with CWPPRA project funds. All of the maintenance dredged material would be used beneficially to create wetlands in Benneys Bay or West Bay. A rock scour lining will be installed across the mouth of the diversion to maintain channel slopes and depths

Current Status: The project design team has completed a draft 95% design report and draft plans and specifications. The information has been reviewed at the LDNR and some minor comments on the design report remain unresolved. However, a larger issue – the problem of induced shoaling in the Mississippi River - is impacting the completion of the final design review milestone. Modeling indicates that construction of the proposed river diversion will cause substantial shoaling in the river. Costs to remove the material from the channel are the responsibility of the project. In the past LDNR has sought to limit the O&M budget for dredging to \$10 million but that would not cover the estimated 20 years of required maintenance.

NEXT ACTIONS: Resolve induced shoaling issue. Work with LDNR on how to proceed with the project and how to handle larger programmatic issue of delta management. The project ranks very high on the prioritization list and can be consistent with the State's Master Plan for Coastal Protection and Restoration through the Mississippi River Delta Management. The USACE would like to complete the 95% design review and let the project compete for construction funds. DNR's position is that completing 95% design review is dependent on working through the induced shoaling issue. A project status report is set for Technical Committee in September.

Approval Level: Phase I approved in Aug 2001; 30% design review September 2002; 95% review - on hold pending induced shoaling issue resolution.

Sediment Trap Below Venice and the Head of Passes
Status Report
September 6, 2007

Project Managers:

Lanier (Corps)/ Beall (DNR)

Purpose:

A proposed sediment trap between Miles 1 and 5 AHP would capitalize on the river's natural deposition of material in this area. The size and location of the 4 mile x 1500 ft x 20 ft deep sediment trap was determined through modeling to maximize capture of sediments. The project could provide material to recreate emergent wetlands in the extensive open water areas on both sides of the river in the delta. Construction of the project will reduce downstream maintenance requirements in the navigation channel.

- USACE/LDNR team will identify alternative sites for marsh creation.

Current Status:

Alternatives map & acreage data submitted to LDNR in Nov 2003.

Plan reformulation meetings held Nov 02, Feb 03, May 03, July 03, August 03

Task Force approved Phase I funding with direction that additional environmental alternatives be developed.

Kickoff/alternatives scoping meeting held in Sept 2002.

Study report completed in Dec 2001.

Detailed Phase I cost estimate was prepared in April 02.

NEXT ACTIONS:

Seek LDNR position on how to proceed. LDNR to submit a letter to Corps asking for written confirmation that they can dredge outside the channel with Ops maintenance funding.

As of September 6, 2007 letter from LDNR has not been received.

Project status to be given to Technical Committee on September 12, 2007

Approval Level: Phase I approved by TF in Aug 02

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

September 12, 2007

IMPACTS OF CONVERTING PPL 1-8 TO CASH FLOW

For Discussion/Decision:

The P&E presented an overview of the impacts of converting PPL 1-8 projects to cash flow procedures on cost share and land rights agreements at the last Technical Committee and Task Force meetings. A summary of the estimated potential construction and long-term O&M and Monitoring funds tied up in PPL 1-8 that could be used to fund projects that are eligible for construction in the near term was also provided. A completed analysis of Construction and long term O&M and Monitoring funds will be presented to the Technical Committee. The Technical Committee will consider and vote on whether or not they will recommend to the Task Force to convert PPL 1-8 to cash flow procedures, weighing the impacts on cost share and land rights agreements; the total amount of funds that could be available to fund construction of eligible projects; whether or not unexpended construction funds from unconstructed projects would be included and if those projects would then be subject to the standard operating procedures for cash flow projects (i.e., 30% and 95% design review and Phase II approval and funding requirements).

SUMMARY OF PPL 1-8 FUNDS THAT COULD BE USED TO FUND CONSTRUCTION OF CASH FLOW PROJECTS:

The following spreadsheets provide project specific details of unexpended PPL 1-8 funds and potential amounts that could be used to fund construction for cash flow projects that are eligible for Phase II. Separate spreadsheets are provided for Construction, O&M and Monitoring Funding Categories. A summary of the total funds for all three categories is provided below.

Total Unexpended PPL 1-8 Funds

Construction	\$21,542,342
O&M	\$31,642,415
Monitoring	\$14,359,656
Total	\$67,544,413

**Potential Return of Construction Funds from
Non-Cash Flow Projects Without Construction Approval**

Proj No.	PPL	Agency	Project	Potential Construction Funds to Return to Program	Const Start
CS-09	2	NRCS	Brown Lake	\$1,963,099	Jun-08
TE-10	5	USFWS	Grand Bayou	\$2,637,807	Jul-09
TE-32a	6	USFWS	Lake Boudreaux	\$5,453,945	Sep-09
TE-34	6	NRCS	Penchant Basin	\$9,723,048	Jun-08
BA-04c	3	NRCS	West Pointe a la Hache	\$1,764,443	Jun-08
			Total	\$21,542,342	

