BREAUX ACT

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TECHNICAL COMMITTEE MEETING

AGENDA

October 19, 2005, 9:30 a.m.

Location:

Estuarine Habitats and Coastal Fisheries Center
646 Cajundome Blvd.
Lafayette, LA 70506

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

http://www.mvn.usace.army.mil/pd/cwppra_mission.htm
or
http://lacoast.gov/reports/program/index.asp

Tab Number	Agenda Item

1 Report/Discussion/Decision: Impacts of Hurricanes Katrina and Rita (Broussard/LeBlanc) 9:30 a.m. to 10:15 a.m.

a. Garrett Broussard of the Louisiana Department of Natural Resources will give a presentation on the impacts of Hurricanes Katrina and Rita on CWPPRA Projects.

b. The Technical Committee will discuss potential implications to the CWPPRA Program.

c. The Technical Committee will discuss implications to PPL 15 and PPL 16.

2 Decision: FY06 Planning Budget Approval and Presentation of FY06 Outreach Budget (Monnerjahn/Wilson) 10:15 a.m. to 10:30 a.m.

a. The Planning and Evaluation Subcommittee will recommend a planning budget for the upcoming fiscal year in the amount of $4,553,157. Note that the P&E Subcommittee's recommended planning budget does not include the cost for the Report to Congress. The P&E Subcommittee requests guidance from the Technical Committee on whether to budget for it. The decision should address how the Programmatic Assessment fits in to the CWPPRA Report to Congress. The Technical Committee will make a recommendation to the Task Force to approve the FY06 Planning Budget.

b. The CWPPRA Outreach Committee will present the draft FY06 Outreach Committee Budget in the amount of $460,948 to the Technical Committee for coordination and discussion purposes only. The Outreach Committee Budget will be recommended to the Task Force by the Outreach Committee.

3 **Report: Overview of Available Funding in Construction Program/Phase II Requests Expected in Dec 05/Jan 06 (Browning/LeBlanc) 10:30 a.m. to 10:40 a.m.**
Ms. Browning and Ms. LeBlanc will give an overview of the available funding in the Construction Program and will provide an update on the Phase II requests expected in Dec 05/Jan 06. This information will aid the Technical Committee in making funding recommendations to the Task Force in November 2005.

4 **Decision: Request for Operation and Maintenance (O&M) Funding (Burkholder) 10:40 a.m. to 10:50 a.m.** The Technical Committee will consider the request for O&M funding required in FY06.

a. PPL 1-8 Projects needing funding increases in the amount of $1,859,116.

b. PPL 9+ Projects needing funding of O&M costs beyond Incr. 1 funding in the amount of $4,789,223.

5 **Decision: Request for Funding for Administrative Costs for those Projects Beyond Increment 1 Funding (LeBlanc) 10:50 a.m. to 11:00 a.m.** The U.S. Army Corps of Engineers is requesting funding approval in the amount of $14,495 for administrative costs for those projects beyond Increment 1 funding.

6 **Decision: Request for FY09 Coastwide Reference Monitoring System (CRMS)-Wetlands Monitoring Funds and Project Specific Monitoring Funds for Projects on PPLs 9-11 (Raynie) 11:00 a.m. to 11:15 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 9-11 (in order to maintain a 3-year rolling amount of funding) in the amount of $28,903.

b. CRMS FY09 monitoring request in the amount of $1,036,109.

7 **Decision: Request for Approval to Acquire Landrights During Phase I, and Request for an Increase in Phase I Funding to Support Acquisition of Landrights for PPL11 – River Reintroduction into Maurepas Swamp (PO-29) (McQuiddy) 11:15 a.m. to 11:30 a.m.**
Due to the unique complexity and uncertainty of landrights acquisition for Mississippi River redistribution projects in general, and this project specifically, Louisiana Department of Natural Resources (LDNR) and the Environmental Protection Agency (EPA) have determined that it is strategically important to begin acquiring landrights during Phase I. It is necessary to secure the canal alignment prior to designing the project, and the current alignment is the more desired route. EPA requests an additional $1 million for Phase I funding for landrights.

8 **Decision: Proposed Changes to the CWPPRA Standard Operating Procedure (SOP), Demonstration Project Appendix (Monnerjahn) 11:30 a.m. to 11:40 a.m.** Mr. Chris Monnerjahn will present the P&E Subcommittee's recommended changes to the Demonstration Project Appendix of the CWPPRA SOP. During the March 10, 2005 P&E Subcommittee meeting, the Engineering and Environmental Workgroup Chairmen were tasked with revising the Demonstration SOP to include implementation procedures for

selected demonstration projects. Also, changes were made to incorporate the final PPL 16 process (up to six demonstration projects nominated at Regional Planning Team meetings in Jan/Feb and up to 3 selected at Technical Committee candidate selection in March) approved by the Task Force on July 27, 2005. The P&E Subcommittee requests approval of the recommended changes to the Demonstration Project Appendix of the CWPPRA SOP.

9 **Decision: Request for Change in Scope for PPL10 – Delta Building Diversion North of Fort St. Phillip (BS-10) (Goodman) 11:40 a.m. to 11:50 a.m.** As a result of the preliminary design review (30%) held on August 16, 2005, the U. S. Army Corps of Engineers (Corps) and the Louisiana Department of Natural Resources (LDNR) agreed to a proposed major change in project scope. The original project included a 30,000 cfs diversion channel with a projected net marsh benefits totaling 2,473 acres. The revised project scope includes a smaller 2,500-5,000 cfs diversion with a projected net marsh benefit of approximately 478. The Corps and LDNR are requesting that the Technical Committee confirm their previous decision of September 30, 2003 to recommend a change in project scope to the Task Force.

10 **Report/Decision: Phase II Funding Status for Two Projects Not Yet Under Construction Within The Time Extension (LeBlanc) 12:15 p.m. to 12:30 p.m.** According to the CWPPRA Standard Operating Procedures (SOP): "If construction award has not occurred within 2 years of Phase 2 approval, the Phase 2 funds will be placed on a revocation list for consideration by the Task Force at the next Task Force meeting. Requests to restore these funds may be considered at subsequent January budgeting meetings." At the August 18, 2004 Task Force meeting, an extension of 1 year was granted for awarding a contract to construct the following projects:

a. <u>PPL 9 New Cut Dune and Marsh Creation Project (TE-37) Update (Parrish)</u>
Ms. Taylor and Mr. Williams will provide the Technical Committee with information and a project update regarding the New Cut and Marsh Restoration Project. The presentation will include an overview on the project design, borrow source, and budget.

b. <u>PPL 10 Delta Management at Fort St. Philip Project (BS-11) Update (Clark)</u>
Mr. Darryl Clark of USFWS will provide the Technical Committee with an update on the project.

11 **Discussion: Coordinating Efforts to Identify Potential Sediment Borrow Sources in the Mississippi River (Hartman) 11:50 a.m. to 12:00 noon** Mr. Hartman has called for a discussion to coordinate ongoing and future efforts to identify sediment borrow sources in the river for use in coastal restoration projects. A number of initiatives are underway to plan and design projects that would mine material for marsh creation and barrier island restoration. Coordinating these efforts will help the program manage resources and work together to avoid duplication of efforts. Managers and team leaders working on various related efforts are asked to attend to identify the status and scope of ongoing and planned studies of available sediment resources.

12 Report: Results of PPL 7 Thin Mat Floating Marsh Enhancement Demonstration Project (TE-36) (Paul) 12:00 noon to 12:15 p.m. Dr. Visser and Dr. Sasser of LSU will make a presentation to the Technical Committee on the results of the demonstration project. Natural Resource Conservation Service (NRCS) and Louisiana Department of Natural Resources (LDNR) have agreed to accept the final monitoring report as the project closeout report and consider the TE-36 project as complete.

13 Additional Agenda Items (LeBlanc) 12:30 p.m. to 12:40 p.m.

14 Announcement: Date of Upcoming Task Force Meeting (LeBlanc) 12:40 p.m. to 12:45 p.m. The fall Task Force meeting will be held on November 2, 2005 at 9:30 a.m. in Baton Rouge, Louisiana.

15 Announcement: Dates and Locations of Upcoming CWPPRA Meetings (LeBlanc) 12:45 p.m. to 12:50 p.m. The PPL 15 public meetings previously scheduled for August 30 and 31 to present the results of the candidate project evaluations were postponed due to Hurricane Katrina. The PPL 15 public meetings have been rescheduled as follows:

November 8, 2005	7:00 p.m.	Abbeville, LA
November 9, 2005	7:00 p.m.	Houma, LA

2005

November 2, 2005*	**9:30 a.m.**	**Task Force**	**Baton Rouge**
December 7, 2005	9:30 a.m.	Technical Committee	Baton Rouge

2006

January 25, 2006	9:30 a.m.	Task Force	Baton Rouge
March 15, 2006	9:30 a.m.	Technical Committee	New Orleans
April 12, 2006	9:30 a.m.	Task Force	Lafayette
June 14, 2006	9:30 a.m.	Technical Committee	Baton Rouge
July 12, 2006	9:30 a.m.	Task Force	New Orleans
August 30, 2006	7:00 p.m.	PPL 16 Public Meeting	Abbeville
August 31, 2006	7:00 p.m.	PPL 16 Public Meeting	New Orleans
September 13, 2006	9:30 a.m.	Technical Committee	New Orleans
October 18, 2006	9:30 a.m.	Task Force	New Orleans
December 6, 2006	9:30 a.m.	Technical Committee	Baton Rouge

2007

January 31, 2007	9:30 a.m.	Task Force	Baton Rouge

Date changes shown in bold

* Previously scheduled for October 19, 2005 then October 26, 2005 in New Orleans

Adjourn

Report / Discussion / Decision:

Impacts of Hurricanes Katrina and Rita

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HURRICANE KATRINA AND RITA POST STORM ASSESSMENT

October 18, 2005

Hurricane Katrina Assessment

- Date of storm – Monday August 29, 2005

ACTION TAKEN:

- 3 fly-overs to assess projects in Planning, Design, Construction, and Maintenance phases.
- 12 On site field trips to all affected wetland projects.

Flight 1- Sept 12, 2005

Departed Abbeville to Venice then north to Myrtle Grove

- Viewed 3 proposed project from the 15th year CWPPRA list
  - Venice Ponds Marsh Creation & Terrace
  - Bayou Lamoque Freshwater Diversion
  - Lake Hermitage Marsh Creation
- Viewed Constructed projects along Mississippi River
- All projects viewed were undamaged

Flight 2- September 13, 2005

- Departed Houma to Raccoon pt., then East along Barrier Island Chain to Mouth of Mississippi River.
- Barrier Islands indicated minimal wash over.
- Breach noted on TE 20 East Island

Flight 3 – September 15, 2005

- Departed Lafayette towards Lake Pontchartrain then to Lake Borgne, then down the MRGO then back towards Lafayette
- Viewed numerous wetland projects in the Greater New Orleans area.
- All projects appeared to be functioning as designed, except for the Caernarvon Outfall and minor walkway damage to the structure on the Hopedale Hydrologic Restoration project.

Katrina On-Site Trips

- Thibodaux Field Office

  8 projects visited and reports submitted
- Lafayette Field Office

  2 projects visited and reports submitted
- New Orleans Field Office

  2 projects visited. Many projects were not visited due to lack of access.

Katrina Photographs

- Numerous Post Storm photographs are located on the DNR FTP site listed below:

ftp://ftp.dnr.state.la.us/pub/CED%20field%20engineering

Summary of Katrina Damage

- Caernarvon Outfall

  -Although still unvisited by boat, aerial photos indicated severe damage to all interior water conveyance channels

  - Interior structures are yet to be assessed.

  - The marsh within the Outfall area was severely torn up.

Marsh/Debris in Channel

Broken Marsh in Caernarvon

Broken Marsh in Channel

Summary of Katrina Damage

- TE 20 East Island
  - Breach detected on East end of island

TE 20 East Island Breach

Summary Of Katrina Damage

- BA-02 GIWW to Clovelly HR project
  - minor damage to rock weir and plug. Some canals blocked with marsh/debris
- PO-24 Hopedale Hydrologic Restoration
  - Minor damages to walkways and handrails
- BA-03C Naomi Outfall Management
  - Minor damage to signs and lights.

Conclusion of Katrina Damage

- Overall, CWPPRA projects faired very well
- Approximately 5 FEMA claims may be filed
- Total Estimated cost of damages are under 5 million dollars.
- Many projects in the New Orleans area and South are scheduled to be visited with full reports to follow.

Hurricane Rita Assessment

- Date of Storm – September 24, 2005

ACTIONS TAKEN:

- 3 Flyovers to assess Coastal Wetland, Planning, Protection and Restoration Act (CWPPRA) projects in the Planning, Design, Construction, and Maintenance phases.
- 68 completed on-site trips to all wetland projects.
- 83 planned on-site trips remaining.

Flight 1 – September 30, 2005

- Departed Houma and flew the Barrier Island Chain from the Mississippi River to the Atchafalaya River
- Viewed all Barrier Island projects in all phases
- Damage to the Barrier Island chains were extensive, shoreline erosion and over wash was much worse than Hurricane Katrina
- On site trips are planned to further investigate

Flight 2 – October 03, 2005

- Departed Lafayette and traveled West to view majority of Wetland projects in the Calcasieu/ Sabine Basin, Mermentau basin, and Teche Vermilion Basin.
- Most projects appeared to be functioning as designed with minimal damages.

Flight 3 – October 12, 2005

- Departed Lafayette and flew over Barrier Islands toward River and then north toward Myrtle Grove then to Terrebonne and finally to Vermilion Parish.
- The proposed projects for the CWPPRA 15 year list were inspected : The projects are as follows:
  - Venice Ponds Marsh Creation and crevasses
  - Bayou Lamoque FW Diversion
  - Lake Hermitage Marsh Creation
  - South Terrebonne Terracing
  - Southwest Pass SP and Marsh Creation
  - Freshwater Introduction At Pecan Island

Rita On-Site Trips

- Thibodaux Field Office
  - 19 of 44 projects visited and reports submitted
- Lafayette Field Office
  - 29 of 56 projects visited and reports submitted
- New Orleans Field Office
  - 20 of 50 projects visited and reports submitted

Hurricane Rita Photographs

- Numerous Post Storm Photographs are located on the DNR FTP site listed below:

ftp://ftp.dnr.state.la.us/pub/CED%20field%engineering

Summary of Rita Damages

- CS4A Cameron Creole Wetlands
  - Three breaches in the protection levee
  - portions of the East-West levee are damaged
  - Existing water control structures appear to be undamaged

Cameron Creole Levee Breech

Cameron Creole Levee Breech

Cameron Creole Levee

Summary of Rita Damages

- Marsh Island Hydrologic restoration
  - Structure no. 6 – breached on south end
  - Structure no. 9 - on Gulf side is damaged
  - Minor damage to other structures within project

Note: Hurricane Lili restoration held up well

Marsh Island – Lili Success

Marsh Island Breach

Marsh Island Lili Success

Marsh Island Breach

Marsh Island Breach

Summary of Rita Damage

- Barrier Islands West of Grand Isle
  - Shoreline erosion and wash over developed on Timbalier Island – potential FEMA claim
  - Breach developed on TE-20 East island –potential FEMA claim
  - vast majority of Gulf side shoreline experienced erosion
  - On – site inspections of Barrier islands planned to further investigate claims.

TE40 Timbalier-Post Construction

Timbalier Island Post Katrina

TE40 Timbalier Post Rita

TE 20 East Island (Post Katrina)

TE-20 East Island (Post Rita)

Barrier Islands East of Grand isle

- On site field trips are on-going.
- Flyovers have indicated a significant amount of sand has been washed over and lost from the Gulf shoreline.
- The areas indicating most damage are Pelican Island, Pass Chaland to Grand Bayou Pass and Caminada Bay (Elmer island) Area
- At this time, no additional surveys/designs revisions are expected.

Caminada Headland

Post-Katrina NOAA Aerial Photography

Caminada Headland

Post-Rita DNR Aerial Flight September 30, 2005

Caminada Headland

Conclusion of Rita Damages

- Many projects sustained minor damage, such as downing of safety signs and warning lights.
- Spreadsheet indicates a status of damages and potential FEMA claims expected.
- Numerous projects are in the process of being inspected.
- Approximately 7 FEMA claims expected with an estimated cost of 10 million dollars
- Some marsh plantings as components of projects may merit FEMA claims.

Post Rita Hurricane Damage Assessment - General Summary Sheet

	Field Office	Project No.	Project Name	Type of Project	Parish	PPL-Progr	Project Phase	Federal Sponsor	Completed Inspection Date	Proposed Inspection Date	Results of Inspection	FEMA Claim
1	T	AT02	Atchafalaya Sediment Delivery	Sediment Diversion/Beneficial Use of Dredged Material/Marsh Creation	St. Mary	2	O&M	NMFS		10/31/2005		
2	T	AT03	Big Island Mining	Sediment Diversion/Beneficial Use of Dredged Material/Marsh Creation	St. Mary	2	O&M	NMFS		10/31/2005		
3	L	AT04	Castille Pass Channel Sediment Delivery	Marsh Creation/Sediment and Nutrient Trapping	St. Mary	9	E&D	NMFS		10/31/2005		
4	NO	BA01	Davis Pond Freshwater Diversion	Freshwater Diversion	St. Charles	WRDA	O&M	COE	10/4/2005		No damage	N
5	T	BA02	GIWW (Gulf Intracoastal Waterway) to Clovelly Hydrologic Restoration	Hydrologic Restoration	Lafourche	1	O&M	NRCS	10/4/2005		Damage to rock weirs, earthen embankments, some canal blockage and breaches occurred.	Y
6	NO	BA03	Naomi Diversion	Freshwater Diversion	Plaquemines	ST	O&M	State	10/5/2005		Damage to vacuum pump	Y
7	NO	BA03c	Naomi Outfall Management	Outfall Management	Plaquemines	5	O&M	NRCS	10/4/2005		Minimal damage to lights	N
8	NO	BA04	West Point a la Hache Freshwater Diversion	Freshwater Diversion	Plaquemines	ST	O&M	State			Aerial indicates damage to structure base	Y
9	NO	BA04c	West Pointe a la Hache Outfall Management	Outfall Management	Plaquemines	3	E&D	NRCS		TBA	N/A	
10	T	BA15	Lake Salvador Shore Protection Demonstration	Shoreline Protection	St. Charles	3	O&M	NMFS		10/20/2005		
11	T	BA-15x1	Lake Salvador Mitigation	Shoreline Protection	St. Charles	ST	O&M	State		10/20/2005		
12	NO	BA16	Bayou Segnette	Shoreline Protection	Jefferson	ST	O&M	State	10/4/2005		No damage	N
13	T	BA19	Barataria Bay Waterway Wetland Restoration	Marsh Creation	Jefferson	1	O&M	COE		TBA		
14	NO	BA20	Jonathan Davis Wetland Protection	Hydrologic Restoration/Shoreline Protection	Jefferson	2	O&M	NRCS	10/10/2005		No damage	N
15	NO	BA23	Barataria Bay Waterway West Side Shoreline Protection	Shoreline Protection	Jefferson	4	O&M	NRCS	10/4/2005		No damage	N
16	T	BA25b	Mississippi River Reintroduction Into Bayou Lafourche	Freshwater Introduction	Lafourche/Ascension/ Assumption	11	E&D	EPA		TBA		
17	NO	BA26	Barataria Bay Waterway East Side Shoreline Protection	Shoreline Protection	Orleans/Jefferson	6	O&M	NRCS	10/4/2005		No damage	N
18	T	BA27	Barataria Basin Landbridge Shoreline Protection, Phases 1 and 2	Shoreline Protection	Jefferson/Lafourche	7	E&D, C, O&M	NMFS	10/4/2005		No damage	N
19	T	BA27c	Barataria Basin Landbridge Shoreline Protection, Phase 3	Shoreline Protection	Jefferson/Lafourche	9	E&D, C, O&M	NRCS	10/4/2005		No damage	N
20	T	BA27d	Barataria Basin Landbridge Shoreline Protection Phase 4	Shoreline Protection	Jefferson/Lafourche	11	C	NRCS		TBA	No damage	N
21	T	BA28	Vegetative Plantings of a Dredged Material Disposal Site on Grand Terre Island	Vegetation Planting	Jefferson	7	O&M	NMFS	9/12/2005		Aerial indicates no damage	N
22	T	BA30	East/West Grand Terre Islands Restoration	Barrier Island	Jefferson	9	E&D	NMFS		TBA		
23	NO	BA31	Delta Building Diversion South of Empire	Freshwater Diversion/Sediment Diversion	Plaquemines	9	E&D	COE		TBA		
24	NO	BA33	Delta Building Diversion at Myrtle Grove	Freshwater Diversion/Sediment Diversion	Plaquemines/Jefferson/ Lafourche	10	E&D	COE		TBA		
25	NO	BA34	Mississippi River Reintroduction Into Northwest Barataria Basin	Freshwater Diversion	St. John/Lafourche	10	E&D	EPA			N/A	

	Field Office	Project No.	Project Name	Type of Project	Parish	PPL-Progr	Project Phase	Federal Sponsor	Completed Inspection Date	Proposed Inspection Date	Results of Inspection	FEMA Claim
26	NO	BA35	Pass Chelard to Grand Bayou Pass Barrier Shoreline Restoration	Shoreline Protection	Plaquemines	11	E&D	NMFS		10/19/2005		
27	NO	BA36	Dedicated Dredging on the Barataria Basin Landbridge	Marsh Creation	Jefferson	11	E&D	FWS		TBA		
28	T	BA37	Little Lake Shoreline Protection/ Dedicated Dredging Near Round Lake	Shoreline Protection	Lafourche	11	C	NMFS	10/7/2005		Minor damage to existing embankments	N
29	NO	BA38	Pelican Island and Pass La Mer to Chalard Pass Restoration	Barrier Island	Plaquemines	11	C	NMFS		10/19/2005		
30	NO	BA39	Mississippi River Sediment Delivery System	Sediment Delivery	Jefferson	12	E&D	EPA		TBA		
31	NO	BA40	Riverine Sand Mining/Scofield Island Restoration	Barrier Island/Marsh Creation	Plaquemines	14	E&D	NMFS		10/19/2005		
32	NO	BA41	South Shore of the Pen Shoreline Protection and Marsh Creation	Shoreline Protection/Marsh Creation	Jefferson	14	E&D	NRCS	10/12/2005		No damage	N
33	NO	BS03a	Caernarvon Diversion Outfall Management	Outfall Management	Plaquemines	2	O&M	NRCS			Aerial indicates clogged conveyance channels	Y
34	NO	BS08	Caernarvon	Freshwater Introduction	Plaquemines	WRD A	O&M	COE	10/5/2005		No damage	N
35	NO	BS10	Delta Building Diversion North of Fort St. Philip	Freshwater Diversion/Sediment Diversion	Plaquemines	10	E&D	COE		TBA		
36	NO	BS11	Delta Management at Fort St. Philip	Outfall Management	Plaquemines	10	E&D	FWS		TBA		
37	NO	BS12	White's Ditch Resurrection & Outfall Management	Freshwater Diversion/Outfall Management	Plaquemines	14	E&D	NRCS		TBA		
38	L	CAT01	Cheniere Au Tigre Shoreline Protection	Shoreline Protection	Vermilion	ST	C	State	10/7/2005		No damage	N
39	L	CSXX	Sabine Terraces	Sediment and Nutrient Trapping	Cameron	ST	O&M	State		TBA		
40	L	CS01	Holly Beach Breakwaters	Shoreline Protection	Cameron	ST	O&M	State		10/24/2005		
41	L	CS02	Rycade Canal Marsh Management	Marsh Management	Cameron	ST	O&M	State		10/24/2005		
42	L	CS04A	Cameron-Creole Maintenance	Hydrologic Restoration	Cameron	3	O&M	NRCS		10/20/2005		
43	L	CS09	Brown Lake Hydrologic Restoration	Hydrologic Restoration	Cameron	2	E&D	NRCS		TBA		
44	L	CS11B	Sweet Lake/Willow Lake Hydrologic Restoration	Hydrologic Restoration	Cameron	5	O&M	NRCS		10/21/2005		
45	L	CS17	Cameron Creole Plugs	Hydrologic Restoration	Cameron	1	O&M	FWS		10/20/2005		
46	L	CS18	Sabine National Wildlife Refuge Erosion Protection	Shoreline Protection	Cameron	1	O&M	FWS		10/27/2005		
47	L	CS19	West Hackberry Vegetative Planting Demonstration	Vegetation Planting	Cameron	1	DEMO	NRCS			N/A	
48	L	CS20	East Mud Lake Marsh Management	Marsh Management	Cameron	2	O&M	NRCS		10/25/2005		
49	L	CS21	Highway 384 Hydrologic Restoration	Hydrologic Restoration	Cameron	2	O&M	NRCS		10/24/2005		
50	L	CS22	Clear Marais Bank Protection	Shoreline Protection	Calcasieu	2	O&M	COE	10/6/2005		No damage	N
51	L	CS23	Replace Sabine Refuge Water Control Structures at Headquarters Canal, West Cove Canal, and Hog Island Gully	Marsh Management	Cameron	3	O&M	FWS	10/13/2005		Two of three structures went under water, damage to controls and gates	Y

	Field Office	Project No.	Project Name	Type of Project	Parish	PPL-Progr	Project Phase	Federal Sponsor	Completed Inspection Date	Proposed Inspection Date	Results of Inspection	FEMA Claim
52	L	CS24	Perry Ridge Shore Protection	Shoreline Protection	Calcasieu	4	O&M	NRCS	10/6/2005		No damage	N
53	L	CS25	Plowed Terraces Demonstration	Sediment and Nutrient Trapping	Cameron	4	DEMO	NRCS	10/6/2005		No damage	N
54	L	CS27	Black Bayou Hydrologic Restoration	Hydrologic Restoration	Cameron	6	O&M	NMFS	10/6/2005		Minor damage to piling and sign	N
55	L	CS28	Sabine Refuge Marsh Creation, Increment 1	Marsh Creation	Cameron	8	O&M	COE		10/27/2005		
56	L	CS29	Black Bayou Culverts Hydrologic Restoration	Hydrologic Restoration	Cameron	9	C	NRCS		10/24/2005		
57	L	CS30	GIWW - Perry Ridge West Bank Stabilization	Shoreline Protection	Calcasieu	9	O&M	NRCS	10/6/2005		No damage	N
58	L	CS31	Holly Beach Sand Management	Marsh Creation	Cameron	11	O&M	NRCS		10/24/2005		
59	L	CS32	East Sabine Lake Hydrologic Restoration	Hydrologic Restoration	Cameron	10	E&D, C	FWS		10/27/2005		
60	L	CS4A1	Cameron Creole Automation	Hydrologic Restoration	Cameron	ST	O&M	State		10/20/2005		
61	NO	LA01(1)	Dedicated Dredging Program - Pass A Loutre Site	Marsh Creation	Plaquemines	ST	C	State		TBA		
62	T	LA01(2)	Dedicated Dredging Program - Terrebonne Parish School Board Site	Marsh Creation	Terrebonne	ST	C	State	10/5/2005		No damage	N
63	T	LA05	Floating Marsh Creation Demonstration Project	Marsh Creation	Jeff.,Lat.,Plaq.,St.Chs.,St John.,St. Mary.,Terr.	12	E&D	NRCS		TBA		
64	L	LA06	Shoreline Protection Foundation Improvements Demonstration	Shoreline Protection	Vermilion	13	C	COE		10/27/2005		
65	L	ME01	Pecan Island Structure	Freshwater Diversion	Vermilion	ST	O&M	State		10/20/2005		
66	L	ME04	Freshwater Bayou Wetland (Phases 1 & 2)	Shoreline Protection/Hydrologic Restoration	Vermilion	2	O&M	NRCS	10/7/2005		No damage	N
67	L	ME09	Cameron Prairie National Wildlife Refuge Shoreline Protection	Shoreline Protection	Cameron	1	O&M	FWS		10/21/2005		
68	L	ME11	Humble Canal Hydrologic Restoration	Hydrologic Restoration	Vermilion	6	O&M	NRCS		10/19/2005		
69	L	ME13	Freshwater Bayou Bank Stabilization	Shoreline Protection	Vermilion	5	O&M	NRCS	10/7/2005		No damage	N
70	L	ME14	Pecan Island Terracing	Sediment and Nutrient Trapping	Vermilion	7	O&M	NMFS		10/20/2005		
71	L	ME16	Freshwater Introduction South of Highway 82	Hydrologic Restoration/Marsh Creation	Vermilion	9	C	FWS		10/26/2005		
72	L	ME17	Little Pecan Bayou Hydrologic Restoration	Hydrologic Restoration	Cameron	9	E&D	NRCS		TBA		
73	L	ME18	Rockefeller Refuge Gulf Shoreline Stabilization	Shoreline Protection	Cameron	10	E&D	NMFS		10/26/2005		
74	L	ME19	Grand-White Lakes Landbridge Protection	Shoreline Protection	Cameron	10	O&M	FWS	10/12/2005		No damage to rock, water too high, could not assess terraces	N
75	L	ME20	South Grand Chenier Hydrologic Restoration Project	Hydrologic Restoration	Cameron	11	E&D	FWS		TBA		
76	L	ME21	Grand Lake Shoreline Protection	Shoreline Protection	Cameron	11	E&D	COE	10/12/2005		No damage	N
77	L	ME22	South White Lake Shoreline Protection	Shoreline Protection	Vermilion	12	C	COE		10/27/2005		

	Field Office	Project No.	Project Name	Type of Project	Parish	PPL-Progr	Project Phase	Federal Sponsor	Completed Inspection Date	Proposed Inspection Date	Results of Inspection	FEMA Claim
78	NO	MR03	West Bay Sediment Diversion	Sediment Diversion	Plaquemines	1	O&M	COE		TBA		
79	NO	MR06	Channel Armor Gap Crevasse	Sediment Diversion	Plaquemines	3	O&M	COE		TBA		
80	NO	MR09	Delta Wide Crevasses	Sediment Diversion	Plaquemines	6	O&M	NMFS		TBA		
81	NO	MR10	Dustpan Maintenance Dredging Operations for Marsh Creation in the Mississippi River Delta Demonstration	Beneficial Use of Dredged Material	Plaquemines	6	DEMO	COE		TBA		
82	NO	MR11	Periodic Introduction of Sediment and Nutrients at Selected Diversion Sites Demonstration	Freshwater Diversion	Plaquemines	9	E&D	COE		TBA		
83	NO	MR12	Mississippi River Sediment Trap	Sediment Diversion	Plaquemines	9	E&D	COE		TBA		
84	NO	MR13	Benneys Bay Diversion	Freshwater Diversion	Plaquemines	10	E&D	COE		TBA		
85	NO	MR14	Spanish Pass Diversion	Freshwater Diversion	Plaquemines	13	E&D	COE		TBA		
86	NO	PO01	Violet Siphon	Freshwater Diversion	St. Bernard	ST	O&M	State	10/5/2005		Possible damage to vacuum pump	Y
87	NO	PO03b	Labranche Shoreline Protection	Shoreline Protection	St. Charles	ST	O&M	State	10/11/2005		No damage	N
88	NO	PO06	Fritchie Marsh Restoration	Hydrologic Restoration	St. Tammany	2	O&M	NRCS	10/12/2005		No damage	N
89	NO	PO10	Turtle Cove	Shoreline Protection	Tangipahoa	ST	O&M	State	10/5/2005		No damage	N
90	NO	PO16	Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 1	Hydrologic Restoration	Orleans	1	O&M	FWS		TBA		
91	NO	PO17	Bayou LaBranche Wetland Creation	Beneficial Use of Dredged Material	St. Charles	1	O&M	COE	10/5/2005		No damage	N
92	NO	PO18	Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 2	Hydrologic Restoration	Orleans	2	O&M	FWS		TBA		
93	NO	PO19	Mississippi River Gulf Outlet (MRGO) Disposal Area Marsh Protection	Marsh Management	St. Bernard	3	O&M	COE		TBA		
94	NO	PO22	Bayou Chevee Shoreline Protection	Shoreline Protection	Orleans	5	O&M	COE	10/12/2005		No damage	N
95	NO	PO24	Hopedale Hydrologic Restoration	Hydrologic Restoration	St. Bernard	6	O&M	NMFS		TBA		
96	NO	PO26	Opportunistic Use of the Bonnet Carre' Spillway	Freshwater Diversion	St. Charles	9	E&D	COE			N/A	
97	NO	PO27	Chandeleur Islands Marsh Restoration	Vegetation Planting	St. Bernard	9	O&M	NMFS		TBA		
98	NO	PO29	River Reintroduction into Maurepas Swamp	Freshwater Diversion	St. John	11	E&D	EPA			Aerial indicates no damage	N
99	NO	PO30	Lake Borgne Shoreline Protection	Shoreline Protection/Marsh Creation	St. Bernard	10	E&D	EPA		TBA		
100	NO	PO31	Lake Borgne Shoreline Protection at Bayou Dupre	Shoreline Protection/Marsh Creation	St. Bernard	11	E&D	EPA		TBA		
101	NO	PO32	Lake Borgne and MRGO Shoreline Protection	Shoreline Protection	St. Bernard	12	E&D	COE		TBA		
102	NO	PO33	Goose Point/Point Platte Marsh Creation	Marsh Creation	St. Tammany	13	E&D	FWS		10/18/2005		
103	T	TE01	Montegut Wetlands	Marsh Management	Terrebonne	NC	O&M	State	9/29/2005		No damage	N

	Field Office	Project No.	Project Name	Type of Project	Parish	PPL-Progr	Project Phase	Federal Sponsor	Completed Inspection Date	Proposed Inspection Date	Results of Inspection	FEMA Claim
[illegible]	T	TE02	Falgout Canal Wetlands	Marsh Management	Terrebonne	ST	O&M	State	9/13/2005		Aerial indicates no damage	N
[illegible]	T	TE03	Bayou LaCache Wetlands	Marsh Management	Terrebonne	ST	O&M	State		TBA		
[illegible]	T	TE07	Lashbrook	Shoreline Protection	Terrebonne	ST	C	State	10/11/2005		Damage to constructed earthen embankment	N
[illegible]	T	TE10	Grand Bayou/GIWW Freshwater Diversion	Freshwater Introduction	Lafourche	5	E&D	FWS		TBA		
[illegible]	T	TE17	Falgout Canal Planting Demonstration	Veg. Planting	Terrebonne	1	DEMO	NRCS			N/A	
[illegible]	T	TE20	Isles Dernieres Restoration East Island	Barrier Island	Terrebonne	1	O&M	EPA		10/26/2005		
[illegible]	T	TE22	Point Au Fer Canal Plugs	Shoreline Protection/Hydrologic Restoration	Terrebonne	2	O&M	NMFS	10/6/2005			
[illegible]	T	TE23	West Belle Pass Headland Restoration	Beneficial Use of Dredged Material	Lafourche	2	O&M	COE	10/5/2005		Damage to existing levee	N
[illegible]	T	TE24	Isles Dernieres Restoration Trinity Island	Barrier Island	Terrebonne	2	O&M	EPA		10/27/2005		
[illegible]	T	TE25	East Timbalier Island Sediment Restoration, Phase 1	Barrier Island	Lafourche	3	O&M	NMFS	9/30/2005		Shoreline damage, awaiting LIDAR to assess	Y
[illegible]	T	TE26	Lake Chapeau Sediment Input and Hydrologic Restoration, Point Au Fer Island	Hydrologic Restoration/Marsh Creation	Terrebonne	3	O&M	NMFS	10/10/2005			
[illegible]	T	TE27	Whiskey Island Restoration	Barrier Island	Lafourche	3	O&M	EPA	9/30/2005		Shoreline damage, awaiting LIDAR to assess	Y
[illegible]	T	TE28	Brady Canal Hydrologic Restoration	Hydrologic Restoration	Terrebonne	3	O&M	NRCS	10/5/2005		Minor damage to embankment at Caramero Bayou, breaches occurred, erosion at Structure # 23	N
[illegible]	T	TE29	Raccoon Island Breakwaters Demonstration	Barrier Island	Terrebonne	5	DEMO	NRCS		TBA		
[illegible]	T	TE30	East Timbalier Island Sediment Restoration, Phase 2	Barrier Island	Lafourche	4	O&M	NMFS	9/30/2005		Shoreline damage, awaiting LIDAR to assess damage	Y
[illegible]	T	TE32	Lake Boudreaux Basin Freshwater Introduction and Hydrologic Management	Freshwater Diversion/Hydrologic Restoration	Terrebonne	8	E&D	FWS		TBA		
[illegible]	T	TE34	Penchant Basin Natural Resources Plan, Increment 1	Hydrologic Restoration	Terrebonne	8	E&D	NRCS		10/19/2005		
[illegible]	T	TE37	New Cut Dune and Marsh Restoration	Barrier Island/Marsh Creation	Terrebonne	9	E&D	EPA		10/27/2005		
[illegible]	T	TE39	South Lake De Cade Freshwater Introduction	Hydrologic Restoration	Terrebonne	9	E&D	NRCS	10/13/2005		Possible design modification	N
[illegible]	T	TE40	Timbalier Island Dune and Marsh Restoration	Barrier Island/Marsh Creation	Terrebonne	9	O&M	EPA		10/20/2005		
[illegible]	T	TE41	Mandalay Bank Protection Demonstration	Shoreline Protection	Terrebonne	9	O&M	FWS		10/18/2005		
[illegible]	T	TE42	Atchafalaya Water to Central Lafourche	Freshwater Introduction	Various		E&D	FWS		TBA		
[illegible]	T	TE43	GIWW Bank Restoration of Critical Areas in Terrebonne	Shoreline Protection	Terrebonne/Lafourche	10	E&D	NRCS		10/18/2005		
[illegible]	T	TE44	North Lake Mechant Landbridge Restoration	Shoreline Protection/Marsh Creation	Terrebonne	10	E&D	FWS	10/13/2005		No damage	N
[illegible]	T	TE45	Terrebonne Bay Shore Protection Demonstration	Shoreline Protection	Terrebonne	10	E&D	FWS	10/12/2005		Damage experienced, further analysis needed	N
[illegible]	T	TE46	West Lake Boudreaux Shoreline Protection and Marsh Creation	Shoreline Protection	Terrebonne	11	E&D	FWS	10/11/2005			

	Field Office	Project No.	Project Name	Type of Project	Parish	PPL-Progr	Project Phase	Federal Sponsor	Completed Inspection Date	Proposed Inspection Date	Results of Inspection	FEMA Claim
130	T	TE47	Ship Shoal: Whiskey West Flank Restoration	Barrier Island	Terrebonne	11	E&D	EPA		TBA		
131	T	TE48	Raccoon Island Shoreline Protection/Marsh Creation	Shoreline Protection	Terrebonne	11	E&D	NRCS		TBA		
132	T	TE49	Avoca Island Diversion and Land Building	Freshwater Introduction	St. Mary	12	E&D	COE		TBA		
133	T	TE50	Whiskey Island Back Barrier Marsh Creation	Barrier Island	Terrebonne	13	E&D	EPA		TBA		
134	L	TV03	Vermilion River Cutoff Bank Protection	Shoreline Protection	Vermilion	1	O&M	COE	10/4/2005		No damage	N
135	L	TV04	Cote Blanche Hydrologic Restoration	Hydrologic Restoration	St. Mary	3	O&M	NRCS	10/11/2005		Damage to cable wraps, pipe rail at Humble Canal	Y
136	L	TV06	Marsh Island Control Structures	Marsh Management	Iberia	ST	O&M	State	10/10/2005		No damage as per Edmond Mouton w/ LDWF via aerial flyover	N
137	L	TV09	Boston Canal/Vermilion Bay Bank Protection	Shoreline Protection	Vermilion	2	O&M	NRCS	10/4/2005		No damage	N
138	L	TV11	Freshwater Bayou Shoreline Protection	Shoreline Protection	Vermilion	ST	O&M	State	10/7/2005		No damage	N
139	L	TV11B	Freshwater Bayou Bank Stabilization	Shoreline Protection/Hydrologic Restoration	Vermilion	9	E&D	COE	10/7/2005		No damage	N
140	L	TV12	Little Vermilion Bay Sediment Trapping	Sediment and Nutrient Trapping	Vermilion	5	O&M	NMFS	10/4/2005		Minor damage from barge aground on one of the terraces.	N
141	L	TV13a	Oaks/Avery Canal Hydrologic Restoration, Increment 1	Hydrologic Restoration	Vermilion	6	O&M	NRCS	10/4/2005		No damage	N
142	L	TV13b	Oaks/Avery Structures	Shoreline Protection	Vermilion	ST	O&M	State	10/4/2005		Damage to signs and inspection of lights and navigational aids	Y
143	L	TV14	Marsh Island Hydrologic Restoration	Hydrologic Restoration	Iberia/Vermilion	5	O&M	COE	10/10/2005		Damage to rock closures, breaches have occurred.	Y
144	L	TV15	Sediment Trapping at "The Jaws"	Sediment and Nutrient Trapping	St. Mary	6	O&M	NMFS	10/11/2005		No damage	N
145	L	TV16	Cheniere Au Tigre Sediment Trapping Demonstration	Sediment and Nutrient Trapping/Shoreline Protection	Vermilion	5	DEMO	NRCS	10/7/2005		No damage	N
146	L	TV17	Lake Portage Land Bridge	Shoreline Protection	Vermilion	6	O&M	NRCS		10/20/2005		
147	L	TV18	Four Mile Canal Terracing and Sediment Trapping	Sediment and Nutrient Trapping	Vermilion	9	O&M	NMFS	10/4/2005		No damage	N
148	L	TV19	Weeks Bay Marsh Creation and Shore Protection/Commercial Canal Freshwater Redirection	Shoreline Protection	Iberia	9	E&D	COE		TBA		
149	L	TV20	Bayou Sale Shoreline Protection	Shoreline Protection	St. Mary	13	E&D	NRCS	10/11/2005		No damage	N
150	L	TV21	East Marsh Island Marsh Creation	Marsh Creation	Iberia	14	E&D	EPA/NRCS	10/10/2005		No damage	N
151	L	TVXX	Quintana Canal	Shoreline Protection	St. Mary	ST	O&M	State	10/10/2005		No damage	N
152	NO	WIR	Wine Island Restoration			ST	O&M	State		TBA		

Monnerjahn, Christopher J MVN

From: Garrett Broussard [GarrettB@dnr.state.la.us]
Sent: Tuesday, September 20, 2005 2:49 PM
To: Monnerjahn, Chris MVN-ERO
Subject: FW: Hurricane Katrina Status update on CWPPRA projects

I thought you were on the original list. Sorry. Let me know if you need anything else.