CWPPRA PPL1-8 Projects, O&M Costs to Potentially use to construct cash-flow projects																	
PROJECT	Proj Code	PL	Agency	Const Start	Const Compl	O&M			3-year Rolling Amount Needed					O&M Return Amounts			
						(A) Current Estimate O&M	(D) Expenditures TOTAL O&M	(E) = (A) - (D) Unexpended Balance TOTAL O&M	FY06 (still to be invoiced/credited)	FY07	FY08	FY09	FY10	Unexpended Balance less 3-year Rolling Amount	O&M Amount Available to Return		
Barataria Bay Waterway Wetland Creation	BA-19	1	COE	22-Jul-96	A	15-Oct-96	A	0	0	0					0	0	
Bayou Labranche Wetland Creation	PO-17	1	COE	6-Jan-94	A	7-Apr-94	A	560	560	0					0	0	
Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 1	PO-16	1	FWS	1-Jun-95	A	30-Mar-96	A	294,364	118,194	176,170	3,489	2,423	17,731	18,194	18,667	115,666	115,666
Cameron Creole Plugs	CS-17	1	FWS	1-Oct-96	A	28-Jan-97	A	198,245	32,431	165,814	56,639	7,519	137,207	6,106	6,240	(47,897)	0
Cameron Prairie National Wildlife Refuge Shoreline Protection	ME-09	1	FWS	19-May-94	A	9-Aug-94	A	213,059	29,429	183,630	446	2,312	12,907	5,570	5,737	156,658	156,658
GIWW to Clovelly Hydrologic Restoration	BA-02	1	NRCS	21-Apr-97	A	31-Oct-00	A	1,235,079	84,243	1,150,836	7,215	42,503	167,758	24,069	24,236	885,055	885,055
Isles Dernieres Restoration East Island	TE-20	1	EPA	16-Jan-98	A	15-Jun-99	A	0	0	0						0	0
Lake Salvador Shoreline Protection at Jean Lafitte NHP&P		1	COE	1-Jun-95	A	21-Mar-96	A	0	0	0						0	0
Sabine National Wildlife Refuge Erosion Protection	CS-18	1	FWS	24-Oct-94	A	1-Mar-95	A	294,521	14,342	280,179	706	704	5,470	5,570	5,737	261,992	261,992
Vegetative Plantings - Falgout Canal Planting Demonstration(DEMO)	TE-17	1	NRCS	30-Aug-96	A	30-Dec-96	A	27,885	13,654	14,231	0	0	0	0	0	14,231	14,231
Vegetative Plantings - Timbalier Island Planting Demonstration (DEMO)	TE-18	1	NRCS	15-Mar-95	A	30-Jul-96	A	27,885	13,654	14,231	0	0	0	0	0	14,231	14,231
Vegetative Plantings - West Hackberry Planting Demonstration (DEMO)	CS-19	1	NRCS	15-Apr-93	A	30-Mar-94	A	27,884	13,654	14,230	0	0	0	0	0	14,230	14,230
Vermilion River Cutoff Bank Protection	TV-03	1	COE	10-Jan-96	A	11-Feb-96	A	235,937	73,119	162,818	137,339	1,360	10,407	5,570	5,737	2,405	2,405
West Bay Sediment Diversion	MR-03	1	COE	10-Sep-03	A	28-Nov-03	A	15,142,908	7,678,891	7,464,017	30,172	3,334	115,000	1,313,000	35,000	5,967,511	5,967,511
Atchafalaya Sediment Delivery	AT-02	2	NMFS	25-Jan-98	A	21-Mar-98	A	452,452	11,122	441,330	3,238	1,325	37,483	376,569	5,736	16,979	16,979
Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 2	PO-18	2	FWS	15-Apr-96	A	28-May-97	A	367,239	190,300	176,939	24,671	2,016	15,426	15,827	16,240	102,759	102,759
Big Island Mining	AT-03	2	NMFS	25-Jan-98	A	8-Oct-98	A	409,773	12,190	397,583	4,918	1,081	50,903	334,569	5,736	376	376
Brown Lake Hydrologic Restoration	CS-09	2	NRCS	1-Jun-08	A	1-Jun-09	A	432,226	692	431,534	0	0	0	0	10,349	421,185	421,185
Caernarvon Diversion Outfall Management	BS-03a	2	NRCS	1-Jun-01	A	19-Jun-02	A	1,172,767	160,915	1,011,852	21,604	44,430	4,290	4,401	4,516	932,611	932,611
Clear Marais Bank Protection	CS-22	2	COE	29-Aug-96	A	3-Mar-97	A	796,394	54,899	741,495	1,947	6,005	5,407	13,070	5,737	709,329	709,329
East Mud Lake Marsh Management	CS-20	2	NRCS	1-Oct-95	A	15-Jun-96	A	1,323,955	305,431	1,018,524	20,254	65,725	1,548,030	12,606	12,740	(640,831)	0
Freshwater Bayou Wetland Protection	ME-04	2	NRCS	29-Aug-94	A	15-Aug-98	A	1,258,566	766,394	492,172	479,846	992	5,407	5,570	5,737	(5,380)	0
Fritchie Marsh Restoration	PO-06	2	NRCS	1-Nov-00	A	1-Mar-01	A	225,211	51,869	173,342	44,238	5,313	218,426	3,515	3,606	(101,756)	0
Highway 384 Hydrologic Restoration	CS-21	2	NRCS	1-Oct-99	A	7-Jan-00	A	345,898	178,744	167,154	43,712	181,672	51,562	24,706	18,840	(153,338)	0
Isles Dernieres Restoration Trinity Island	TE-24	2	EPA	27-Jan-98	A	15-Jun-99	A	0	0	0						0	0
Jonathan Davis Wetland Restoration	BA-20	2	NRCS	22-Jun-98	A	1-Mar-08	A	7,310,604	67,188	7,243,416	8,652	4,041	3,428	3,517	3,609	7,220,169	7,220,169
Point Au Fer Canal Plugs	TE-22	2	NMFS	1-Oct-95	A	8-May-97	A	829,429	304,965	524,464	418,624	1,024	5,536	5,719	5,908	87,653	87,653
Vermilion Bay/Boston Canal Shore Protection	TV-09	2	NRCS	13-Sep-94	A	30-Nov-95	A	195,775	33,297	162,478	2,655	3,167	12,907	5,570	5,737	132,442	132,442
West Belle Pass Headland Restoration	TE-23	2	COE	10-Feb-98	A	30-Sep-05	A	434,475	12,839	421,636	0	78	257,624	0	0	163,934	163,934
Brady Canal Hydrologic Restoration	TE-28	3	NRCS	1-May-99	A	22-May-00	A	1,344,038	866,574	477,464	25,100	34,545	63,907	64,069	64,236	225,607	225,607
Cameron-Creole Maintenance	CS-04a	3	NRCS	30-Sep-97	A	30-Sep-97	A	6,340,505	970,316	5,370,189	277,545	176,361	5,068,865	11,106	11,240	(174,928)	0
Channel Armor Gap Crevasse	MR-06	3	COE	22-Sep-97	A	2-Nov-97	A	0	0	0						0	0
Cote Blanche Hydrologic Restoration	TV-04	3	NRCS	25-Mar-98	A	15-Dec-98	A	2,508,340	501,844	2,006,496	80,194	3,685	1,583,712	5,570	5,737	327,598	327,598
East Timbalier Island Sediment Restoration, Phase 1	TE-25	3	NMFS	1-May-99	A	1-May-01	A	0	0	0						0	0
Lake Chapeau Sediment Input and Hydrologic Restoration	TE-26	3	NMFS	14-Sep-98	A	18-May-99	A	655,589	392,149	263,440	2,335	8,818	196,019	17,569	5,736	32,963	32,963
Lake Salvador Shore Protection Demonstration (DEMO)	BA-15	3	NMFS	2-Jul-97	A	30-Jun-98	A	291,455	291,455	0						0	0
MRGO Disposal Area Marsh Protection	PO-19	3	COE	25-Jan-99	A	29-Jan-99	A	0	0	0	0	0				0	0
Sabine Refuge Structure Replacement (Hog Island)	CS-23	3	FWS	1-Nov-99	A	10-Sep-03	A	567,987	80,931	487,056	22,911	19,972	58,507	15,570	15,737	354,359	354,359
West Pointe a la Hache Outfall Management	BA-04c	3	NRCS	1-Jun-08	A	30-Sep-08	A	829,138	49	829,089	0	0	0	3,871	3,972	821,246	821,246
Whiskey Island Restoration	TE-27	3	EPA	13-Feb-98	A	15-Jun-00	A	0	0	0						0	0