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

From: Garrett Broussard

Sent: Tuesday, September 20, 2005 10:45 AM

To: Breerwood, Gregory MVN-ERO; britt.paul@la.usda.gov; Cynthia Duet; Daniel Llewellyn; darryl_clark@fws.gov; erik.zobrist@noaa.gov; Gerry Duszynski; john.jurgensen@la.usda.gov; kevin_roy@fws.gov; mcquiddy.david@epa.gov; parrish.sharon@epa.gov; Podany, Thomas MVN-ERO; 'Rachel Sweeney'; richard.hartman@noaa.gov; 'gabrielle_bodin@usgs.gov'

Cc: David Burkholder; Chris Knotts; Kirk Rhinehart; George Boddie; Patrick Landry; Brian Babin (DNR); Garrett Broussard

Subject: Hurricane Katrina Status update on CWPPRA projects

Since the storm, both on site visits and flyovers have been accomplished. Generally speaking, Damage to existing CWPPRA projects in the Operation and Maintenance phase have faired fairly well. Damages have occurred on the Caernarvon Outfall project and although the Hopedale structure is intact, the handrails/walkways appear to be damaged. All other projects appear to have little to no damage.

The following is a list of O and M phase projects visited on-site:

1. TV 04 Cote Blanche No damages observed.
2. TV 15 Marsh Island No damages observed.
3. BA-20 Jonathan Davis No damages observed.
4. BA 27 Barataria LB ph 1 &2 No damages observed.
5. BA-27C Barataria LB ph 3 No damages observed.
6. BA 3C Naomi Outfall Trip conducted 9/01/05. 2 navigation lights were damaged.
7. TE 29 Raccoon Island No damages observed.
8. BA 02 GIWW Clovelly Slight damage to 10 ft rock section and channel behind structure is clogged with marsh and debris.
9. TE 23 W Belle Pass No damage observed.
10. BA 15 Lake Salvador No damage observed.

The following projects were observed from the Air:

11. TE 20 East Island No damage observed.
12. TE 22 Point Au Feur No damage observed.
13. TE 24 Trinity Island No damage observed.
14. TE 25/30 E. Timbalier No damage observed.
15. TE 26 Lake chapeau No damage observed
16. TE 27 Whiskey Island No damage observed.
17. TE 40 Timbalier Island No damage observed.
18. BS 03a Caernarvon Outfall The marsh as a whole appears shredded. The water ways within the project are clogged up with marsh and debris and impassable by boat.

The structures will be assessed by onsite visit to be scheduled in the near future.

19.	MR 03	West Bay	No damage observed.
20.	MR 06	Channel Armor Gap	No damage observed.
21.	MR 09	Delta Wide Crevasses	No damage observed.
22.	PO 16/18	Bayou Savage	No damage observed on structures viewed.
23.	PO 17	Labranch Wetlands	No damage observed.
24.	PO 22	Bayou Chevee	No damage observed.
25.	PO 24	Hopedale	Handrails/walkways of structure damaged.
26.	TV 17	Sed. Trap at Jaws	No damage observed.

As access to the New Orleans area projects becomes available, on site visits will be made to all projects. A schedule will be made available to the respective Federal agencies. Projects remaining to be observed are; Fritchie Marsh, MRGO disposal Area Marsh creation, Barataria SP East and Barataria SP West.

As completed assessment reports become available they will be forwarded to the respected agencies. A full report will be given at the Tech committee meeting and the Task Force meeting.

Other projects in the planning phase, phase one, and construction phase are currently being assessed by the individual project managers and project teams.

The following observations were made from the air on 9/12/05 by Kevin Roy/ USFWS on the PPL15 proposed projects.

1) Venice Ponds Marsh Creation and Terraces - We observed widespread destruction in the Venice area. Marinas, oil and gas facilities, and other infrastructure received severe damage. However, wetlands within this project area fared considerably better. Spoil banks, levees, and roads around Sites 1 and 2 of the project area appeared intact with no noticeable breaches. Natural levee ridges surrounding Site 3 also appeared in good condition with no noticeable breaches or new cuts in Tiger Pass or Grand Pass. Site 4 of the project area appeared to be in the same condition as before the storm. Several downed trees were noted, as expected, and most trees were completely stripped of all leaves. The emergent marsh vegetation was almost entirely brown, probably as a result of prolonged inundation from the saltwater surge. In spite of the devastation experienced in this area, I saw no reason to remove this project from consideration on PPL15.

2) Bayou Lamoque Freshwater Diversion - We viewed the existing Bayou Lamoque structures and they appeared undamaged from the storm. Debris was piled against the eastern side of each structure. Wetlands in the project area appeared much the same as we observed in other parts of the storm's path - marsh vegetation browned by the inundation and saltwater surge. We noted no large expanses of eroded marsh in the project area. In my opinion, there is no reason to remove this project from consideration on PPL15.

3) Lake Hermitage Marsh Creation - We examined the West Point a la Hache siphons from the air and observed no apparent damage to the siphon pipes. Marshes within the project area were brown as a result of the storm surge and much of the Spartina patens appears to be dead. The eastern Lake

Hermitage shoreline appears to be more deteriorated than pre-storm conditions, however, I have not compared this flight footage to pre-storm footage. In my opinion, there is no reason to remove this project from consideration on PPL15.

There are many pictures available from the 3 three flights taken. On Monday the 12th, Kevin Roy and I flew over the Islands and the Southern part of the Mississippi River area. On Tuesday the 13th, Dan Dearmond, Darin Lee and Chris Williams flew the Islands from the Mouth of the river to Raccoon Point. On Thursday the 15th, Tom Bernard, Shannon Haynes and myself flew over Lake pontchatrain area, Lake Borne area, MRGO area, Caernarvon Area, and Davis Pond Area. To view these pictures in draft format please click on the following.

ftp://ftp.dnr.state.la.us/pub/CED%20Field%20Engineering/

If you have any questions regarding any projects in the O and M phase, or any potential FEMA claims, please contact me at 337 482 0690.

If you any questions concerning the proposed ppl 15 projects, please call Kevin Roy at 337 291 3120.

If you have question concerning projects in planning, phase I or the construction phase, please contact the individual project managers. Thanks.

M. Garrett Broussard, P.E.
Civil Engineer
La Dept of Natural Resources
Coastal Engineering Division
337 482 0690
garrett.broussard@la.gov

Monnerjahn, Christopher J MVN

From: Garrett Broussard [GarrettB@dnr.state.la.us]

Sent: Tuesday, October 04, 2005 1:57 PM

To: Breerwood, Gregory MVN-ERO; britt.paul@la.usda.gov; Cynthia Duet; Daniel Llewellyn; darryl_clark@fws.gov; erik.zobrist@noaa.gov; Gerry Duszynski; john.jurgensen@la.usda.gov; kevin_roy@fws.gov; mcquiddy.david@epa.gov; parrish.sharon@epa.gov; Podany, Thomas MVN-ERO; Rachel Sweeney; richard.hartman@noaa.gov; gabrielle_bodin@usgs.gov; Monnerjahn, Christopher J MVN

Cc: David Burkholder; Chris Knotts; Kirk Rhinehart; George Boddie; Patrick Landry; Brian Babin (DNR); Garrett Broussard

Subject: Status update on Hurricane Rita CWPPRA projects

Importance: Low

We have completed 2 flights post Rita. The first was on Friday Sept 30 which started at Racoon Point and proceeded Easterly to the mouth of the Mississippi. It appears there was more damage caused to the Islands by Rita than Katrina. Individual field trips are being scheduled to further assess, but FEMA claims on already constructed projects seem apparent at this point. The individual project teams are further assessing the projects in Phase 1, although it appears that some projects have experienced substantial damage and others appear to have weathered the storm quite well. Please visit the attached ftp site for photos.

On Monday, Oct 3rd, a second flight was completed. The flight encompassed the Western portion of the state from Marsh Island and then West to the Sabine River. The most obvious comment from the trip was the elevated water levels, particularly in the Mermentau and Cal/Sab basins. As a whole, most project features appeared to be still standing and in decent shape. The Cameron Creole Levee was the most obviously damaged. Again, the water levels were high and impeded viewing some project features. Individual field trips are being scheduled and further assessment will be forthcoming. Please visit the attached ftp sites for photos. ftp://ftp.dnr.state.la.us/pub/CED%20Field%20Engineering/

A third flight to access the ppl 15 projects is scheduled for this Thursday.

The following are proposed/tentative schedules for post Rita field trips. The individual trip coordinators have been instructed to contact the Federal sponsors and any other pertinent individuals, prior to trip. If you have any questions or concerns regarding that trip, please contact the trip coordinator listed. In addition, please know in advance that the dates and times are subject to change.

LAFAYETTE FIELD OFFICE FIELD TRIPS:

Tuesday, October 4, 2005
Departure from field office at 7:00 am
Departure from Maxie Pierce's Landing at 8:15 am

TV-09 Boston Canal
TV-13 Oaks/Avery
TV-03 Vermilion River Cutoff
TV-18 Four Mile Terraces
TV-12 Little Vermilion Terraces

Trip Coordinator: **Herb Juneau**
Participants: Stan Aucoin, Darrell Pontiff, Christine Thibodeaux (CRD), Troy Mallach (NRCS), John Foret (NMFS), Beau Tate (CED E&D), Pat Landry

Report Preparation: Darrell Pontiff

Wednesday, October 5, 2005
Departure from field office at 7:00 am

CS-21 Highway 384
CS-29 Black Bayou Culverts

Trip Coordinator: **Dewey Billodeau**
Participants: Pat Landry, Darrell Pontiff, Leigh Ann Sharp (CRD), CED/E&D representative or CED/Project Manager, Troy Mallach (NRCS)

Report Preparation: Dewey Billodeau

Thursday, October 6, 2005
Departure from Lafayette Field Office at 7:00 am
Departure from Ellender Bridge boat launch at 9:00 am

CS-22 Clear Marais
CS-24 Perry Ridge I
CS-30 Perry Ridge II
CS-27 Black Bayou

Trip Coordinator: **Herb Juneau**
Participants: Stan Aucoin, John Foret (NMFS), Troy Mallach (NRCS), Mark Mouledous (CRD), CED/E&D representative or CED/Project Manager, Dewey B.

Report Preparation: Herb Juneau

Friday, October 7, 2005
Departure from Lafayette Field Office at 8:00 am
Departure from Maxie Pierce's Landing at 9:15 am

ME-04 FW Bayou Wetland
ME-13 FW Bayou Stabilization
TV-11 FW Bayou Shoreline
CAT-01 Chenier Au Tigre

Trip Coordinator: **Mel Guidry**
Participants: Stan Aucoin, Amanda Phillips, Troy Mallach (NRCS), Leigh Anne Sharp (CRD), Pat Landry

Report Preparation: Mel Guidry

Monday, October 10, 2005
Departure from Lafayette Field Office at 7:30 am
Departure from Cypremort Point at 9:00 am

TV-06 Marsh Island Control Structure
TV-14 Marsh Island
TV-XX Quintana Canal

Trip Coordinator: **Herb Juneau**
Participants: Stan Aucoin, Troy Barrilleaux (CRD), CED/E&D or CED/Project Manager, Pat Landry, Darrell Pontiff

Report Preparation: Herb Juneau

Tuesday, October 11, 2005
Departure from Lafayette Field Office at 7:30 am
Departure from Baldwin boat launch at 9:00 am

TV-15 Sediment Trapping at the Jaws
TV-04 Cote Blanche
TV-20 Bayou Sale

Trip Coordinator: **Stan Aucoin**
Participants: Herb Juneau, Darrell Pontiff, Pat Landry, John Foret (NMFS), Cindy Steyer (NRCS), Justin Price (CMD), CED/E&D or CED/Project Manager

Report Preparation: Stan Aucoin

Wednesday, October 12, 2005
Departure from Lafayette Field Office at 7:30 am
Departure from Superior Canal boat launch at 9:30 am

ME-19 Grand Lake/White Lake Landbridge
ME-21 Grand Lake Shoreline

Trip Coordinator: **Mel Guidry**
Participants: Stan Aucoin, Herb Juneau, CMD representative, CED/E&D or CED/Project Manager, FWS representative, Pat Landry

Report Preparation: Mel Guidry

Thursday, October 13, 2005
Departure from Lafayette Field Office at 7:30 am
Departure from Pecan Island boat launch at 9:00 am

ME-01 Pecan Island
ME-14 Pecan Island Terraces

Trip Coordinator: **Mel Guidry**
Participants: Stan Aucoin, Christine Thibodeaux (CMD), John Foret (NMFS), CED/E&D or CED Project Manager

Report Preparation: Mel Guidry

THIBODAUX FIELD OFFICE FIELD TRIPS

Tuesday 10/4/2005
Departure from Clovelly Public Landing @ 7:30 a.m.
BA-27 Barataria Landbridge Shoreline Protection (O&M Projects Only) (7:30 p.m. – 10:00 a.m.)
BA-02 GIWW to Clovelly Hydrologic Restoration Project (10:30 a.m. – 1:30 p.m.)
Trip Coordinator: **Brian Babin**/Shane Triche/Daniel Dearmond
Participants: E&D – One (1) Person
Project Management – One (1) Person
NRCS – One (1) Person
Report Preparation: Brian Babin

Wednesday 10/5/2005
Departure from Falgout Canal Landing @ 7:30 a.m.
TE-02 Falgout Canal – Rock Dike along HNC (7:30 a.m. – 8:30 a.m.)
LA-01 Dedicated Dredge – Terrebonne School Board Site (8:30 a.m. – 10:30 a.m.)
TE-28 Brady Canal Hydrologic Restoration (10:30 a.m. – 2:30 p.m.)
Trip Coordinator: **Brian Babin**/Todd Folse (Shawn Miller) Daniel Dearmond/Shane Triche (Mud Boat)
Participants: E&D – One (1) Person
Project Management – One (1) Person
NRCS – One (1) Person
Land Owners – Burlington Resources (1) persons, Apache (2) persons, (Note: Apache providing a boat also)
Report Preparation: TE-28 Brian Babin
LA-01 Shane Triche
TE-02 Daniel Dearmond

Thursday 10/6/2005
Departure from Falgout Canal Landing @ 8:00 a.m.
TE-22 Point au Fer Island (8:30 a.m. – 2:30 p.m.)
Trip Coordinator: **Daniel Dearmond**/ Shane Triche
Participants: E&D – One (1) Person
Project Management – One (1) Person
NMFS – One (1) Person
Report Preparation: Daniel Dearmond

Friday 10/7/2005
Departure from Clovelly Public Boat Launch @ 9:00 a.m.
BA-37 Little Lake Shoreline Protection/ Marsh Creation (9:30 a.m. – 12:00 p.m.) – Note: Scheduled Construction Meeting
Trip Coordinator: **Daniel Dearmond**
Participants: E&D – One (1) Person
Project Management – One (1) Person
NMFS – One (1) Person
Report Preparation: Daniel Dearmond

Monday 10/10/2005
Departure from Bob's Bayou Black Marina @ 8:30 a.m.
TE-26 Lake Chapeau Hydrologic Restoration (8:30 a.m. – 2:30 p.m.)
Trip Coordinator: **Shane Triche**/ Daniel Dearmond
Participants: E&D – One (1) Person
Project Management – One (1) Person
NMFS – One (1) Person
Report Preparation: Shane Triche

Tuesday 10/11/2005
Departure from Sharkey's Landing in Chavin @ 8:00 a.m.

TE-07 Lower Petite Caillou (8:00 a.m. – 9:00 a.m.)
TE-46 West Lake Boudreaux (9:00 a.m. – 12:00 p.m.)
Trip Coordinator: Shane Triche/ **Daniel Dearmond** / Brian Babin
Participants: E&D – One (1) Person
Project Management – One (1) Person
USFWS – One (1) Person
NRCS – One (1) Person
Monitoring – One (1) Person
Report Preparation: TE-07 Brian Babin
TE-46 Project Manager or E&D Manager

Wednesday 10/12/2005
Departure from Sharkey's Landing in Chauvin @ 8:30 a.m.
TE-45 Terrebonne Bay Shoreline Protection Demo (8:30 a.m. –12:00 p.m.)
Trip Coordinator: **Daniel Dearmond /** Shane Triche
Participants: E&D – One (1) Person
Project Management – One (1) Person
USFWS – One (1) Person
NMFS – One (1) Person
Monitoring – One (1) Person
Report Preparation: TE-45 E&D Manager or Project Manager

Thursday 10/13/2005
Departure from Falgout Canal Landing @ 7:30 a.m.
TE-39 South Lake Decade Shoreline Protection (7:30 a.m. – 10:00 a.m.)
TE-44 North Lake Mechant (10:00 a.m. – 2:30 p.m.)
Trip Coordinator: **Brian Babin**/Todd Folse / Daniel Deamond
Participants: E&D – One (1) Person
Project Management – One (1) Person
NMFS – One (1) Person
Report Preparation: TE-39 E&D Manager or Project Manager
TE-44 E&D Manager or Project Manager

NEW ORLEANS FIELD OFFICE FIELD TRIPS

Tuesday Oct 4, 2005
Ba-23 Barataria SP (West), BA-26 Barataria SP (East), BA-03c Naomi Outfall
Trip Coordinator: George Boddie

Wednesday Oct 5, 2005
PO 3b Labranche SP, PO10 Turtle Cove, PO -17 Labranche Wetland Creation
Trip Coordinator George Boddie

Thursday Oct 6, 2005
PO 06 Fritchie Marsh, PO 22 Bayou Chevee
Trip Coordinator: George Boddie
The remaining trip schedule for the New Orleans Field Office will be forwarded as developed.