PROJECT	Proj Code	PL	Agency	Const Start	Const Compl	(A) Current Estimate O&M	(D) Expenditures TOTAL O&M	(E) = (A) - (D) Unexpended Balance TOTAL O&M	FY06 (still to be invoiced/ credited)	FY07	FY08	FY09	FY10	Unexpended Balance less 3-year Rolling Amount	O&M Amount Available to Return
Barataria Bay Waterway West Side Shoreline Protection	BA-23	4	NRCS	1-Jun-00	A 1-Nov-00	746,260	137,898	608,362	270,157	19,328	10,342	10,611	10,887	287,037	287,037
East Timbalier Island Sediment Restoration, Phase 2	TE-30	4	NMFS	1-May-99	A 15-Jan-00	0	0	0						0	0
Perry Ridge Shore Protection	CS-24	4	NRCS	15-Dec-98	A 15-Feb-99	424,509	22,468	402,041	3,158	1,954	5,407	5,570	5,737	380,215	380,215
Plowed Terraces Demonstration (DEMO)	CS-25	4	NRCS	30-Apr-99	A 31-Aug-00	3,972	3,330	642	57	0	0	0	0	585	585
Bayou Chevee Shoreline Protection	PO-22	5	COE	25-Aug-01	A 17-Dec-01	236,693	18,457	218,236	1,122	4,616	0	0	4,596	207,902	207,902
Bayou Lafourche Siphon	BA-25	5	EPA			0	0	0						0	0
Freshwater Bayou Bank Stabilization	ME-13	5	NRCS	15-Feb-98	A 15-Jun-98	575,510	67,265	508,245	497,894	1,817	5,407	5,570	5,737	(8,180)	0
Grand Bayou Hydrologic Restoration	TE-10	5	FWS	1-Jul-09	1-Dec-09	2,744,800	0	2,744,800	0	0	0	0	0	2,744,800	2,744,800
Little Vermilion Bay Sediment Trapping	TV-12	5	NMFS	10-May-99	A 20-Aug-99	193,807	18,652	175,155	2,126	391	12,907	5,570	5,737	148,424	148,424
Myrtle Grove Siphon	BA-24	5	NMFS			0	0	0						0	0
Naomi Outfall Management	BA-03c	5	NRCS	1-Jun-02	A 15-Jul-02	488,980	72,771	416,209	17,767	67,349	36,094	6,174	13,371	275,454	275,454
Raccoon Island Breakwaters Demonstration (DEMO)	TE-29	5	NRCS	21-Apr-97	A 31-Jul-97	29,034	12,349	16,685	27	0	0	0	0	16,658	16,658
Sweet Lake/Willow Lake Hydrologic Restoration	CS-11b	5	NRCS	1-Nov-99	A 2-Oct-02	478,513	13,527	464,986	1,469	2,765	5,407	30,570	5,737	419,038	419,038
Mississippi River Reintroduction into Bayou Lafourche	BA-25b	5.1	EPA			0	0	0						0	0
Barataria Bay Waterway East Side Shoreline Protection	BA-26	6	NRCS	1-Dec-00	A 31-May-01	1,228,500	46,447	1,182,053	718,168	2,801	3,387	3,475	3,565	450,657	450,657
Black Bayou Hydrologic Restoration	CS-27	6	NMFS	1-Jul-01	A 3-Nov-03	592,986	87,701	505,285	336,674	24,760	187,186	5,053	5,120	(53,508)	0
Cheniere au Tigre Sediment Trapping Demonstration (DEMO)	TV-16	6	NRCS	1-Sep-01	A 2-Nov-01	24,802	10,038	14,764	573	0	0	0	0	14,191	14,191
Delta Wide Crevasses	MR-09	6	NMFS	21-Jun-99	A 1-May-05	3,695,207	968,076	2,727,131	16,584	43,691	5,000	2,656,605	5,305	(54)	0
Flexible Dustpan Demo at Head of Passes (DEMO)	MR-10	6	COE	3-Jun-02	A 21-Jun-02	0	0	0						0	0
Lake Boudreaux Freshwater Introduction	TE-32a	6	FWS	1-Sep-09	1-Mar-10	3,245,424	0	3,245,424	0	0	0	0	0	3,245,424	3,245,424
Marsh Island Hydrologic Restoration	TV-14	6	COE	25-Jul-01	A 12-Dec-01	700,000	56,837	643,163	24,930	8,818	627,856	5,570	5,737	(29,748)	0
Nutria Harvest for Wetland Restoration (DEMO)	LA-03a	6	FWS	20-Sep-98	A 30-Oct-03	0	0	0						0	0
Oaks/Avery Canal Hydrologic Restoration, Increment 1	TV-13a	6	NRCS	15-Apr-99	A 11-Oct-02	323,000	40,339	282,661	4,126	2,336	5,407	5,570	5,737	259,485	259,485
Penchant Basin Natural Resources Plan, Increment 1	TE-34	6	NRCS	1-Jun-08	1-May-09	1,855,804	0	1,855,804	0	0	0	0	0	1,855,804	1,855,804
Sediment Trapping at "The Jaws"	TV-15	6	NMFS	14-Jul-04	A 19-May-05	256,471	1,061	255,410	5,161	2,625	5,407	5,570	5,737	230,910	230,910
Barataria Basin Landbridge Shoreline Protection, Phase 1 and 2	BA-27	7	NRCS	1-Dec-00	A 1-Apr-08	1,525,609	23,636	1,501,973	1,790	1,677	5,407	19,089	5,736	1,468,274	1,468,274
Grand Terre Vegetative Plantings	BA-28	7	NMFS	1-May-01	A 1-Jul-01	62,643	1,822	60,821	373	0	0	0	0	60,448	60,448
Pecan Island Terracing	ME-14	7	NMFS	15-Dec-02	A 10-Sep-03	200,006	4,242	195,764	2,290	2,269	5,407	5,570	5,737	174,491	174,491
Thin Mat Floating Marsh Enhancement Demonstration (DEMO)	TE-36	7	NRCS	15-Jun-99	A 10-May-00	0	0	0						0	0
Hopedale Hydrologic Restoration	PO-24	8	NMFS	10-Jan-04	A 15-Jan-05	449,209	14,092	435,117	2,947	30,263	111,382	11,678	23,191	255,656	255,656
Humble Canal Hydrologic Restoration	ME-11	8	NRCS	1-Jul-02	A 1-Mar-03	239,858	21,065	218,793	6,344	5,346	106,907	5,570	5,737	88,889	88,889
Lake Portage Land Bridge	TV-17	8	NRCS	15-Feb-03	A 15-May-04	105,143	5,889	99,254	2,844	2,812	5,407	5,570	5,737	76,884	76,884
Sabine Refuge Marsh Creation, Cycle 1	CS-28-1	8	COE	15-Aug-01	A 26-Feb-02	2,003	2,003	0	0	0	0	0	0	0	0
Sabine Refuge Marsh Creation, Cycle 2	CS-28-2	8	COE	15-Jan-08	15-Jun-08	0	0	0						0	0
Sabine Refuge Marsh Creation, Cycle 3	CS-28-3	8	COE	25-Oct-06	A 30-Sep-07	0	0	0						0	0
Sabine Refuge Marsh Creation, Cycle 4	CS-28-4	8	COE			0	0	0						0	0
Sabine Refuge Marsh Creation, Cycle 5	CS-28-5	8	COE			0	0	0						0	0
						66,218,887	14,976,301	51,242,585	3,635,031	846,023	10,798,236	5,094,858	441,644		31,642,415

CWPRA PPL1-8 Projects, Monitoring and O&M Costs to Potentially Return to "Cash-Flow Pot"						Monitoring				3-year Rolling Amount Needed				Remaining Balance, to Be Requested Annually														Sum (MUST equal (E))					
PROJECT	Proj Code	PL	Agency	Const Start	Const Compl	(A) Current Estimate - Monitoring	(D) Expenditures TOTAL MONITORING	(E) = (A) - (D) Unexpended Balance TOTAL MONITORING	BALANCE REMAINING ALLOCATED FOR CRMS	FY06 (still to be invoiced/ credited)	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	Sum (MUST equal (E))
Barataria Bay Waterway Wetland Creation	BA-19	1	COE	22-Jul-96	A	15-Oct-96	64,906	64,906	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bayou Labranche Wetland Creation	PO-17	1	COE	6-Jan-94	A	7-Apr-94	274,024	234,047	39,977	0	4,842	8,958	0	5,230	9,675	11,219	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39,977	
Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 1	PO-16	1	FWS	1-Jun-95	A	30-May-96	360,328	153,967	206,361	17,435	82,130	10,367	0	0	11,197	0	60,077	12,094	0	0	13,062	0	0	0	0	0	0	0	0	0	0	206,361	
Cameron Creole Plugs	CS-17	1	FWS	1-Oct-96	A	28-Jan-97	374,511	336,340	38,171	0	14,491	0	0	0	14,936	0	0	0	0	0	8,744	0	0	0	0	0	0	0	0	0	38,171		
Cameron Prairie National Wildlife Refuge Shoreline Protection	ME-09	1	FWS	19-May-94	A	9-Aug-94	101,177	91,665	9,512	0	609	6,481	0	0	2,422	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,512		
GWW to Clovelly Hydrologic Restoration	BA-02	1	NRCS	21-Apr-97	A	31-Oct-00	1,236,624	535,669	700,955	24,312	60,023	39,650	78,762	33,862	42,823	82,911	39,287	46,251	38,499	90,903	38,697	0	84,975	0	0	0	0	0	0	0	700,955		
Isles Dernieres Restoration East Island	TE-20	1	EPA	16-Jan-98	A	15-Jun-99	511,530	361,191	150,339	0	542	92,676	8,948	0	0	0	0	0	0	48,174	0	0	(0)	0	0	0	0	0	0	0	150,340		
Lake Salvador Shoreline Protection at Jean Lafitte NHP&P		1	COE	1-Jun-95	A	21-Mar-96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Sabine National Wildlife Refuge Erosion Protection	CS-18	1	FWS	24-Oct-94	A	1-Mar-95	97,382	72,648	24,734	2,592	8,118	0	0	0	0	4,792	0	0	0	9,232	0	0	0	0	0	0	0	0	0	0	24,734		
Vegetative Plantings - Falgout Canal Planting Demonstration(DEMO)	TE-17	1	NRCS	30-Aug-96	A	30-Dec-96	62,994	79,794	(16,800)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Vegetative Plantings - Timbalier Island Planting Demonstration (DEMO)	TE-18	1	NRCS	15-Mar-95	A	30-Jul-96	69,673	96,602	(26,929)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Vegetative Plantings - West Hackberry Planting Demonstration (DEMO)	CS-19	1	NRCS	15-Apr-93	A	30-Mar-94	68,630	85,637	(17,007)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Vermilion River Cutoff Bank Protection	TV-03	1	COE	10-Jan-96	A	11-Feb-96	91,766	83,654	8,112	0	228	7,087	0	0	0	797	(0)	0	0	0	0	0	0	0	0	0	0	0	0	0	8,112		
West Bay Sediment Diversion	MR-03	1	COE	10-Sep-03	A	28-Nov-03	1,196,946	53,053	1,143,893	31,315	264,604	3,109	162,790	8,995	2,677	2,747	2,818	185,082	7,260	0	0	217,135	8,254	0	0	0	237,723	9,384	0	0	1,143,893		
Atchafalaya Sediment Delivery	AT-02	2	NMFS	25-Jan-98	A	21-Mar-98	212,750	197,295	15,455	0	15,455	(0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,455		
Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 2	PO-18	2	FWS	15-Apr-96	A	28-May-97	281,427	81,398	200,029	20,038	91,733	10,367	0	0	11,197	0	41,539	12,094	0	0	13,062	0	0	0	0	0	0	0	0	0	200,029		
Big Island Mining	AT-03	2	NMFS	25-Jan-98	A	8-Oct-98	205,993	176,839	29,154	0	29,154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29,154			
Brown Lake Hydrologic Restoration	CS-09	2	NRCS	1-Feb-08		1-Feb-09	820,564	397,526	423,038	15,139	27,778	56,520	60,865	18,714	19,200	28,662	36,757	20,737	30,956	21,830	22,397	62,641	0	842	0	0	0	0	0	423,038			
Caernarvon Diversion Outfall Management	BS-03a	2	NRCS	1-Jun-01	A	19-Jun-02	837,103	440,491	396,612	43,404	166,143	0	0	25,180	953	0	27,196	0	0	29,373	0	0	88,804	0	0	15,559	0	0	0	0	396,611		
Clear Marais Bank Protection	CS-22	2	COE	29-Aug-96	A	3-Mar-97	107,218	56,813	50,405	0	14,394	7,087	0	0	5,573	7,853	0	0	0	6,336	0	9,161	0	0	0	0	0	0	0	0	50,405		
East Mud Lake Marsh Management	CS-20	2	NRCS	1-Oct-95	A	15-Jun-96	1,372,544	1,004,651	367,893	0	0	24,728	33,283	29,121	89,169	37,768	100,546	28,845	23,350	1,083	0	0	0	0	0	0	0	0	0	367,893			
Freshwater Bayou Wetland Protection	ME-04	2	NRCS	29-Aug-94	A	15-Aug-98	891,466	604,248	287,218	0	243,843	9,485	0	0	10,245	0	0	11,065	0	0	0	12,580	0	0	0	0	0	0	0	287,218			
Fritch Marsh Restoration	PO-06	2	NRCS	1-Nov-00	A	1-Mar-01	915,647	544,904	370,743	27,728	44,868	21,793	4,373	4,487	82,312	4,723	4,846	25,421	5,101	5,234	27,456	5,510	5,653	85,072	0	16,165	0	0	0	370,743			
Highway 384 Hydrologic Restoration	CS-21	2	NRCS	1-Oct-99	A	7-Jan-00	394,931	381,592	13,339	0	0	9,945	3,394	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,339			
Isles Dernieres Restoration Trinity Island	TE-24	2	EPA	27-Jan-98	A	15-Jun-99	157,804	142,344	15,460	0	15,459	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,459			
Jonathan Davis Wetland Restoration	BA-20	2	NRCS	22-Jun-98	A	1-Mar-08	816,885	455,476	361,409	17	86,937	13,533	22,157	14,245	14,616	41,151	15,386	15,786	84,734	18,505	18,986	0	0	15,356	0	0	0	0	0	361,408			
Point Au Fer Canal Plugs	TE-22	2	NMFS	1-Oct-95	A	8-May-97	112,833	80,610	32,223	0	9,996	6,481	0	0	0	0	7,369	0	0	0	0	8,378	0	0	0	0	0	0	0	32,223			
Vermilion Bay/Boston Canal Shore Protection	TV-09	2	NRCS	13-Sep-94	A	30-Nov-95	137,735	142,924	(5,189)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
West Belle Pass Headland Restoration	TE-23	2	COE	10-Feb-98	A	30-Sep-05	163,974	124,885	39,089	0	3,768	8,290	1,531	0	0	0	0	9,670	0	0	0	4,251	11,579	0	0	0	0	0	0	39,089			
Brady Canal Hydrologic Restoration	TE-28	3	NRCS	1-May-99	A	22-May-00	1,084,338	541,206	543,132	18,462	0	62,786	70,474	40,980	19,964	20,483	100,116	21,562	22,122	53,729	23,288	88,788	0	379	0	0	0	0	0	543,132			
Cameron-Creole Maintenance	CS-04a	3	NRCS	30-Sep-97	A	30-Sep-97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Channel Armor Gap Crevasse	MR-06	3	COE	22-Sep-97	A	2-Nov-97	393,778	192,472	201,306	0	11,726	73,288	0	9,553	0	0	0	0	0	0	95,008	11,730	0	0	0	0	0	0	0	201,305			