If you have any questions regarding any projects in the O and M phase, or any potential FEMA claims, please contact me at 337 482 0690.

If you any questions concerning the proposed ppl 15 projects, please call Kevin Roy at 337 291 3120.

If you have question concerning projects in planning, phase I or the construction phase, please contact the individual

project managers. Thanks.

M. Garrett Broussard, P.E.
Civil Engineer
La Dept of Natural Resources
Coastal Engineering Division
337 482 0690
garrett.broussard@la.gov

Monnerjahn, Christopher J MVN

From: Monnerjahn, Chris MVN-ERO
Sent: Monday, September 26, 2005 2:00 PM
To: Monnerjahn, Chris MVN-ERO; 'Britt Paul @ NRCS'; 'Chris Knotts @ DNR'; 'Cynthia Duet with GOCA'; 'Darryl Clark @ FWS'; 'Erik Zobrist'; 'Gerry Duszynski @ DNR'; Breerwood, Gregory E MVN; LeBlanc, Julie Z MVN; 'Kirk Rhinehart @ DNR'; 'Rick Hartman @ NOAA'; 'Sharon Parrish @ EPA'; Podany, Thomas J MVN; 'Wes McQuiddy @ EPA'
Cc: Browning, Gay MVN-ERO; Goodman, Melanie MVN-ERO; Monnerjahn, Christopher J MVN; 'Daniel Llewellyn'; 'John Jurgensen @ NRCS'; 'Kevin Roy @ FWS'; 'Pat Forbes @ GOCA'; 'Rachel Sweeney @ NOAA'; Constance, Troy G MVN-ERO
Subject: RE: Potential Impacts on PPL 16 Process because of PPL 15 delay - Request for feedback

TC and P&E,
Based on the feedback from all 5 federal agencies and DNR, we have agreed that Option 1 below is the way to handle the PPL 15 / PPL 16 overlap. I will add an item to the upcoming TC mtg. agenda to discuss this publicly and have the TC make the recommendation to the TF for their decision.

Thanks to all for a speedy response.

Chris Monnerjahn
Project Manager
Coastal Restoration Branch
New Orleans District
Currently relocated to Vicksburg, MS
New Phone Number: 601-631-5992
Cell Phone Number: 504-214-7839
New email address: chris.monnerjahn@mvk02.usace.army.mil
New mailing address:
USACE - Vicksburg District
Attn: Chris Monnerjahn; Room 248
4155 East Clay Street
Vicksburg, MS 39183-3435

From: Monnerjahn, Chris MVN-ERO
Sent: Wednesday, September 21, 2005 2:20 PM
To: Britt Paul @ NRCS; Chris Knotts @ DNR; Cynthia Duet with GOCA; Darryl Clark @ FWS; Erik Zobrist; Gerry Duszynski @ DNR; Gregory Breerwood; Julie LeBlanc; Kirk Rhinehart @ DNR; Monnerjahn, Chris MVN-ERO; Rick Hartman @ NOAA; Sharon Parrish @ EPA; Thomas Podany; Wes McQuiddy @ EPA
Cc: Browning, Gay MVN-ERO; Goodman, Melanie MVN-ERO; Christopher Monnerjahn; Daniel Llewellyn; John Jurgensen @ NRCS; Kevin Roy @ FWS; Pat Forbes @ GOCA; Rachel Sweeney @ NOAA
Subject: Potential Impacts on PPL 16 Process because of PPL 15 delay - Request for feedback

Technical Committee, P&E Subcommittee,

As a result of delaying selection of PPL 15 to Dec. 7, 2005 (TC mtg) and Jan. 25, 2006 (TF mtg), the PPL 16 process will be overlapped. The FINAL approved PPL 16 process is included for reference. The first round of RPT meetings are scheduled for Jan. 10-12, 2006. This would mean that parishes will not know the FINAL result of PPL 15 prior to the first round of RPT meetings. Parishes that do not get their project selected under PPL 15 may want to re-nominate it for consideration under PPL 16.

How do we want to handle this?
I have thought about this and discussed it some with Kevin Roy.
I offer some possible options:

1.) Any projects (including demos) that do NOT get selected on PPL 15 by the TF on Jan. 25, 2006 will automatically become PPL 16 potential nominees to be considered on Feb. 1st at the Coastwide RPT meeting. These nominees would

be in addition to the already nominated projects received at the first round of RPT meetings.

2) Handle selection of PPL 15 by the TF by a fax vote prior to the first round of RPTs on Jan 10-12, 2006. Take all public comments at the public meetings and Dec. 7th TC meeting. The comments can be summarized and provided by the TC to the TF for there use in voting by fax on the PPL 15 recommendation.

Any of these options will need to be approved by the Task Force and discussed publicly.

<< File: FINAL PRIORITY LIST 16 SELECTION PROCESS-TFapproved27Jul05.pdf >>

Please provide any comments to me by COB Sept. 28, 2005. I will plan on adding this as an agenda item for the Oct 19th TC meeting.

Thanks,

Chris Monnerjahn
Project Manager
Coastal Restoration Branch
New Orleans District
Currently relocated to Vicksburg, MS
New Phone Number: 601-631-5992
Cell Phone Number: 504-214-7839
New email address: chris.monnerjahn@mvk02.usace.army.mil
New mailing address:
USACE - Vicksburg District
Attn: Chris Monnerjahn; Room 248
4155 East Clay Street
Vicksburg, MS 39183-3435

Decision:

FY06 Planning Budget Approval and Presentation of FY06 Outreach Budget

Coastal Wetlands Planning, Protection and Restoration Act

Fiscal Year 2006 Budget Summary

P&E Committee Recommendation, 25 August 2005

Tech Committee Recommendation,

Task Force Approval,

	FY2002 Amount ($)	FY2003 Amount ($)	FY2004 Amount ($)	FY2005 Amount ($)	FY2006 Amount ($)
General Planning & Program Participation [Supplemental Tasks Not Included]					
State of Louisiana					
DNR	414,856 [30,31]	430,640	405,472	460,066	383,677
Gov's Ofc	83,225	73,500	81,000	92,000	86,500
LDWF	65,000	71,529 [32]	37,760	72,096	73,598
Total State	563,081	575,669	524,232	624,162	543,775
EPA	433,735 [29]	458,934	460,913	400,700	438,800
Dept of the Interior					
USFWS	385,370 [29]	430,606	474,849	450,650	458,478
NWRC	188,242 [31]	26,905	47,995	148,363	62,071
USGS Reston					
USGS Baton Rouge					
USGS Woods Hole	25,000	5,000			
Natl Park Service					
Total Interior	598,612	462,511	522,844	599,013	520,549
Dept of Agriculture	392,395 [29]	452,564	498,624	600,077	587,937
Dept of Commerce	407,257 [29]	520,585	540,030	561,306	567,100
Dept of the Army	891,366	1,178,701	1,201,075	1,251,929	1,165,199
Agency Total	**3,286,446**	**3,648,964**	**3,747,718**	**4,037,187**	**3,823,360**
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 Freshwater Delivery (USFWS)					
Delta Building Diversion Below Empire (COE)	46,700				
Total Complex Studies	**46,700**	**0**	**0**	**0**	**0**

Coastal Wetlands Planning, Protection and Restoration Act

Fiscal Year 2006 Budget Summary

P&E Committee Recommendation, 25 August 2005

Tech Committee Recommendation,

Task Force Approval,

	FY2002 Amount ($)	FY2003 Amount ($)	FY2004 Amount ($)	FY2005 Amount ($)	FY2006 Amount ($)
Outreach					
Outreach	521,500	506,500	421,250	437,900	460,948
Supplemental Tasks					
Academic Advisory Group	239,450 [30]	100,000	99,000	99,000	99,000
Database & Web Page Link Maintenance	112,092	111,416	109,043	52,360	61,698
Linkage of CWPPRA & LCA	351,200	400,000	200,000	120,000	
Core GIS Support for Planning Activities		265,298	278,583	303,730	305,249
Oyster Lease GIS Database-Maint & Anal	124,500	64,479	88,411	98,709	103,066
Oyster Lease Program Mgmt & Impl			74,472		
Joint Training of Work Groups	25,000	97,988	50,000	30,383	
Terrebonne Basin Recording Stations	100,256	92,000	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		42,500			
Digital Soil Survey (NRCS/NWRC)	50,047				
GIS Satellite Imagery	42,223				
Aerial Photography & CD Production	75,000				
Adaptive Management	453,319	108,076			
Development of Oyster Reloc Plan	32,465	47,758			
Dist & Maintain Desktop GIS System	124,500				
Eng/Env WG rev Ph 2 of apprv Ph 1 Prjs	40,580				
Evaluate & Assess Veg Plntgs Coastwide	88,466				
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 Evluation					
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	**1,859,098**	**1,329,515**	**1,056,369**	**864,966**	**729,797**
Total Allocated	**5,713,744**	**5,484,979**	**5,225,337**	**5,340,053**	**5,014,105**
Unallocated Balance	(713,744)	(484,979)	(225,337)	(340,053)	(14,105)
Total Unallocated	1,305,535	901,934	687,978	432,925	418,820

Coastal Wetlands Planning, Protection and Restoration Act

Fiscal Year 2006 Budget Summary

P&E Committee Recommendation, 25 August 2005

Tech Committee Recommendation,

Task Force Approval,

FY2002 Amount ($)	FY2003 Amount ($)	FY2004 Amount ($)	FY2005 Amount ($)	FY2006 Amount ($)

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 contracs & @$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 documenary.

[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] Toal 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.

Coastal Wetlands Planning, Protection, and Restoration Act

25-Aug-05

P&E Meeting

Fiscal Year 2006 Planning Schedule and Budget

P&E Committee Recommendation, 25 August 2005

Tech Committee Recommendation,

Approved by Task Force,

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.

					CWPPRA COSTS											
						Dept. of Interior				State of Louisiana						
Task Category	Task No.	Task	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA	USDC	Other	Total
PPL 15 TASKS																
PL	15600	TF Selection and Funding of the 15th PPL (1)	10/26/05	10/26/05	4,130	4,732	0	0	2,202	1,502	1,500	3,600	8,527	9,600	0	35,793
PL	15700	PPL 15 Report Development	10/26/05	5/31/06	39,754	2,524	0	0	0	0	0	0	3,419	0	0	45,697
PL	15800	Corps Upward Submittal of the PPL 15 Report	6/1/06	6/1/06	1,017	0	0	0	0	0	0	0	0	0	0	1,017
PL	15900	Corps Congressional Submission of the PPL 15 Report	8/1/06	8/1/06	795	0	0	0	1,862	0	0	0	0	0	0	2,657
				FY06 Subtotal PL 15 Tasks	45,696	7,256	0	0	4,064	1,502	1,500	3,600	11,946	9,600	0	85,164

Coastal Wetlands Planning, Protection, and Restoration Act

Fiscal Year 2006 Planning Schedule and Budget

P&E Committee Recommendation, 25 August 2005
Tech Committee Recommendation,

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NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.

					CWPPRA COSTS											
						Dept. of Interior			State of Louisiana							
Task Category	Task No.	Task	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA	USDC	Other	Total
PPL 16 TASKS																
PL	**16200**	**Development and Nomination of Projects**														
PL	16210	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 16400.	10/13/05	1/19/06	1,574	0	0	0	3,067	0	0	0	1,023	0	0	5,664
PL	16220	Sponsoring agencies prepare fact sheets (for projects and demos) and maps prior to and following RPT nomination meetings.	10/13/05	1/9/06	32,098	31,545	0	0	6,152	0	0	30,700	11,338	35,200	0	147,033
PL	16230	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)	1/10/06	1/12/06	26,143	14,195	0	0	8,548	4,506	2,500	11,500	23,019	12,600	0	103,011
PL	16240	RPT Voting meeting (20 nominees and up to 6 demos)	2/1/06	2/1/06	11,618	2,524	0	0	2,653	1,502	500	3,900	7,987	4,200	0	34,884
PL	**16300**	**Ranking of Nominated Projects**														
PL	16320	Engr Work Group prepares preliminary fully funded cost ranges for nominees.	3/1/06	3/2/06	8,560	2,524	0	0	1,937	0	1,000	4,600	5,930	4,600	0	29,151
PL	16330	Environ/Engr Work Groups review nominees	3/1/06	3/2/06	12,665	7,886	0	0	2,212	1,502	1,000	5,300	12,131	3,600	0	46,296
PL	16340	WGs develop and P&E distributes project matrix	3/3/06	3/3/06	843	2,208	0	0	658	0	0	2,800	2,662	3,200	0	12,371
PL	16350	TC selection of PPL16 candidates (6) and demo candidates (up to 3)	3/15/06	3/15/06	1,853	2,524	0	0	2,847	1,502	0	1,700	8,215	3,200	0	21,841

Coastal Wetlands Planning, Protection, and Restoration Act

Fiscal Year 2006 Planning Schedule and Budget

P&E Committee Recommendation, 25 August 2005
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Approved by Task Force,

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.

					CWPPRA COSTS											
						Dept. of Interior			State of Louisiana							
Task Category	Task No.	Task	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA	USDC	Other	Total
PL	**16400**	**Analysis of Candidates**														
PL	16410	Sponsoring agencies coordinate site visits for all projects	3/16/06	5/31/06	18,507	20,504	0	0	13,891	9,012	0	19,700	32,719	21,800	0	136,133
PL	16420	Engr/Environ Work Group refine project features and determine boundaries	5/1/06	8/30/06	9,373	15,773	5,793	0	3,321	9,012	2,000	9,200	9,126	9,800	0	73,398
PL	16430	Sponsoring agencies develop project information for WVA; develop designs and cost estimates (projects and demos)	5/1/06	8/30/06	47,597	36,277	12,131	0	3,433	0	0	34,500	41,876	3,800	0	179,614
PL	16440	Environ/Engr Work Groups project wetland benefits (with WVA)	5/1/06	8/30/06	25,024	25,236	5,793	0	5,402	3,004	2,000	17,300	33,956	24,000	0	141,715
PL	16450	Engr Work Group reviews/approves Ph 1 and Ph 2 cost estimates from sponsoring agencies, incl cost estimates for demos	5/1/06	8/30/06	20,357	3,785	0	0	7,179	0	1,000	8,700	22,590	7,300	0	70,911
PL	16460	Economic Work Group reviews cost estimates, adds monitoring, O&M, etc., and develops annualized costs	5/1/06	8/30/06	18,003	1,577	0	0	1,630	0	0	0	6,215	0	0	27,425
PL	16475	Envr and Eng WG's prioritization of PPL 16 projects and demos	5/1/06	8/30/06	6,887	7,886	0	0	2,870	1,502	0	5,800	12,338	3,600	0	40,883
PL	16480	Prepare project information packages for P&E.	5/1/06	8/30/06	4,564	7,571	0	0	2,483	0	0	2,600	2,926	2,400	0	22,544
PL	16485	P&E holds 2 Public Meetings	8/30/06	8/31/06	15,270	3,785	0	0	4,754	3,004	0	2,300	16,945	3,000	0	49,058
PL	16490	TC Recommendation for Project Selection and Funding	9/13/06	9/13/06	1,853	6,309	0	0	329	1,502	0	1,700	5,399	3,600	0	20,692
				FY06 Subtotal PPL 16 Tasks	262,789	192,109	23,717	0	73,366	36,048	10,000	162,300	256,395	145,900	0	1,162,624

Coastal Wetlands Planning, Protection, and Restoration Act

Fiscal Year 2006 Planning Schedule and Budget

P&E Committee Recommendation, 25 August 2005
Tech Committee Recommendation,

Approved by Task Force,

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.

					CWPPRA COSTS											
						Dept. of Interior				State of Louisiana						
Task Category	Task No.	Task	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA	USDC	Other	Total
Project and Program Management Tasks																
PM	16100	Program Management--Coordination	10/1/05	9/30/06	393,505	88,326	14,973	0	61,964	1,502	58,500	115,100	86,709	125,000	0	945,579
PM	16110	Program Management--Correspondence	10/1/05	9/30/06	40,203	25,236	3,611	0	25,138	1,502	0	37,900	40,711	84,600	0	258,901
PM	16120	Prog Mgmt--Budget Development and Oversight	10/1/05	9/30/06	67,548	15,773	3,711	0	4,973	1,502	1,000	25,500	44,360	78,000	0	242,367
PM	16130	Program and Project Management--Financial Management of Non-Cash Flow Projects	10/1/05	9/30/06	58,669	10,094	0	0	17,718	0	0	4,600	16,126	32,000	0	139,207
PM	16200	P&E Meetings (3 meetings preparation and attendance)	10/1/05	9/30/06	30,965	8,202	3,924	0	4,291	4,506	500	11,500	17,277	6,000	0	87,165
PM	16210	Tech Com Mtngs (5 mtngs; prep and attend)	10/1/05	9/30/06	90,509	28,391	5,516	0	17,303	7,510	3,500	17,900	24,467	9,000	0	204,096
PM	16220	Task Force mtngs (4 mtngs; prep and attend)	10/1/05	9/30/06	89,056	31,545	6,619	0	18,151	6,008	6,500	28,800	36,733	40,000	0	263,412
PM	16300	Prepare Evaluation Report (Report to Congress) NOTE: next update in FY08 budget	10/1/05	9/30/06	0	0	0	0	0	0	0	0	0	0	0	0
PM	16400	Agency Participation, Review 30% and 95% Design for Phase 1 Projects	10/1/05	9/30/06	26,086	11,041	0	0	10,347	6,008	1,500	12,800	13,595	12,000	0	93,377
PM	16410	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 FY06 (present schedule indicates more projects). Assume 3 will require Eng or Env WG review; 2 labor days for each.]	10/1/05	9/30/06	18,590	11,041	0	0	3,956	7,510	2,500	6,900	7,885	12,000	0	70,382
PM	16500	Helicopter Support: Helicopter usage for the PPL process.	10/1/05	9/30/06	0	20,000	0	0	0	0	0	0	0	0	0	20,000
PM	16600	Miscellaneous Technical Support	10/1/05	9/30/06	41,583	9,464	0	0	142,406	0	1,000	11,900	31,733	13,000	0	251,086
				FY06 Subtotal Project Management Tasks	856,714	259,113	38,354	0	306,247	36,048	75,000	272,900	319,596	411,600	0	2,575,572
				FY06 Total for PPL Tasks	**1,165,199**	**458,478**	**62,071**	**0**	**383,677**	**73,598**	**86,500**	**438,800**	**587,937**	**567,100**	**0**	**3,823,360**

Coastal Wetlands Planning, Protection, and Restoration Act

Fiscal Year 2006 Planning Schedule and Budget

P&E Committee Recommendation, 25 August 2005
Tech Committee Recommendation,

Approved by Task Force,

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.

					CWPPRA COSTS											
						Dept. of Interior			State of Louisiana							
Task Category	Task No.	Task	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA	USDC	Other	Total
SUPPLEMENTAL PLANNING AND EVALUATION TASKS																
SPE	16100	Academic Advisory Group [NOTE: MOA between sponsoring agency and LUMCON available through FY19.] [Prospectus, page 7-8]	10/1/05	9/30/06	0	0	0	0	0	0	0	0	0	0	99,000	99,000
SPE	16200	Maintenance of web-based project reports and website project fact sheets. [NWRC Prospectus, pg 9] [Corps Prospectus pg 10] [LDNR Prospectus, pg 11]	10/1/05	9/30/06	3,459	0	43,631	0	14,608	0	0	0	0	0	0	61,698
SPE	16400	Core GIS Support for CWPPRA Task Force Planning Activities. [NWRC Prospectus, pg 12] [LDNR Prospectus, page 13]	10/1/05	9/30/06	0	0	296,294	0	8,955	0	0	0	0	0	0	305,249
SPE	16500	Phase 0 analyze of impacts to oyster leases for PPL project development [NWRC prospectus, pg 14] [DNR Prospectus, pg 15]	10/1/05	9/30/06	0	0	72,007	0	31,059	0	0	0	0	0	0	103,066
SPE	16900	Update Land Loss Maps ($62,500 in FY04, $63,250 in FY05, $63,250 FY06) [Del Britsch] [Prospectus, page 16]	10/1/05	9/30/06	63,250	0	0	0	0	0	0	0	0	0	0	63,250
SPE	16950	Storm Recovery Procedures (2 events) [Prospectus, page 17-19]	10/1/05	9/30/06	0	0	0	0	97,534	0	0	0	0	0	0	97,534
		FY06 Total Supplemental Planning & Evaluation Tasks			**66,709**	**0**	**411,932**	**0**	**152,156**	**0**	**0**	**0**	**0**	**0**	**99,000**	**729,797**
		FY06 Agency Tasks Grand Total			**1,231,908**	**458,478**	**474,003**	**0**	**535,833**	**73,598**	**86,500**	**438,800**	**587,937**	**567,100**	**99,000**	**4,553,157**

Coastal Wetlands Planning, Protection, and Restoration Act

Fiscal Year 2006 Planning Schedule and Budget

P&E Committee Recommendation, 25 August 2005
Tech Committee Recommendation,

Approved by Task Force,

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.