PROJECT	Proj Code	PL	Agency	Const Start	Const Comp	(A) Current Estimate - Monitoring	(D) Expenditures TOTAL MONITORING	(E) = (A) - (D) Unexpended Balance TOTAL MONITORING	BALANCE REMAINING ALLOCATED FOR CRMS	FY06 (still to be invoiced/ credited)	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	Sum (MUST equal (E))
Cote Blanche Hydrologic Restoration	TV-04	3	NRCS	25-Mar-98	A	15-Dec-98	786,937	422,329	364,608	0	129,124	34,357	15,956	16,371	25,213	17,233	30,202	27,231	18,613	19,097	17,461	0	13,750	0	0	0	0	0	0	0	0	364,608	
East Timbalier Island Sediment Restoration, Phase 1	TE-25	3	NMFS	1-May-99	A	1-May-01	142,636	96,047	46,589	0	16,957	8,594	0	0	0	0	0	0	0	0	18,178	0	2,860	0	0	0	0	0	0	0	0	46,590	
Lake Chapeau Sediment Input and Hydrologic Restoration	TE-26	3	NMFS	14-Sep-98	A	18-May-99	748,112	478,942	269,170	0	57,262	28,296	22,122	56,500	30,561	62,803	11,626	0	0	0	0	0	0	0	0	0	0	0	0	0	0	269,170	
Lake Salvador Shore Protection Demonstration (DEMO)	BA-15	3	NMFS	2-Jul-97	A	30-Jun-98	88,809	88,809	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MRGO Disposal Area Marsh Protection	PO-19	3	COE	25-Jan-99	A	29-Jan-99	26,311	26,311	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sabine Refuge Structure Replacement (Hog Island)	CS-23	3	FWS	1-Nov-99	A	10-Sep-03	836,094	242,326	593,768	153,059	351,365	3,839	3,939	11,918	4,147	6,499	10,638	4,485	7,019	11,490	4,843	4,721	0	3,011	12,795	0	0	0	0	0	0	593,768	
West Pointe a la Hache Outfall Management	BA-04c	3	NRCS				837,055	74,162	762,893	761,885	1,008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	762,893		
Whiskey Island Restoration	TE-27	3	EPA	13-Feb-98	A	15-Jun-00	139,313	121,603	17,710	0	17,710	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,710	
Barataria Bay Waterway West Side Shoreline Protection	BA-23	4	NRCS	1-Jun-00	A	1-Nov-00	131,332	113,733	17,599	0	0	10,343	6,823	0	0	0	0	0	0	0	0	434	0	0	0	0	0	0	0	0	0	17,599	
East Timbalier Island Sediment Restoration, Phase 2	TE-30	4	NMFS	1-May-99	A	15-Jan-00	145,041	70,763	74,278	0	15,537	17,146	8,594	0	0	0	0	0	0	21,602	0	0	11,398	0	0	0	0	0	0	0	0	74,278	
Perry Ridge Shore Protection	CS-24	4	NRCS	15-Dec-98	A	15-Feb-99	153,704	90,596	63,108	0	8,230	6,908	0	8,888	7,461	0	9,600	8,058	0	10,368	0	3,595	0	0	0	0	0	0	0	0	0	63,108	
Plowed Terraces Demonstration (DEMO)	CS-25	4	NRCS	30-Apr-99	A	31-Aug-00	41,453	43,045	(1,592)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bayou Chevee Shoreline Protection	PO-22	5	COE	25-Aug-01	A	17-Dec-01	144,178	46,148	98,030	0	20,015	9,795	7,342	0	10,579	7,930	0	11,426	8,757	0	12,340	0	9,846	0	0	0	0	0	0	0	0	98,030	
Bayou Lafourche Siphon	BA-25	5	EPA				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Freshwater Bayou Bank Stabilization	ME-13	5	NRCS	15-Feb-98	A	15-Jun-98	56,748	41,861	14,887	0	0	0	2,569	7,000	0	0	0	0	2,997	0	0	2,321	0	0	0	0	0	0	0	0	0	14,887	
Grand Bayou Hydrologic Restoration	TE-10	5	FWS	1-Dec-08	A	1-May-09	1,225,247	346,205	879,042	0	175,653	147,295	22,401	20,084	0	120,841	24,823	22,256	0	92,291	27,507	24,662	144,194	29,709	0	27,329	0	0	0	0	0	879,042	
Little Vermilion Bay Sediment Trapping	TV-12	5	NMFS	10-May-99	A	20-Aug-99	143,476	92,695	50,781	0	0	0	20,357	8,943	0	0	0	0	0	0	13,598	0	7,884	0	0	0	0	0	0	0	0	50,781	