					CWPPRA COSTS											
						Dept. of Interior				State of Louisiana						
Task Category	Task No.	Task	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA	USDC	Other	Total
Otrch	16100	Outreach - Committee Funding	10/1/05	9/30/06	0	0	0	0	0	0	0	0	0	0	388,548	388,548
Otrch	16200	Outreach - Agency	10/1/05	9/30/06	6,600	3,300	29,500	0	6,600	0	6,600	6,600	6,600	6,600	0	72,400
																0
				FY06 Total Outreach	**6,600**	**3,300**	**29,500**	**0**	**6,600**	**0**	**6,600**	**6,600**	**6,600**	**6,600**	**388,548**	**460,948**
				Grand Total FY06	**1,238,508**	**461,778**	**503,503**	**0**	**542,433**	**73,598**	**93,100**	**445,400**	**594,537**	**573,700**	**487,548**	**5,014,105**
				Disallowances												
				Proposed Revised Grand Total FY06					**542,433**	**73,598**	**93,100**					

SPE 16100, Academic Advisory Group

SCOPE OF SERVICES

University scientists assistance to the Louisiana Coastal Conservation and Restoration Task Force (PPL16)

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 send 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. The Scientific Steering Committee will evaluate which of the respondents meet the minimum selection criteria for each task. If sufficient qualified scientists can be identified, the Scientific Steering Committee 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 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.

Budget

Project Management	33,000
Regional Planning Team Assistance	15,000
Environmental Workgroup Assistance	42,000
Subtotal	90,000
LUMCON overhead (10%)	9,000
Total	**99,000**

SPE 16200 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 11, 2005

CWPPRA FY04 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 where 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: $43,631

CWPPRA FY 06 Planning Budget

CWPPRA Planning Task (SPE 16200)

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

15 August 2005

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 COE.

The COE 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 16200	Maintenance of Web-based Project Reports and Website Fact Sheets	$ 3,459

CWPPRA FY 06 Planning Budget
SPE 16200 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 16200	Maintenance of Web-based Project Reports and Website Fact Sheets	$ 14,608

SPE 16400 – Core GIS Support for CWPPRA Task Force Planning Activities [NWRC]

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

National Wetlands Research Center

Aug 10, 2005

CWPPRA Reoccurring Planning Task: *Core GIS Support for CWPPRA Task Force Planning Activities – Continuation for FY06*

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 13 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, far 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 13 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.

The NWRC requests reauthorization of the Core GIS Support Task for FY06. Oyster data base maintenance support and basic WVA Support will remain separate tasks.

Core NWRC GIS support for FY05

Task	Description	Cost
SPE 16400	Continuation of Core GIS Support for CWPPRA Task Force Planning Activities.	$296,294

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.
  - Examples
    - Data sets created for other projects are used for PPL planning activites
    - Multi-date trend assessments have been expanded to include more satellite imagery and aerial photography
    - 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 16400 - Core GIS Support for CWPPRA Task Force Planning Activities [LDNR]

Description

A detailed description of the CWPPRA Planning Task *SPE 16400 - 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 16400 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 2006 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 2006 CWPPRA Planning budget request is for $8,955.00.

Benefit to CWPPRA

As stated above, a detailed description of the benefits to CWPPRA of the CWPPRA Planning Task *SPE 16400 - 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.

SPE 16500 – Oyster Lease Database Maintenance and Phase 0 Analysis [NWRC]

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

National Wetlands Research Center

Aug 10, 2005

CWPPRA Reoccurring Planning Task: *Oyster Lease Database Maintenance and Analysis FY06*

Description:

The NWRC has provided the Task Force with Geographic Information System (GIS) planning support since 1992. The scope and complexity of this support has increased over the past 13 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. One of the key spatial databases maintained by the NWRC is the coastal Louisiana oyster lease database. The Task Force and the Louisiana Dept. of Natural Resources (LDNR) use the oyster lease data to assess potential conflicts with proposed and existing restoration projects. The Louisiana Dept. of Wildlife and Fisheries (LDWF) is the source for the oyster lease data and maintains the data in an Intergraph DGN GIS format on a 7.5 minute USGS quadrangle base. The LDWF oyster lease GIS was designed to support an oyster lease survey operation and was not designed to support regional GIS analytical applications required by the Task Force and LA DNR. The USGS merges the individual LDWF DGN files together to create a seamless coast wide polygon oyster lease database for efficient analyses of potential restoration oyster lease issues. An oyster lease attribute table, maintained by LDWF, is attached to the spatial lease data to provide descriptive information for the leases such as lease expiration date and lease status.

The USGS acquires lease update information from LDWF and then modifies the oyster lease database to reflect lease boundary modifications, lease cancellations, lease expirations, and the addition of new leases. The LDWF oyster lease information is constantly updated, requiring that the USGS maintain and update the regional oyster lease data in a consistent manner to provide the Task Force and LA DNR with current lease information for planning activities.

Oyster Lease Database Maintenance and Analysis for FY06

Task	Description	Cost
SPE 16500	Oyster Lease Database Maintenance and Analysis	$72,007

Benefits:

- Provides Task Force and LA DNR with a critical data set required for restoration project planning and construction.

Deliverables:

- Provide Task Force and LA DNR with a current coastal Louisiana oyster lease database for required restoration project screening.
- Update and maintain oyster lease database to reflect changes to the source LDWF oyster lease data on a regular basis.

Provide planning related maps, graphics, and oyster lease analysis support to the Task Force and LA DNR as needed.

CWPPRA Planning Task SPE16500
Phase 0 Analysis of Impacts to Oyster Leases for PPL Development - FY06

Description:

LA DNR is the lead agency responsible for implementation of the CWPPRA Oyster Lease Acquisition Program, promulgated under Louisiana state law in April of 2003. As such DNR supplies GIS based oyster lease information and analysis to the Task Force and its subcommittees, principally the Environmental and Engineering workgroups. This information is generally provided in the form of maps and spreadsheets. DNR provides this information during all phases of the project from nomination through construction. This task code is necessary in order for DNR to provide this service during the nomination and candidate phases of a project. Oyster lease analysis is especially critical during theses phases do to the dynamic nature of the project. Information provided to the Environmental and Engineering Workgroups under this task is critical to the initial cost estimates of the projects used during the selection phase.

Project specific oyster lease acquisition issues such as attendance at engineering and design meetings and generation of project specific reports will be billed to each project individually. However, during the WVA process there is no project to bill to, therefore this Task Code is necessary in order for DNR to meet its Phase 0 requirements under the current CWPPRA Standard Operating Procedures.

Task	**Description**	**Cost**
SPE16500	Phase 0 Analysis of Impacts to Oyster Leases for PPL Development	$31,059

Benefits

< Provides Task Force and all Federal and state partners with oyster lease information and analysis critical to the for project planning purposes during the WVA process

Deliverables

< Provide Task Force, its subcommittees, including the Environmental and Engineering Workgroups and other agencies with oyster lease information necessary for planning purposes

< Provide planning related maps and lease information, including oyster lease analysis support to the Task Force and its subcommittees

SPE 16900 – Update Land Loss Database and Maps

Background The Corps of Engineers land loss maps (Britsch and Dunbar 1996) help document erosion in the coastal plain from 1932 to 1990 over four separate time intervals (1932-58, 1958-74, 1974-83, and 1983-90). The mapping methodology has remained consistent for each interval and relies on interpretation of aerial photography taken during the fall/winter months. The data is maintained in a Geographic Information System for data manipulation and presentation. Mapping land loss during separate time periods assists in determining the spatial and temporal trends in land loss rates coastwide. These trends have also proved invaluable when attempting to determine the cause of specific areas of land loss along the coast.

Support for CWPPRA Planning The Britsch and Dunbar land loss data set and maps are used on all CWPPRA projects during the annual priority project list planning process and the information is often used as the means to illustrate the need for specific projects. The Environmental Work Group uses the maps and data set to assist in determining project boundaries and in assessing the background land loss rates for candidate projects.

FY 2006 Budget Request The original map sets were published in 1996 by Britsch and Dunbar using support funds provided through CWPPRA (Britsch and Dunbar 1996). The Corps of Engineers is currently in the process of updating the land loss maps using 2001 photography. By the end of November 2003, the Corps of Engineers completed updates on 16 (most in the Pontchartrain Basin) of the 62 quadrangles covering the coastal area (funded directly by other projects). In FY03, the Corps developed a schedule to complete the updating of the remaining 46 quadrangles at a total cost of $250,000 (approx $5,500/map on average). CWPPRA funding in the amount of $62,500 was provided in FY04 (25% of total needed). At the end of FY04, the Corps completed updates on an additional 13 quadrangles. Two of the 13 completed in FY04 were paid for by the Corps' Donaldsonville to the Gulf study. In FY05, 10 quadrangles were paid for by other Corps studies (2 by Houma Navigation Canal study, 2 by Morganza to the Gulf study, and 6 by other projects); thus leaving 23 remaining quadrangles to be completed (46-13-10 = 23). The total cost in FY05/FY06 for CWPPRA to complete the remaining 23 quadrangles is $126,500 ($63,250 in funding provided in FY05 and <u>$63,250 in FY06</u>). In FY05, the Corps has shifted priority completion of maps to ensure that all PPL15 project areas were completed. To date, 49 of the 62 quadrangles have been completed and will be available by the end of September 2005. *In summary, the CWPPRA program will have access to and complete use of all 62 quadrangles, but will only directly fund the update of 34/62 quadrangles (55%) at a cost of $189,000.* FY06 is the last year that funding will be required in order to complete the update for all quadrangles.

Benefit to CWPPRA The land loss data set and maps have proved to be valuable tools in planning and designing coastal projects. With this update to 2001 the Corps of Engineers will continue to provide recent land loss data consistent with data previously used to develop CWPPRA projects. **Del Britsch, U.S. Army Corps of Engineers, (504) 862-1022**

SPE 16950 - STORM RECOVERY PROCEDURES (SRP)

Louisiana Department of Natural Resources
Coastal Engineering Division

August 15, 2005

Determine Area of Impact (1st day after event)

Hurricane Response Liaison: Contacts all Field Office Supervisors (FOS) (O&M and Monitoring) from each field office and discusses the severity of the impact in each area. Requests a list of projects affected that will need inspection along with an estimated schedule to perform inspections. Also requests reasoning in determining why some projects in the affected area may not require inspections. Requests to establish charge code to track costs related for this event. Copies CED Director, CRD Administrator, and CED Field Engineering Manager on all information. Prepares a list of projects to be inspected and assembles information for each project affected. Also determines areas to assess (where there are no projects) that have been impacted by the storm, so that assessments can be made in order to assist with future planning efforts under CWPPRA. Information should include contacts for Federal agencies, local governments, and/or involved parties, 11x17 aerial maps with all project features to scale, access routes with procedures and contacts for access, and estimate schedule to perform inspections.

Pre-assessment Briefing (1st-2nd day after event)

Hurricane Response Liaison: Determines level of assessment necessary (boat, plane, or other). Aids in coordination of inspections requiring a plane or non-typical means of travel for efficiency. Via e-mail, informs DNR management and federal contacts of inspection plans and schedule. Ensures that documentation of coordination with federal sponsor is placed in project file and a copy is provided to the appropriate federal sponsor.

Field Office Supervisors: Provide resources available and required for inspections.

Perform Damage Assessment (1st week after event)

Field Office Supervisors: Perform inspections and fills in inspection sheet in Appendices A (will attach a modified version of our annual inspection sheet) for each damage site. Expedite the inspection process as efficiently as possible and submit inspection sheets, reports, findings, and recommendations to all involved parties

ASAP, with a copy to the Hurricane Response Liaison, Field Engineering Manager and the CED Director.

Damage Assessment Reporting (2nd week after event)

Field Office Supervisors: Provides to the FEM and the CED Assistant Administrator with reports of damage assessments.

Position	Name	Office Phone	Home Phone
Hurricane Response-Liaison	Garrett Broussard	(337) 482 0690	
Hurricane Response Assist.	Shane Triche	(985) 449 5073	
	Lafayette Office		
Field Office Supervisor	Patrick Landry	(337) 482 0680	
Assistant	Stanley Aucoin	(337) 482 0681	
Monitoring Supervisor	Donna Weifenbach	(337) 482 0688	
	New Orleans Office		
Field Office Supervisor	George Boddie	(504) 280 4067	
Assistant	Thomas Bernard	(504) 280 4071	
Monitoring Supervisor	John Troutman	(504) 280 4068	
	Thibodaux Office		
Field Office Supervisor	Brian Babin	(985) 447 0956	
Assistant	Shane Triche	(985) 449 5073	
Monitoring Supervisor	Darin Lee	(985) 447 0990	
	Vegetation and Xmas tree Projects		
Project Manager	Kenneth Bahlinger	(225) 342 7362	
PM Assistant	Keith Lovell	(225) 342 0202	
	Additional Contacts		
CED Director	Christopher Knotts	(225) 342 6871	
Field Engineering Manager	David Burkholder	(225) 342 6814	
CRD Administrator	Kirk Rhinehart	(225) 342 2179	

Cost Estimate for Two (2) Post Storm Events

Plane flight	$1830/day x 2 =		$3,660.00
Helicopter	$4000/day x 2 =		$8,000.00
Initial mtg	10 @8hrs		$3660.00
Follow up	10 @8hrs		$3660.00
Field Trip	4 @$4700		$18,800.00
Reports	8 hrs		$400.00
Indirect costs (39.92%)*			$ 10,587
		Cost/Event	$ 48,767
		Total Cost 2 events	**$ 97,534**

***Indirect costs (39.92%) are not included in the plane flight and the helicopter.**

Browning, Gay B MVN

From: LeBlanc, Julie Z MVN
Sent: Tuesday, October 04, 2005 6:41 AM
To: 'john.jurgensen@la.usda.gov'; 'kevin_roy@fws.gov'; 'mcquiddy.david@epa.gov'; 'rachel.sweeney@noaa.gov'; 'daniell@dnr.state.la.us'
Cc: Browning, Gay B MVN; 'comvss@lsu.edu'; 'cynthia.duet@gov.state.la.us'; 'pat.forbes@gov.state.la.us'; 'finley_h@wlf.state.la.us'; Monnerjahn, Christopher J MVN; 'scott_wilson@usgs.gov'; 'gabrielle_bodin@usgs.gov'; 'mruiz@wlf.louisiana.gov'; 'richard.hartman@noaa.gov'; 'britt.paul@la.usda.gov'; 'darryl_clark@fws.gov'; 'parrish.sharon@epa.gov'; 'gerryd@dnr.state.la.us'; Wagner, Kevin G MVN; Constance, Troy G MVN; Axtman, Timothy J MVN; Miller, Gregory B MVN
Subject: RE: FY06 CWPPRA Planning Budget

P&E Subcommittee/Technical Committee:

I apologize for not getting the P&E recommended budget out earlier…September has been a difficult month for us in the New Orleans area, both from a personal and professional perspective following the passage of Katrina. Thanks to you all for your understanding and support in this trying time.

I would typically type minutes for the P&E meeting, but in the interest of time, I will summarize the discussions/decisions in this email. Since so much has happened since the meeting, I would ask the P&E members please feel free to provide corrections/additions to this list. It seems like such a long time ago since we met face-to-face. The P&E recommended budget and corresponding prospectus package is attached.

- Surplus in the Planning Program (not including $5.0M for FY06) is $433,000. Outreach gave back approximately $85,000.
- P&E members agreed that goal of face-to-face meeting on 25 Aug 05 is to get draft FY06 Planning Budget down to $5,000,000.
- ·P&E Subcommittee discussed the CWPPRA Report to Congress. The last one was dated 2003 (submitted in 2004). We should budget for a Report to Congress in FY2006 (goal to submit in 2007…3 years after prior report). The P&E Subcommittee decided to NOT include a cost in the draft budget since we were unsure of the scope of the effort and how the Programmatic Assessment would fit in. **When the P&E recommends a budget to the Technical Committee for review and approval, we will note that this cost was not included and ask for further guidance.**
- SPE 16300 (Linkage of CWPPRA and LCA) was zeroed out and deleted from the draft budget. Agencies noted that to date agency participation in LCA has been funded from CWPPRA. In order for agencies to continue to fully participate in LCA, appropriate funds will need to be provided. If funding is not provided, agency coordination will be limited to Fish and Wildlife Coordination Act and Magnum and Stevens. **This issue will be mentioned when the draft budget is presented to the Technical Committee.**
- SPE 16500 (Phase 0 analysis of impacts to oyster leases for PPL project development) - discussion related to fact that CWPPRA funds this analysis, but, it is used by other programs (i.e. LCA). It was stated that the effort should be funded equally among users.
- SPE 16600 (Coastwide Aerial Marsh Vegetation Survey) was deleted.
- SPE 16700 (Logistical Study to Examine Importing Sediment via Barge) was deleted, following a discussion. EPA wanted the CWPPRA program to have the foresight to look into ways to bring external sources of sediment into coastal Louisiana. It was proposed that the Engineering Workgroup could work up ballpark estimates. It was agreed that this could be accomplished within current WG tasks (no additional funding request needed). *Action Item: Corps to take lead and work with EPA in FY06.*
- SPE 16950 (Storm Recovery Procedures) - left as submitted. In FY05 there were 2 storm events in budget. *Action Items: LDNR to confirm what storms were flown in FY05 (Ivan). LDNR to ensure that a written report is submitted after each storm inspection (Cindy and Dennis already done by time of P&E Subcommittee meeting).*
- Scott Wilson stated that the Outreach Committee had another meeting scheduled after the P&E meeting, but he believed that the Outreach Budget submitted was "final submission".
- Gay Browning discussed prior year excess Planning funds (obligated but not yet invoiced). *Action Item: Gay will send a spreadsheet out to agencies with their remaining funds for reconciliation.*
- The P&E Subcommittee reviewed the draft FY06 budget in comparison to the approved FY05 budget. Individual agency budgets were decreased until a final draft budget of $5,014,105 was agreed upon. EPA noted that they took a large decrease in FY05 when asked to decrease their budget and realized that the cut was too large.

Their FY06 budget request is higher than FY05, but still lower than FY04.

- A spreadsheet comparing the draft FY06 budget to the approved FY05 budget was reviewed by the P&E Subcommittee and is attached.

FY06_Budget g_(11) to PE_25 | FY06-all-prospe us-25Aug-05.d.t | FY06-plng-bud t-comparison-tc

Julie Z. LeBlanc
U. S. Army Corps of Engineers
P&E Subcommittee Chair
601-631-5363
julie.z.leblanc@mvn02.usace.army.mil

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

From: LeBlanc, Julie Z MVN
Sent: Tuesday, August 23, 2005 2:28 PM
To: 'john.jurgensen@la.usda.gov'; 'kevin_roy@fws.gov'; 'mcquiddy.david@epa.gov'; 'rachel.sweeney@noaa.gov'; 'daniell@dnr.state.la.us'
Cc: Browning, Gay B MVN; 'comvss@lsu.edu'; 'cynthia.duet@gov.state.la.us'; 'pat.forbes@gov.state.la.us'; 'finley_h@wlf.state.la.us'; Monnerjahn, Christopher J MVN; 'scott_wilson@usgs.gov'; 'gabrielle_bodin@usgs.gov'; 'mruiz@wlf.louisiana.gov'; 'richard.hartman@noaa.gov'; 'britt.paul@la.usda.gov'; 'darryl_clark@fws.gov'; 'parrish.sharon@epa.gov'; 'gerryd@dnr.state.la.us'; Wagner, Kevin G MVN; Constance, Troy G MVN
Subject: RE: FY06 CWPPRA Planning Budget

All:

Attached are the latest-and-greatest version of the FY06 Planning Budget and associated prospecti. Thanks to all for your input and review. We will use these files in finalizing the budget during our face-to-face meeting on **Thursday, 25 Aug 05 (9:30 am, Room 1026 of LDNR building**). The Corps will bring a laptop and projector to make changes on-the-fly in anticipation of P&E consensus on a budget recommendation at the close of our meeting.

<< File: FY06_Budget Pkg_(9) to PE_22 Aug 2005 first iteration after initial.xls >> << File: FY06-all-prospectus-22Aug-05.doc >>

A summary of the comments that I received are listed below, along with agency name making the comment. We will use this information in our discussion on Thursday. See you all then.

1) General - (**NMFS**) We would like to see if we could come closer to our $5.0M target. We're pretty close and we can get closer. We have a Report to Congress next year and need to be prepared to fund that effort.

2) PL16210 - (**FWS** comment) This task is listed as a DNR/USGS task, however, there is no funding for USGS. In addition, why is there funding for USDA and USACE? What is their role in that task?

3) PM 16400 - (**NMFS** comment) With one or two agency exceptions, agency participation in design reviews appears to be fairly minimal, although I did attend two this week that enjoyed excellent participation. Agencies shouldn't allocate funds for this task if they don't perform the task. Personally, I like having other agencies input especially at the 30% level - we generally end up with a better project and a smoother process.

4) SPE 16300 - (**NMFS** comment) We concur with no 06 funding allocation. (**FWS** comment) Recommend this task be omitted.

5) SPE 16500 - (**NMFS** comment) As we commented last year (and the year before), we are concerned about repeated CWPPRA funding for oyster lease database maintenance. This is an overarching issue for all coastal restoration efforts and costs should be shared appropriately. We also continue to encourage the state to develop more efficient means on managing and

sharing data between DNR and DWF.

5) SPE 16600 - (**NMFS** comment) Not being sure exactly what's covered by the planned 2006 flight (acquisition only, L/W analyses, habitat type, etc) we're concerned that this may be somewhat of a duplication. Also, the historical frequency has been mostly every 10 years rather than 5 years. (**FWS** comment) NWRC should be prepared to discuss the outlook on other funding partners.

6) SPE 16700 - (**NMFS** comment) I can't say this should be a demo project based on recent workgroup discussions, but we don't find it appropriate for planning funds. Given the complexity of the issues and the inherent relationships to COE activities, this would make a great Science and Technology or LCA Long Distance Transport project.
(**FWS** comment) The agencies need to consider the true need of barging in sediment from the upper Mississippi River, Missouri, White, etc. Are we at the point of needing to go elsewhere within the country to obtain sediment? Are currently planned projects aniticipated to exhaust readily available sediment sources within the coastal zone? If we are at that point, then it seems that engineers at the Corps (perhaps EngWG) could calculate (at a much lower cost) some ballpark estimates for barging in sediment from other regions. That might give us a good idea as to whether or not this could be a viable option before spending $125K.

7) SPE 16900 - (**NMFS** comment) Del did a briefing for the Task Force and it makes sense to finish the job assuming that the remaining quads are in areas we would use - Julie, can you check with Del as to location of the remaining quads? (**Corps** comment) - Remaining quads are: Jeanerette, Bayou Sale Derouen, Marsh Island, Abbeville, Forked Island, Grand Lake East, Grand Lake West, Hog Bayou, Sweet Lake, Sulphur, Cameron, Johnsons Bayou

8) SPE 16950 - (**NMFS** comment) As per our previous comments, it makes sense to fund this for 06 if we spent the 05 funds. I may have missed something, but can we get a description of 05's efforts?

Julie Z. LeBlanc
U. S. Army Corps of Engineers
(504) 862-1597

-----Original Message-----
From: LeBlanc, Julie Z MVN
Sent: Monday, August 15, 2005 5:44 PM
To: 'john.jurgensen@la.usda.gov'; 'kevin_roy@fws.gov'; 'mcquiddy.david@epa.gov'; 'rachel.sweeney@noaa.gov'; 'daniell@dnr.state.la.us'
Cc: Browning, Gay B MVN; 'comvss@lsu.edu'; 'cynthia.duet@gov.state.la.us'; 'pat.forbes@gov.state.la.us'; 'finley_h@wlf.state.la.us'; Monnerjahn, Christopher J MVN; 'scott_wilson@usgs.gov'; 'gabrielle_bodin@usgs.gov'; 'mruiz@wlf.louisiana.gov'; 'richard.hartman@noaa.gov'; 'britt.paul@la.usda.gov'; 'darryl_clark@fws.gov'; 'parrish.sharon@epa.gov'; 'gerryd@dnr.state.la.us'; Wagner, Kevin G MVN; Constance, Troy G MVN
Subject: RE: FY06 CWPPRA Planning Budget

P&E Subcommittee Members:

Thanks to all for your budget submissions. Attached is the compiled version of the DRAFT FY06 CWPPRA Planning Budget and associated prospecti, for your review. The budget, as attached, totals **$5,253,056**. Our "goal", as you may recall, was to submit a budget close to $5.0M. Gay tells me that our current "surplus" in the Planning Program is $428,000 (about $80,000 higher than previously reported). In addition, assuming that there are no tropical events which would require spending FY05 funds under SPE 15950 (Storm Recovery Procedures), an additional $97,000 could be put back into the Planning pot. Thus, we will be working with available funds in FY06 ranging from $5,428,000 to $5,525,000, depending upon the need to spend storm recovery funds between now and Sept 30, 2005.

A few items of note:

- AAG budget amount was not submitted, Corps included $99,000 as a placeholder from FY05 budget. Corps needs AAG prospectus for inclusion in budget is needed ASAP, but not later than **Friday, 19 Aug 05**.

- Governor's Office budget was not submitted. Following discussion with Pat Forbes, Corps included FY05 budget amounts as a "placeholder". Final budget submission from Governor's Office is needed ASAP, but not later than **Friday, 19 Aug 05**.
- Outreach budget was provided by Scott Wilson, USGS. If an agency submitted a figure that did NOT match Scott's figures, I used Scott's numbers. Since the P&E/Technical Committee does not recommend the Outreach budget to the Task Force for approval, please coordinate directly with Scott if you would like your agency's funding amount revised. Scott, please let me know if numbers change, not later than **Friday, 19 Aug 05** (submissions that differed were FWS-$3,590, LDNR-$7,174, and NMFS-$13,200).
- Some agencies included funding for CWPPRA/LCA linkage...at the $15,000 amount suggested by Tom Ponday at the June Technical Committee meeting. Since not all agencies included funding for this item and for consistency sake, the Corps REMOVED all amounts under this item can be discussed by the group. It is my understanding that LCA will pay for agency participation with LCA funds. I've copied Troy and Kevin on this email and will discuss further with them and **Corps will provide feedback with next iteration of budget**.
- Prospectus needed from LDNR for SPE 16200, Maintenance of Web-Based Project Reports and Fact Sheets, not later than **Friday, 19 Aug 05**.

Also attached to this email is a spreadsheet that compares the approved FY05 budget with this draft FY06 budget. Please note that the comparison does NOT include the added cost of the Programmatic Assessment, which was approved as as add-on to the FY05 budget. This will allow agencies to better see where the differences are in the budget amount from FY05 compared to FY06. "Red" items indicate a decrease in cost over FY05 "Green" items indicate an increase in cost over FY05.

Agencies are requested to review their respective budgets and provide any comments/revisions by **COB, Friday, 19 Aug 05**. Comments/discussion from the agencies on the budget as a whole are also requested by **COB, Friday, 19 Aug 05**. I don't believe that we will be successful in whittling down the budget via email, but, we can entertain some preliminary discussion. The Corps will plan to send out a final version of the DRAFT budget on Monday, 22 Aug 05 for use in our face-to-face meeting on Thursday, 25 Aug 05 (10:00 am in Rm 1026 of the LDNR LaSalle Building).

<< File: FY06_Budget Pkg_(8) to PE_15 Aug 2005 with agency initial budget input.xls >> << File: FY06-all-prospectus-15Aug-05.doc >> << File: FY06-plng-budget-comparison-to-FY05.xls >>
Julie Z. LeBlanc
U. S. Army Corps of Engineers
(504) 862-1597

-----Original Message-----
From: LeBlanc, Julie Z MVN
Sent: Friday, August 05, 2005 5:09 PM
To: 'john.jurgensen@la.usda.gov'; 'kevin_roy@fws.gov'; 'mcquiddy.david@epa.gov'; 'rachel.sweeney@noaa.gov'; 'daniell@dnr.state.la.us'
Cc: Browning, Gay B MVN; 'comvss@lsu.edu'; 'cynthia.duet@gov.state.la.us'; 'pat.forbes@gov.state.la.us'; 'finley_h@wlf.state.la.us'; Monnerjahn, Christopher J MVN; 'scott_wilson@usgs.gov'; 'gabrielle_bodin@usgs.gov'
Subject: RE: FY06 CWPPRA Planning Budget

P&E Subcommittee:

Thanks for your review and comments of the draft FY06 budget spreadsheet. Attached is the revised spreadsheet into which agencies should begin inputting budget amounts. As outlined in a previous email, agency submissions **(and prospectus' when necessary)** are requested by **COB, Friday, 12 Aug 05**. Once the Corps receives everyone's input, we will compile an initial budget and send it out for review and comment via email...(with the expectation of making one revision of spreadsheet via email)...in preparation for our face-to-face meeting on **25 Aug 05, 9:30 am, Room 1026 of the LDNR LaSalle Building**.

<< File: FY06_Budget Pkg_(7) to PE_5 Aug 2005 for initial budget input.xls >>
For those of you who want to get into the details of the changes that the Corps made (as a result of comments received from P&E Subcommittee members), continue reading...I took the liberty to change dates throughout the spreadsheet to more closely match the dates in the FINAL PPL16 process approved by the Task Force...

1. PL15800 and 15900 - EPA asked if all agencies needed to budget time for review of PPL15 report. I revised PL 15900 so that there is no misunderstanding about the fact that this item is NOT the "Report to Congress", it is sending the **PPL15** report to Congress. The Report to Congress cost is included in PM

16300 (and should include agency participation in development and review of report). In FY05 there were funds for agencies to assist in the development of the PPL14 report...however, I personally don't think that agencies (other than the Corps) need to have funds for PL 15800 and PL 15900.

2. PL 16220 - Per FWS request, added verbiage to include "projects and demos".

3. PL 16230 - Per multiple agency comments, changed verbiage to indicate proper number of nominees (20) and added demos (up to 6).

4. PL 16310 - Deleted, per FWS request. To be covered under regular workgroup business.

5. PL 16340 - FWS suggested deleting this item. I revised to read "WGs develop and P&E distributes project matrix".

6. PL 16350 - FWS suggested adding an item for TC selection of PPL16 candidates (time discussing and preparing for meeting), similar to PL 16490. Added.

7. PL 16410 - NRCS suggested providing additional time for field trips because of condensed WG time. I revised start date to begin immediately after the TC selects the 6 candidates under PPL16.

8. PL 16430, 16450, and 16475 - FWS asked to include demos in descriptions. Added.

9. PM 16120 and 16130 - EPA asked if these items were "Corps only" tasks? Answer: I don't think so. FY05 budget includes costs for nearly all agencies under these tasks.

10. SPE 16300 - Agencies asked if this item should be included. At the Tech Committee meeting, Tom suggested that amount be decreased to $15,000 per agency. There was also discussion about deleting this item. I left it in and we can decide at a later point if it will be included. Since we are trying to target a budget of $5M or less....my inclination would be to eliminate the task. Just my personal opinion.

11. SPE 16700 - Media training. I deleted this item since I believed it to be a one-time event. We can discuss if agencies believe that they were not able to send all PMs to this training last year.

12. SPE 16600 - Requested by FWS, new task added "Coastwide Aerial Marsh Vegetative Survey..." We can discuss further once we receive a prospectus and meet face-to-face.

13. SPE 16900 - Land Loss Maps Update - updated requested. Del Britsch provided update at June TC meeting. Prospectus will be updated and we can answer questions as needed. No change to item on spreadsheet.

14. SPE 16950 - Storm Recovery Procedures - update requested. No change to item on spreadsheet. I believe that these funds were only to be provided if there was a storm event (2 were costed out). If there were no events, funds would be returned to the pot. LDNR and Gay can provide update on funding provided/spent.

Julie Z. LeBlanc
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-----Original Message-----

From: LeBlanc, Julie Z MVN
Sent: Wednesday, July 27, 2005 6:56 PM
To: 'john.jurgensen@la.usda.gov'; 'kevin_roy@fws.gov'; 'mcquiddy.david@epa.gov'; 'rachel.sweeney@noaa.gov'; 'daniell@dnr.state.la.us'
Cc: Browning, Gay B MVN; 'comvss@lsu.edu'; 'cynthia.duet@gov.state.la.us'; 'pat.forbes@gov.state.la.us'; 'finley_h@wlf.state.la.us'; Monnerjahn, Christopher J MVN; 'scott_wilson@usgs.gov'; 'gabrielle_bodin@usgs.gov'
Subject: FY06 CWPPRA Planning Budget

P&E Subcommittee:

With the Task Force's approval of the PPL16 process, we are ready to begin development of the CWPPRA FY06 Planning Budget. As discussed at the 8 Jun 05 Technical Committee meeting, our "goal" is to present a budget to the Technical Committee at or below $5M, since the available funds in the

Planning Program is $348,000. We should complete the following tasks:

(1) reach consensus on the tasks to be included (comments requested by **COB, Friday, 5 Aug 05**...silence will be interpreted as concurrence),
(2) agencies input dollar amounts for tasks and return their budgets (and prospectus' when necessary) to the Corps for compilation (agency dollar figures and prospectus' requested by **COB, Friday, 12 Aug 05**), and
(3) complete any additional iterations via email, and
(4) meet face-to-face on 25 Aug 05 to finalize the P&E's recommendation for the FY06 budget.

FYI, our meeting on the Thursday, 25 Aug 05, starting at 9:30 am will be held in Room 1026 of the LDNR LaSalle Building.

<< File: FY06_Budget Pkg_(6) Initial to P&E_27 July 2005.xls >>
Julie Z. LeBlanc
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(504) 862-1597

-----Original Message-----
From: LeBlanc, Julie Z MVN
Sent: Friday, July 15, 2005 5:53 PM
To: 'john.jurgensen@la.usda.gov'; 'kevin_roy@fws.gov'; 'mcquiddy.david@epa.gov'; 'rachel.sweeney@noaa.gov'; 'daniell@dnr.state.la.us'
Cc: Browning, Gay B MVN; 'comvss@lsu.edu'; 'cynthia.duet@gov.state.la.us'; 'pat.forbes@gov.state.la.us'; 'finley_h@wlf.state.la.us'; Monnerjahn, Christopher J MVN; 'scott_wilson@usgs.gov'; 'gabrielle_bodin@usgs.gov'
Subject: RE: FY06 CWPPRA Planning Budget

P&E Subcommittee Members:

Thanks to all for your response regarding availability. Please mark your calendar's for **Thursday, 25 Aug 05, at 9:30 am in Baton Rouge** (Dan, can you reserve a small conference room for us???). As previously stated, the goal of this meeting will be to finalize the FY06 budget (draft(s) will be developed from agency submissions via email).

Julie

-----Original Message-----
From: LeBlanc, Julie Z MVN
Sent: Monday, July 11, 2005 6:07 PM
To: 'john.jurgensen@la.usda.gov'; 'kevin_roy@fws.gov'; 'mcquiddy.david@epa.gov'; 'rachel.sweeney@noaa.gov'; 'daniell@dnr.state.la.us'
Cc: Browning, Gay B MVN; 'comvss@lsu.edu'; 'cynthia.duet@gov.state.la.us'; 'pat.forbes@gov.state.la.us'; 'finley_h@wlf.state.la.us'; Monnerjahn, Christopher J MVN; 'scott_wilson@usgs.gov'; 'gabrielle_bodin@usgs.gov'
Subject: FY06 CWPPRA Planning Budget

P&E Subcommittee:

At the 8 Jun 05 Technical Committee meeting the P&E Subcommittee was tasked with drafting the FY06 budget in time for recommendation to the Technical Committee at their 14 Sep 05 meeting (for subsequent approval by the Task Force on 26 Oct 05). There are a few items that we are awaiting final approval from the Task Force (PPL16 process for one) before we will be able to put numbers to the budget. In the interim, I'd like to get a date on everyone's calendar NOW so that we are ready-to-go following the Task Force meeting on July 27th.

P&E members are asked to send me their availability for a meeting during the period of August 22nd - Sept 2nd. Once I hear from everyone, I will set a date for the sit-down meeting. I'd like to tackle the budget via email for the first cut with a sit-down meeting to work out the details. The Corps will send a skeleton budget spreadsheet immediately following the Task Force meeting (similar to what we did in FY05).

I've attached the email trail for what we did during the development of the FY05 budget, FYI.