Myrtle Grove Siphon	BA-24	5	NMFS				6,206	6,206	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Naomi Outfall Management	BA-03c	5	NRCS	1-Jun-02	A	15-Jul-02	589,170	197,698	391,472	48,610	145,538	18,303	63,989	11,397	0	11,306	0	8,335	12,211	0	58,252	0	13,532	0	0	0	0	0	0	0	0	391,472	
Raccoon Island Breakwaters Demonstration (DEMO)	TE-29	5	NRCS	21-Apr-97	A	31-Jul-97	192,384	162,918	29,466	0	29,466	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29,466		
Sweet Lake/Willow Lake Hydrologic Restoration	CS-11b	5	NRCS	1-Nov-99	A	2-Oct-02	161,249	39,263	121,986	11,120	51,506	0	0	17,331	9,419	0	0	0	0	20,743	0	0	11,867	0	0	0	0	0	0	0	0	121,986	
Mississippi River Reintroduction into Bayou Lafourche	BA-25b	5.1	EPA				80,400	17,170	63,230	23,993	39,237	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63,230		
Barataria Bay Waterway East Side Shoreline Protection	BA-26	6	NRCS	1-Dec-00	A	31-May-01	78,790	79,862	(1,072)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Black Bayou Hydrologic Restoration	CS-27	6	NMFS	1-Jul-01	A	3-Nov-03	838,934	188,624	650,310	138,645	345,905	0	0	46,278	0	16,678	13,309	18,577	441	14,374	40,175	0	0	15,928	0	0	0	0	0	0	0	650,310	
Cheniere au Tigre Sediment Trapping Demonstration (DEMO)	TV-16	6	NRCS	1-Sep-01	A	2-Nov-01	54,487	39,111	15,376	0	15,376	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,376	
Delta Wide Crevasses	MR-09	6	NMFS	21-Jun-99	A	1-May-05	288,052	138,334	149,718	0	40,020	8,769	0	0	0	45,340	9,969	0	0	0	45,619	0	0	0	0	0	0	0	0	0	0	149,717	
Flexible Dustpan Demo at Head of Passes (DEMO)	MR-10	6	COE	3-Jun-02	A	21-Jun-02	46,000	2,908	43,092	14,325	28,767	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43,092		
Lake Boudreaux Freshwater Introduction	TE-32a	6	FWS	1-Sep-08	A	1-Mar-09	858,657	127,030	731,627	239,962	491,665	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	731,627		
Marsh Island Hydrologic Restoration	TV-14	6	COE	25-Jul-01	A	12-Dec-01	673,747	186,881	486,866	80,466	257,960	1,642	0	42,301	0	13,585	11,006	12,385	0	13,902	36,583	0	0	17,037	0	0	0	0	0	0	0	486,866	
Nutria Harvest for Wetland Restoration (DEMO)	LA-03a	6	FWS	20-Sep-98	A	30-Oct-03	154,275	154,275	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Oaks/Avery Canal Hydrologic Restoration, Increment 1	TV-13a	6	NRCS	15-Apr-99	A	11-Oct-02	673,700	108,360	565,340	42,034	263,809	20,335	28,304	48,312	0	19,140	21,271	0	51,378	22,974	0	22,327	0	25,458	0	0	0	0	0	0	0	565,341	
Penchant Basin Natural Resources Plan, Increment 1	TE-34	6	NRCS	1-Feb-08	A	1-Jan-09	855,145	39,562	815,583	272,055	543,528	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	815,583		
Sediment Trapping at "The Jaws"	TV-15	6	NMFS	14-Jul-04	A	19-May-05	148,823	35,056	113,767	24,135	89,632	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	113,767		
Barataria Basin Landbridge Shoreline Protection, Phase 1 and 2	BA-27	7	NRCS	1-Dec-00	A	1-Apr-08	168,650	144,481	24,169	0	24,170	(0)	(0)	(0)	0	0	0	0	0	0	(0)	0	0	0	0	0	0	0	0	0	0	24,169	
Grand Terre Vegetative Plantings	BA-28	7	NMFS	1-May-01	A	1-Jul-01	146,932	60,269	86,663	0	86,663	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86,663		
Pecan Island Terracing	ME-14	7	NMFS	15-Dec-02	A	10-Sep-03	151,536	110,018	41,518	0	0	0	3,031	8,066	0	0	0	0	0	7,003	22,954	464	0	0	(0)	0	0	0	0	0	0	41,517	
Thin Mat Floating Marsh Enhancement Demonstration (DEMO)	TE-36	7	NRCS	15-Jun-99	A	10-May-00	470,353	470,353	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