Julie Z. LeBlanc

U. S. Army Corps of Engineers
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DRAFT Requested FY 2006 TOTAL OUTREACH BUDGET

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	3,300	3,300			6,600
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					72,400
Operations Budget (from page 2)					388,548
Total CWPPRA Outreach Budget Request					460,948

FY 2006 DRAFT PUBLIC OUTREACH COMMITTEE BUDGET
Recommendation to Task Force

Operations	Proposed FY2006
Description	
Outreach Coordinator - Gabrielle Bodin	93,668
Watermarks Newsletter Contract	83,000
LaCoast Internet Home Page	55,000
Outreach Assistant / Educational Specialist -Susan Bergeron- Breaux Act Newsflash, event assistance, Distribution, Teacher Workshops, Administrative Support	66,880
Dedications support (printing, photographs,	4,000
Printing, Video, and Graphics Support	3,000
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)	27,000
Contractual Support for Outreach Distribution (student worker 14.5k and 7k for bulk mailing)	21,500
Video News Releases (3)	5,500
Contract Writing	10,000
Operations Budget	388,548

Report:

Overview of Available Funding in Construction Program for Phase II Requests Expected in Dec 05 / Jan 06

Potential Funding Requests				18-Oct-05
		Total	**Fed**	**Non-Fed**
Funds Available:				
Funds Available, 1 Oct 2005		429	365	64
FY06 Const Program Funding (anticipated)		66,234,118	56,299,000	9,935,118
Total	66,234,547	66,234,547	56,299,365	9,935,182
October 2005 Funding Requests:				
O&M: Cote Blanche		1,859,116	1,580,249	278,867
O&M: Coastwide Nutris		4,789,300	4,070,905	718,395
COE Admin		14,495	12,321	2,174
Monitoring: Four Mile Canal		28,903	24,568	4,335
Monitoring: CRMS		1,036,109	880,693	155,416
Total	7,727,923	7,727,923	6,568,735	1,159,188
Balance Forward with Above Approvals	**58,506,624**			
Phase I (approximate)	9,000,000	9,000,000	7,650,000	1,350,000
January 2006 Phase II Requests:				
Barataria Basin LB, Phase 3, CU 7		12,069,159	10,258,785	1,810,374
Benneys Bay		10,420,404	8,857,343	1,563,061
Castille Pass		10,600,000	9,010,000	1,590,000
Dedicated Dredging on Bara Basin LA		27,304,111	23,208,494	4,095,617
East Grand Terre		27,311,634	23,214,889	4,096,745
Freshwater Bayou Canal		15,756,616	13,393,124	2,363,492
GIWW Bank Restoration		20,434,223	17,369,090	3,065,133
Grand Lake		12,404,517	10,543,839	1,860,678
Lake Borgne & MRGO Shoreline Protection		16,107,853	13,691,675	2,416,178
Lake Borgne Combined		14,969,921	12,724,433	2,245,488
Pass Chaland to Grand Bayou Pass		24,845,261	21,118,472	3,726,789
Rockefeller Refuge		7,625,145	6,481,373	1,143,772
Ship Shoal: Whiskey West Flank		38,903,142	33,067,671	5,835,471
South Lake DeCade - CU1		2,511,857	2,135,078	376,779
West Lake Boudreaux		12,431,501	10,566,776	1,864,725
Total	253,695,344	253,695,344	215,641,042	38,054,302
Shortfall	**(204,188,720)**			
Additional Funding Needs:				
Hopedale	372,250	372,250	335,025	37,225

CWPPRA, Phase II Approval Forecast for January 2006 - Status of Project Milestones

Updated 21 October 2005

Agency	Proj No.	PPL	Project	Request for Phase II Approval	Construction Start	Phase II Incr 1 Funding Rqst*	30% Design Review Meeting Date	95% Design Review Meeting Date	Percent (%) Likelihood to Request Phase II Funds in Jan 2006
NRCS	BA-27c(3)	9	Barataria Basin Landbridge, Phase 3 - CU 7	Jan-06	Aug-06	$12,069,159	20 Aug 03 (A)	2 Sep 04 (A)	100%
COE	MR-13	10	Benneys Bay Diversion	Jan-06	Mar-06	$10,420,404	4 Sep 02 (A)	Nov 05 (T)	80%
NMFS	AT-04	9	Castille Pass Channel Sediment Delivery	Jan-06	Apr-06	$10,600,000	20 Jan 04 (A)	13 Oct 05 (A)	100%
FWS	BA-36	11	Dedicated Dredging on Bara Basin LB	Jan-06	Jun-06	$31,000,585	17 Dec 03 (A)	29 Jul 04 (A)	100%
NMFS	BA-30	9	East Grand Terre Island Restoration	Jan-06	Apr-06	$27,311,634	26 May 05 (A)	7 Nov 05 (S)	90%
COE	TV-11b	9	Freshwater Bayou Bank Stab-Belle Isle Canal-Lo	Jan-06	Oct-06	$15,756,616	27 Jun 02 (A)	22 Jan 04 (A)	100%
NRCS	TE-43	10	GIWW Bank Restoration of Critical Areas in Terr	Jan-06	Aug-06	$20,434,223	21 Jan 03 (A)	26 Aug 04 (A)	100%
COE	ME-21	11	Grand Lake Shoreline Protection	Jan-06	May-06	$12,404,517	11 May 04 (A)	16 Aug 04 (A)	100%
COE	PO-32	12	Lake Borgne & MRGO Shoreline Protection	Jan-06	Mar-06	$16,107,853	11 Aug 04 (A)	29 Mar 05 (A)	100%
EPA	PO-30	10	Lake Borgne Shoreline Protection	Jan-06	Jun-06	$14,969,921	18 Aug 05 (A)	Nov 05 (T)	90%
NMFS	BA-35	11	Pass Chaland to Grand Bayou Pass	Jan-06	Apr-06	$24,845,261	16 Sep 04 (A)	7 Nov 05 (S)	90%
NMFS	ME-18	10	Rockefeller Refuge	Jan-06	Apr-06	$7,625,145	28 Sep 04 (A)	20 Sep 05 (A)	100%
EPA	TE-47	11	Ship Shoal: Whiskey West Flank Restoration	Jan-06	Mar-06	$38,909,247	5 Oct 04 (A)	28 Sep 05 (A)	90%
NRCS	TE-39	9	South Lake DeCade - CU 1	Jan-06	Aug-06	$2,511,857	19 Jul 04 (A)	2 Sep 04 (A)	100%
FWS	TE-46	11	West Lake Boudreaux	Jan-06	Jul-06	$12,431,501	16 Jun 05 (A)	Nov 05 (T)	80%
						$257,397,923			

* Amount may change based upon updates to fully funded cost estimates.

(A) = Actual Date
(S) = Scheduled/Announced Date
(T) = Tentative Date

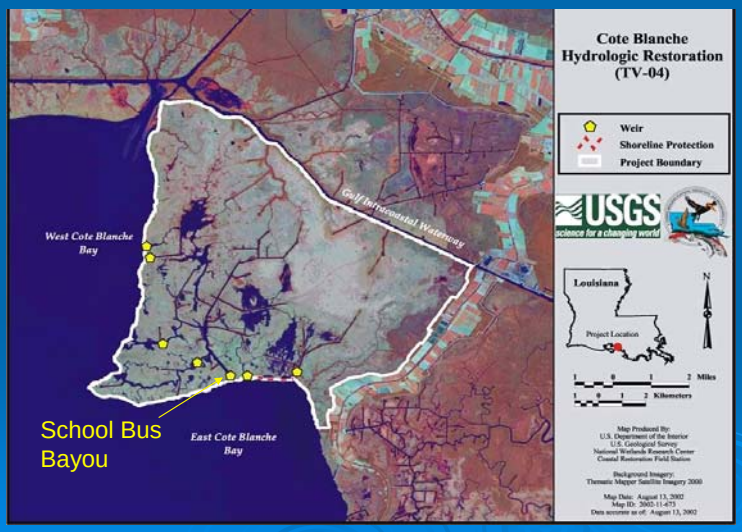
Decision:

Request for Operations and Maintenance (O&M)
Funding Required in FY06

TV-04 Cote Blanche Hydrologic Restoration

October 2005

Plan View of TV-04 Cote Blanche



Historical Information

- The Cote Blanche Hydrologic Restoration project area consists of 31,637 acres of freshwater marsh in the Teche/Vermilion Basin in St. Mary Parish. The project boundaries include the GIWW to the north, Hwy 317 to the east, East Cote Blanche Bay to the south, and West Cote Blanche Bay to the west.
- Project goals are to create a lower energy environment by reducing the larger openings that penetrate fragile interior marsh and act as direct conduits for increased tidal influences.
- The project was funded on the CWPPRA PPL 3 list.
- Initial construction was completed in 1999. Maintenance events were completed in 2001 & 2005.

Initial Construction Details

- The project was completed in January 1999 at a constructed cost of $3,875,018.
- The project consisted of low level weirs at Mud Bayou, Humble-F Canal, Bayou Long, Bayou Carlin, Humble Canal, Jackson Bayou and British American Canal. Approximately 3,500 L.F. of PVC shoreline protection was constructed along the southern boundary.

2001 Maintenance Event Details

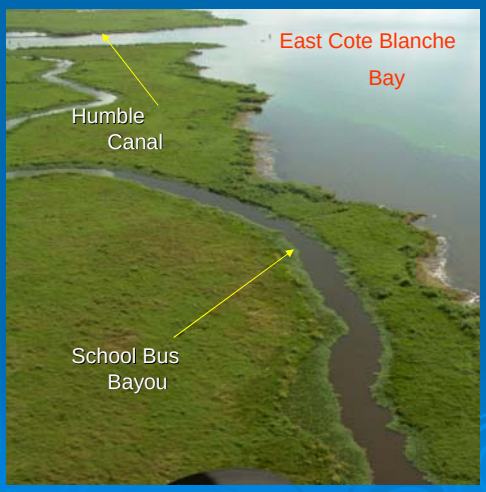
- Work included 1) placement of 12”-14” of paving stone spread out around the wingwalls of the weirs at 6 of the structures 2) replacement of 100 pile caps along the PVC wall 3) replacement of day markers at Humble-F Canal 4) construction of revetment/foreshore dike along the west bank of British American Canal.
- Construction was completed in 2001.
- Total Project Cost: $320,000

2005 Maintenance Event Details (For Repair of Hurricane Lili Damages)

- Work included 1) Rock repair paving at 6 of the structures 2) Replacement of warning sign and channel marker sign at 2 structures.
- Construction was completed in 2005.
- Total Project Cost: $84,500*

* Reimbursed by FEMA

Aerial View of School Bus Bayou September 2001



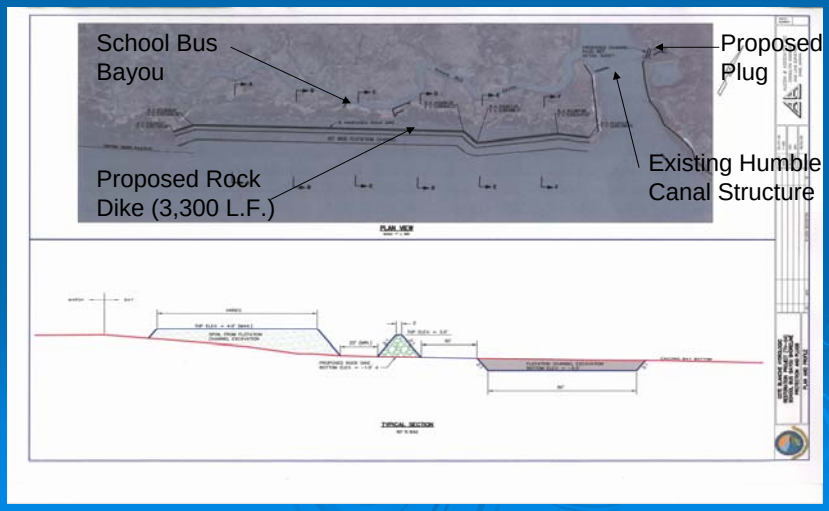
Picture of Breach Along School Bus Bayou – March 2004

Another View of Breach Along School Bus Bayou – March 2004

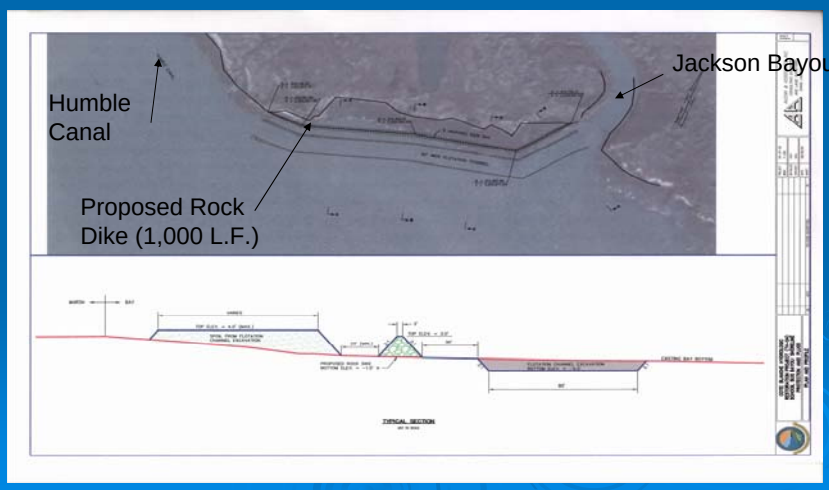
Proposed Maintenance Details for FY 2005/06

- During the 2004 annual O&M inspection, it was determined that increased erosion along the southern portion of the project area has caused multiple breaches to occur between School Bus Bayou and Cote Blanche Bay. This situation is allowing for direct conduits to the interior marsh causing increased tidal influences. In addition there is severe shoreline erosion occurring between Humble Canal and Jackson Bayou.
- Rock dike construction is proposed from Humble Canal westward approximately 3,300 L.F. to the existing timber bulkhead, and eastward approximately 1,000 L.F. to Jackson Bayou.
- Construction of rock plug near old oilfield site east of Humble Canal.
- Existing breaches from Cote Blanche Bay into School Bus Bayou will be plugged with spoil material from flotation access cut.
- TOTAL ESTIMATED O&M COST for FY 2005/06: $1,726,345

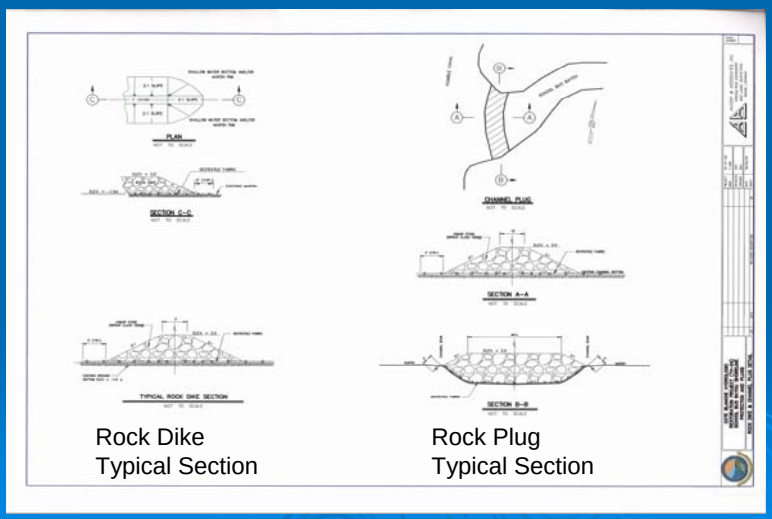
Enlarged View of School Bus Bayou (Proposed Maintenance West of Humble Canal)



Enlarged View (Proposed Maintenance East of Humble Canal)



Proposed Typical Sections



Rock Dike
Typical Section

Rock Plug
Typical Section

Proposed Maintenance Details for FY 2006/07

- The proposed rock dike construction is expected to settle approximately 1.8 feet during the first six months.
- A maintenance event to restore the above shore protection dike to constructed elevation of +3.0 NAVD88 is estimated at 3,600 tons.
- TOTAL ESTIMATED O&M COST for FY 2006/07: $315,119

Recommended TV-04 Maintenance Request

- FY 05/06 Projected Budget: $1,726,345
- FY 06/07 Projected Budget: $ 315,119
- FY 07/08 Projected Budget: $ 5,288
- 3 YEAR BUDGET ESTIMATE: $2,046,752

- REMAINING O&M FUNDS: $ 187,636
- ADDN. FUNDS REQUESTED: $ 1,859,116

Monnerjahn, Christopher J MVN

From: David Burkholder [davidb@dnr.state.la.us]
Sent: Tuesday, September 06, 2005 4:11 PM
To: LeBlanc, Julie MVN-ERO
Cc: Baker, Justin; Gerry Duszynski; Chris Knotts; Ismail Merhi; Patrick Landry; Kinler, Quin - Baton Rouge, LA; Sticker, Brad - Alexandria, LA; Garrett Broussard; Richard Raynie
Subject: CWPPRA FY06 O&M Funding Request

The staff of the Field Engineering Section of DNR's Coastal Engineering Division has reviewed the projects currently in O&M status and has determined that the following projects will need to request additional Operation & Maintenance funds at the upcoming September/October CWPPRA meetings:

PPL 1-8 PROJECTS

1. Cote Blanche Hydrologic Restoration (TV-04) PPL-3
   Requested increase in O&M Budget for 2006 through 2008 = **$1,739,200**

PPL 9-13 PROJECTS

1. Coastwide Nutria Control Program (LA-03b) PPL-11
   Requested increase in O&M Budget for 2006 through 2008 = **$4,789,300**

Total FY06 O&M Funding Request = $6,528,500

Attached are spreadsheets summarizing the O&M budgets of these projects for 2006-2008, with a breakdown of existing budgets, estimated expenditures to date, and estimated unexpended O&M funds. A PowerPoint presentation is being prepared for the Cote Blanche (TV-04) project to provide initial construction details, historical information, and details of the proposed maintenance events.

David M. Burkholder, P.E.
Engineer Manager - Field Engineering Section
Coastal Engineering Division
La. Dept. Of Natural Resources
617 North 3rd Street, 10th Floor
P.O. Box 44027
Baton Rouge, LA 70804-4027

(225) 342-6814
Fax: (225) 242-3431

COTE BLANCHE HYDROLOGIC RESTORATION PROJECT (TV-04) PPL-3

FEDERAL AGENCY: NRCS
CONSTRUCTION COMPLETED: JAN. 1999

EXISTING OPERATION AND MAINTENANCE (O&M) BUDGET:	$649,224		
ESTIMATED O&M EXPENDITURES (as of 6/30/05):	$461,588		
ESTIMATED UNEXPENDED O&M FUNDS:	$187,636		
REQUESTED O&M FUNDS FOR 2006 TO 2008	**$1,739,116**	**>>>>>USE**	**$1,739,200**

PROJECTED O&M EXPENDITURES

	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Annual Inspection	$4,955	$5,119	$5,288							
Structure Operation	$0	$0	$0							
Engineering & Design	$47,860	$30,000								
Construction Project	$1,183,300	$200,000								
Construction Contingency (25%)	$295,825	$50,000								
Construction Oversight	$34,405	$20,000								
Construction Administration	$40,000	$10,000								
TOTAL	$1,606,345	$315,119	$5,288	$0	$0	$0	$0	$0	$0	$0

TOTAL BUDGET 2006-2008 **$1,926,752**

COTE BLANCHE HYDROLOGIC RESTORATION PROJECT (TV-04)

ESTIMATED 2006/2007 O&M PROJECT COST

August 22, 2005

ITEM NO	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
1	Mobilization/Demobilization	Lump	1	Lump	$40,000.00
2	Rock Dike	Ton	3,600	$40.00	$144,000.00
3	Flotation for Access Channel	Cubic Yard	10,000	$1.60	$16,000.00
	TOTAL ESTIMATED COST				**$200,000.00**

COTE BLANCHE HYDROLOGIC RESTORATION PROJECT (TV-04)

ESTIMATED 2005/2006 O&M PROJECT COST

August 22, 2005

ITEM NO	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
1	Mobilization/Demobilization	Lump	1	Lump	$100,000.00
2	Rock Dike	Ton	23,500	$34.00	$799,000.00
3	Geo Textile Fabric	Square Yard	15,430	$10.00	$154,300.00
4	Flotation for Access Channel	Cubic Yard	60,000	$1.50	$90,000.00
5	Temporary Signs	Lump	1	Lump	$40,000.00
	TOTAL ESTIMATED COST				**$1,183,300.00**

COTE BLANCHE HYDROLOGIC RESTORATION PROJECT (TV-04)

FEDERAL AGENCY: NRCS		
CONSTRUCTION COMPLETED: JAN 1999		
EXISTING OPERATION AND MAINTENANCE (O&M) BUDGET:	$649,224	
O&M EXPENDITURES AS 0F 6/30/2005 (FEDERAL AND STATE):	$461,588	
UNEXPENDED O&M FUNDS:	$187,636	
PROPOSED 2005/2006 O & M COST		
1. MAINTENANCE PROJECT COST		
a. ENGINEERING & DESIGN	$47,860	
b. CONSTRUCTION:	$1,183,300	(SEE ATTACHED)
c. CONSTRUCTION CONTINGENCY (25%)	$295,825	
d. CONSTRUCTION OVERSIGHT:	$34,405	
e. ADMINISTRATION (LDNR/NRCS):	$40,000	
TOTAL PROJECT COST:		$1,601,390
2. STRUCTURE OPERATION:		$0
3. ANNUAL INSPECTION:		$4,955
TOTAL 2005/2006 O & M COST:		**$1,606,345**
PROPOSED 2006/2007 O & M COST		
1. MAINTENANCE PROJECT COST		
a. ENGINEERING & DESIGN	$30,000	
b. CONSTRUCTION:	$200,000	(SEE ATTACHED)
c. CONSTRUCTION CONTINGENCY (25%)	$50,000	
d. CONSTRUCTION OVERSIGHT:	$20,000	
e. ADMINISTRATION (LDNR/NRCS):	$10,000	
TOTAL PROJECT COST:		$310,000
2. STRUCTURE OPERATION:		$0
3. ANNUAL INSPECTION:		$5,119
TOTAL 2006/2007 O & M COST:		**$315,119**
PROPOSED 2007/2008 MAINTENANCE COST		
1. ANNUAL INSPECTION:		$5,288
2. STRUCTURE OPERATION:		$0
TOTAL 2007/2008 MAINTENANCE COST:		**$5,288**
TOTAL PROJECTED 2005/2006 O & M BUDGET:		**$1,606,345**
TOTAL PROJECTED 2006/2007 O & M BUDGET:		**$315,119**
TOTAL PROJECTED 2007/2008 O & M BUDGET:		**$5,288**
TOTAL PROJECTED THREE YEAR (2005-2008)O & M BUDGET:		**$1,926,752**
UNEXPENDED O & M FUNDS AVAILABLE:		**$187,636**
PROJECTED O & M BUDGET SHORTFALL:		**$1,739,116**

COASTWIDE NUTRIA CONTROL PROGRAM (LA-03B) PPL-11

FEDERAL AGENCY: NRCS

TASK FORCE APPROVED PHASE II BUDGET (YEARS 1-5)	$12,676,485
SURPLUS FROM PHASE I (Propose moving to PHASE II)	$126,713
TOTAL	$12,803,198
EXPENDED: PROGRAM YR 1 (2002-2003)	$1,796,846
EXPENDED: PROGRAM YR 2 (2003-2004)	$1,769,701
EXPENDED and/or ESTIMATED: PROGRAM YR 3 (2004-2005)	$1,602,093
ESTIMATED: PROGRAM YR 4 In Progress (2005-2006)	$2,809,546
ESTIMATED: PROGRAM YR 5 (2006-2007)	$3,059,756
TOTAL ESTIMATED EXPENDITURES THRU PROGRAM YR 5	$11,037,942
ESTIMATED REMAINING BALANCE AFTER PROGRAM YR 5	$1,765,256
ESTIMATED: PROGRAM YR 6 (2007-2008)	3,277,284
ESTIMATED: PROGRAM YR 7 (2008-2009)	3,277,195
	6,554,479
REQUESTED FUNDS THRU PROGRAM YR 7	**$4,789,223**

>>>>> **USE $4,789,30**

	PROJECTED EXPENDITURES		
	Prog. Yr 5	Prog. Yr 6	Prog. Yr 7
	2006-07	2007-08	2008-09
NRCS S&A[1]	$18,382	$22,583	$22,537
DNR S&A[1]	$27,573	$33,874	$33,805
DWF Activities			
Nutria Herbivory Survey	$93,000	$100,000	$100,000
General O&M Activities[2]	$500,000	$500,000	$500,000
Incentive Payments[3]	$1,800,000	$2,000,000	$2,000,000
Nutria Survey Report	$20,000	$20,000	$20,000
Contingency[4]	$600,000	$600,000	$600,000
COE Project Management	$801	$827	$853
TOTAL	$3,059,756	$3,277,284	$3,277,195

[1] S&A from original project budget estimate

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

[3] Incentive Payments may increase to $4.50/tail for Year 5 and $5.00 for Years 6 and 7.