PROJECT	Proj Code	PL	Agency	Const Start	Const Comp	(A) Current Estimate - Monitoring	(D) Expenditures TOTAL MONITORING	(E) = (A) - (D) Unexpended Balance TOTAL MONITORING	BALANCE REMAINING ALLOCATED FOR CRMS	FY06 (still to be invoiced/credited)	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	Sum (MUST equal (E))
Hopedale Hydrologic Restoration	PO-24	8	NMFS	10-Jan-04	A 15-Jan-05	A 641,052	125,409	515,643	69,199	259,173	16,833	17,271	11,739	0	0	39,901	28,952	0	13,693	0	0	0	0	34,297	0	22,941	1,644	0	0	0	0	515,643	
Humble Canal Hydrologic Restoration	ME-11	8	NRCS	1-Jul-02	A 1-Mar-03	A 674,821	209,942	464,879	15,965	75,880	29,581	18,734	19,448	59,574	20,234	21,005	34,506	21,854	23,772	37,268	63,285	0	0	23,770	0	0	0	0	0	0	0	464,878	
Lake Portage Land Bridge	TV-17	8	NRCS	15-Feb-03	A 15-May-04	A 87,096	18,691	68,405	15,802	46,884	0	0	0	2,854	0	0	0	0	0	0	0	2,865	0	0	0	0	0	0	0	0	0	68,405	
Sabine Refuge Marsh Creation, Cycle 1	CS-28-1	8	COE	15-Aug-01	A 26-Feb-02	A 25,669	25,669	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sabine Refuge Marsh Creation, Cycle 2	CS-28-2	8	COE	15-Jan-08	15-Jun-08	40,654	22,048	18,606	1,997	0	0	11,898	4,585	126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,606	
Sabine Refuge Marsh Creation, Cycle 3	CS-28-3	8	COE	25-Oct-06	A 30-Sep-07	40,920	0	40,920	0	0	0	0	0	13,407	8,792	0	0	0	0	0	0	17,451	0	1,270	0	0	0	0	0	0	0	40,920	
Sabine Refuge Marsh Creation, Cycle 4	CS-28-4	8	COE			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sabine Refuge Marsh Creation, Cycle 5	CS-28-5	8	COE			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
						27,211,629	12,920,560	14,291,068	2,113,694	4,595,621	972,318	725,877	500,538	521,714	528,099	746,688	568,247	339,147	471,783	541,862	484,844	590,775	239,805	53,603	93,350	0	260,664	11,028	0	0	0	14,359,656	

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

September 12, 2007

ADDITIONAL AGENDA ITEMS

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TECHNICAL COMMITTEE MEETING

September 12, 2007

**ANNOUNCEMENT: DATE AND LOCATION OF UPCOMING TASK FORCE
MEETING**

Announcement:

The next Task Force meeting will be held October 25, 2007 at the U.S. Army Corps of Engineers Office, 7400 Leake Ave., New Orleans, Louisiana in the District Assembly Room.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

September 12, 2007

ANNOUNCEMENT: SCHEDULED DATES OF FUTURE PROGRAM MEETINGS

Announcement:

2007			
October 25, 2007	9:30 a.m.	Task Force	New Orleans
2008			
January 16, 2008	9:30 a.m.	Technical Committee	Baton Rouge
February 13, 2008	9:30 a.m.	Task Force	Baton Rouge
February 19, 2008	1:00 p.m.	RPT Region IV	Rockefeller Refuge
February 20, 2008	9:00 a.m.	RPT Region III	Morgan City
February 21, 2008	9:00 a.m.	RPT Region II	New Orleans
February 21, 2008	1:00 p.m.	RPT Region I	New Orleans
March 5, 2008	9:30 a.m.	Coast-wide RPT Voting	Baton Rouge
April 16, 2008	9:30 a.m.	Technical Committee	New Orleans
May 21, 2008	9:30 a.m.	Task Force	Lafayette
September 10, 2008	9:30 a.m.	Technical Committee	Baton Rouge
October 15, 2008	9:30 a.m.	Task Force	Baton Rouge
November 18, 2008	7:00 p.m.	PPL 18 Public Meeting	Abbeville
November 19, 2008	7:00 p.m.	PPL 18 Public Meeting	New Orleans
December 3, 2008	9:30 a.m.	Technical Committee	Baton Rouge
2009			
January 21, 2009	9:30 a.m.	Task Force	Baton Rouge

* Dates in **BOLD** are new or revised dates.