[4]Contingency would allow incentive payment and collection if harvest exceeds 400,000/year nd cover other unforseen costs.

Decision:

Request for Yearly Incremental COE Administrative Funding for Projects in Phase II

CWPPRA Cash Flow Management

Anticipated Funding Requests by Fiscal Year

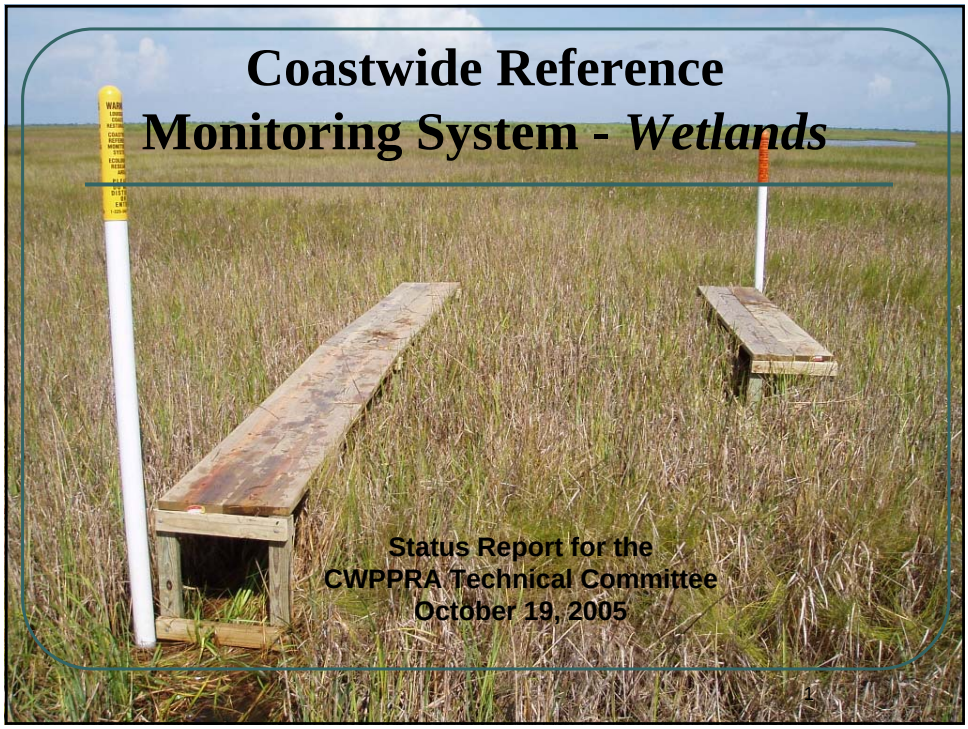
Last Updated 3 October 2005

Funding Request $ 14,495.00

Proj #	Project Name	Agency	PPL	Phase II Approved	**Oct-05**
PO-27	Chandeleur Island Restoration	NMFS	9	11-Jan-00	
TE-41	Mandalay Bank Protection Demo	USFWS	9	11-Jan-00	
MR-11	Periodic Intro of Sed & Nutrients Demo	COE	9	11-Jan-00	
TE-37	New Cut Dune Restoration	EPA	9	10-Jan-01	**869**
CS-30	Perry Ridge West	NRCS	9	10-Jan-01	**869**
TE-45	Terrebonne Bay Shore Protection Demo	USFWS	10	10-Jan-01	
CS-31	Holly Beach	NRCS	11	07-Aug-01	
BA-27c(1)	Baratatia Basin Landbridge - Ph 3 CU 3	NRCS	9	16-Jan-02	**841**
LA-03b	Coastwide Nutria	NRCS	11	16-Apr-02	**938**
BS-11	Delta Management at Fort St. Philip	USFWS	10	07-Aug-02	**855**
ME-19	Grand-White Lake Landbridge Protection	USFWS	10	07-Aug-02	**855**
TE-44(1)	North Lake Mechant Landbridge - CU 1	USFWS	10	07-Aug-02	
BA-27c(2)	Barataria Basin Landbridge - Ph 3 CU 4	NRCS	9	16-Jan-03	
TV-18	Four-Mile Canal	NMFS	9	16-Jan-03	**814**
LA-05	Freshwater Floating Marsh Creation Demo	NRCS	12	16-Jan-03	
TE-40	Timbalier Island Dune/Marsh Restoration	EPA	9	16-Jan-03	**814**
CS-29	Black Bayou Bypass Culverts	NRCS	9	14-Aug-03	**788**
CS-32(1)	East Sabine Lake Hydrologic Rest- CU 1	USFWS/NRCS	10	12-Nov-03	**882**
BA-37	Little Lake	NMFS	11	12-Nov-03	**908**
BA-38	Barataria Barrier Island	NMFS	11	28-Jan-04	**708**
BA-27d	Barataria Basin Landbridge - Ph 4 CU 6	NRCS	11	28-Jan-04	**881**
LA-06	Shoreline Prot Foundation Imprvts Demo	COE	13	28-Jan-04	
	CRMS	USGS/DNR	All	14-Aug-03	
ME-16	Freshwater Intro. South of Hwy 82	USFWS	9	13-Oct-04	**814**
TE-44(2)	North Lake Mechant Landbridge Rest - CU 2	USFWS	10	13-Oct-04	**759**
TE-48 (1)	Racoon Island Shoreline Protection - CU 1	NRCS	11	13-Oct-04	**759**
ME-22	South White Lake	COE	12	13-Oct-04	**1,141**

Decision:

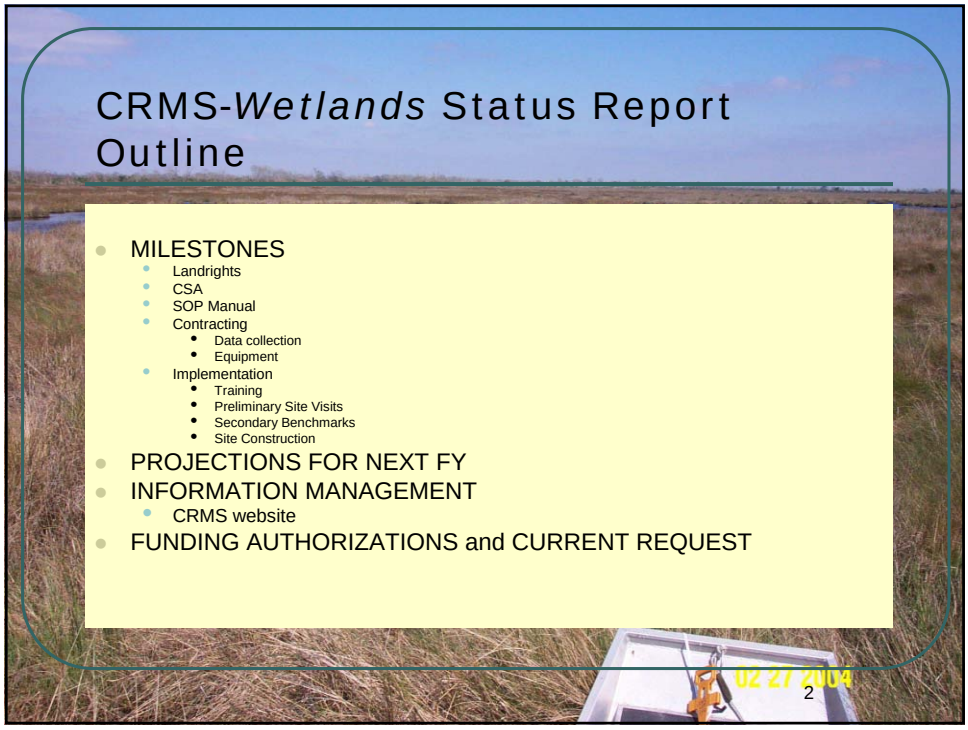
Request for FY09 Coastwide Reference Monitoring Sytem (CRMS)-Wetlands Monitoring Funds and Project Specific Monitoring Funds for Projects on PPLs 9 – 11



Coastwide Reference Monitoring System - *Wetlands*

Status Report for the
CWPPRA Technical Committee
October 19, 2005

1

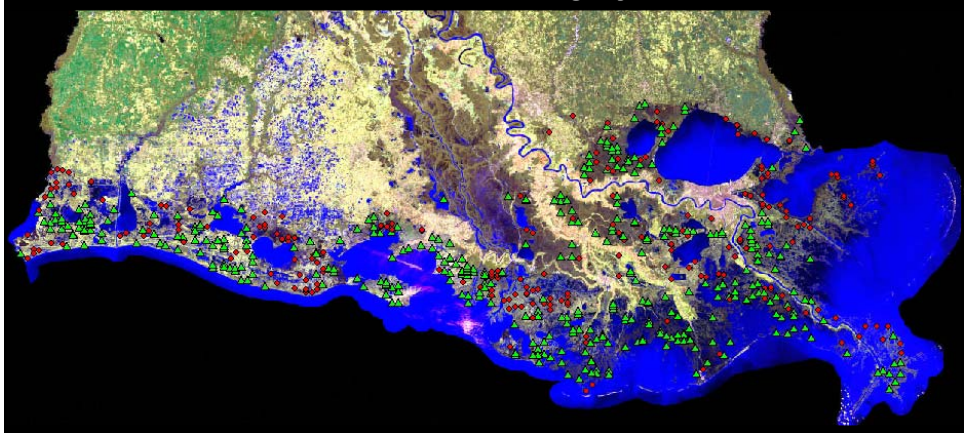


CRMS-*Wetlands* Status Report Outline

- MILESTONES
  - Landrights
  - CSA
  - SOP Manual
  - Contracting
    - Data collection
    - Equipment
  - Implementation
    - Training
    - Preliminary Site Visits
    - Secondary Benchmarks
    - Site Construction
- PROJECTIONS FOR NEXT FY
- INFORMATION MANAGEMENT
  - CRMS website
- FUNDING AUTHORIZATIONS and CURRENT REQUEST

2

Coastwide Reference Monitoring System - *Wetlands*



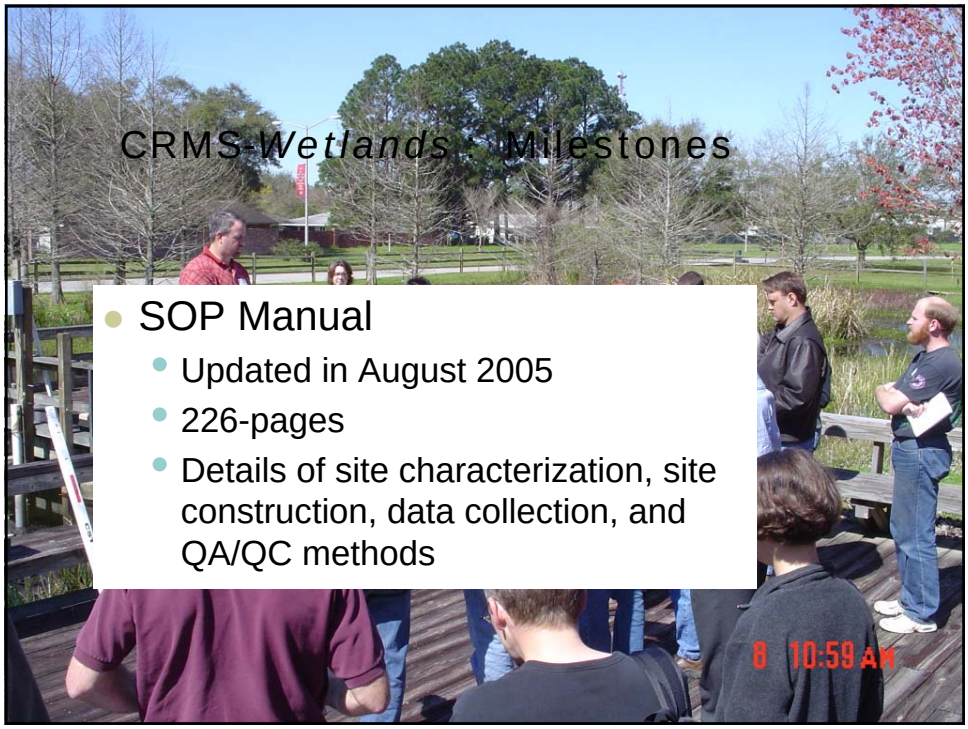
September 26, 2005 Landrights Status:

- ▲ **SECURED: 413**
- • **PENDING: 199**

LANDRIGHTS

CRMS-*Wetlands:* Milestones

- Cost Share Agreement
  - finalized on June 8, 2004
  - USGS is the Federal Sponsor



CRMS-*Wetlands*: Milestones

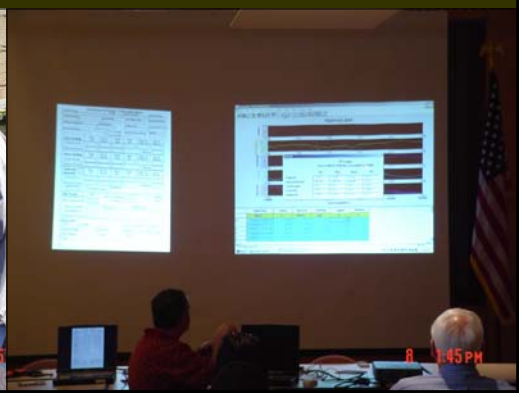
- SOP Manual
  - Updated in August 2005
  - 226-pages
  - Details of site characterization, site construction, data collection, and QA/QC methods

CRMS-*Wetlands:* Milestones

- Contracting
  - Data collection contractor, Coastal Estuary Services
  - Equipment contractor, Hach Environmental

CRMS-*Wetlands* : Implementation

- Training:
  - Hydrographic Equipment: March 8



CRMS-*Wetlands* : Implementation

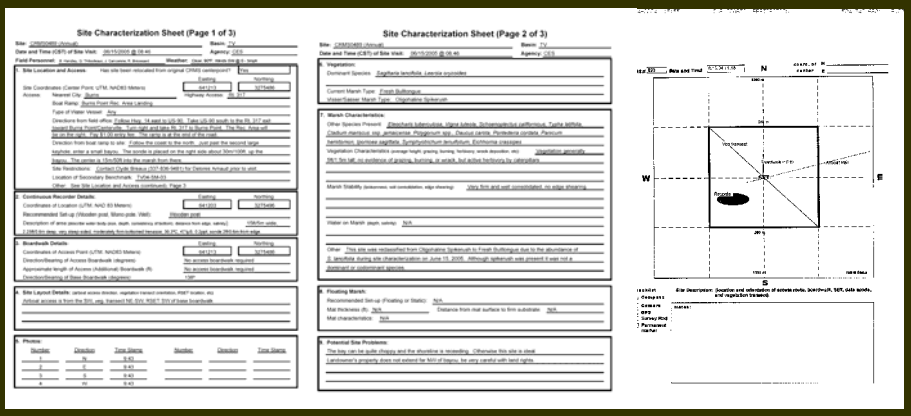
- Training:
  - Hydrographic Equipment: March 8
  - CRMS Site Visits and Construction: April 4-6

CRMS-*Wetlands* : Implementation

- Training dates:
  - Hydrographic Equipment: March 8
  - CRMS Site Visits and Construction: April 4-6

CRMS-*Wetlands* : Implementation

- Site Characterization Report: 141 completed to date



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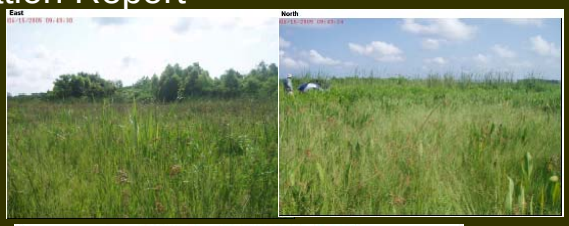
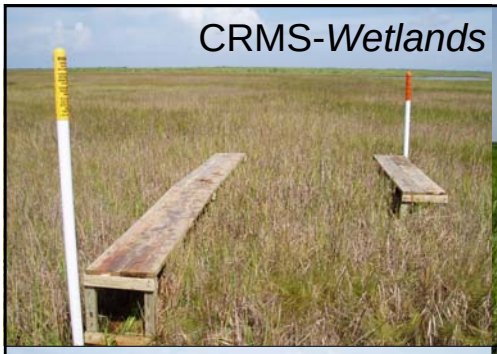
CRMS-*Wetlands* : Implementation

- Site Characterization Report



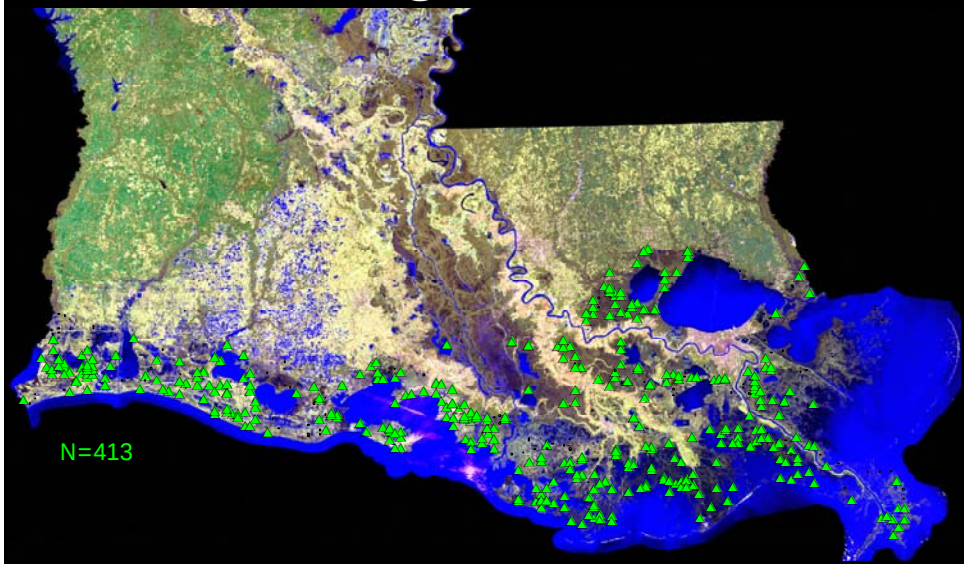
11

CRMS-*Wetlands* : Implementation

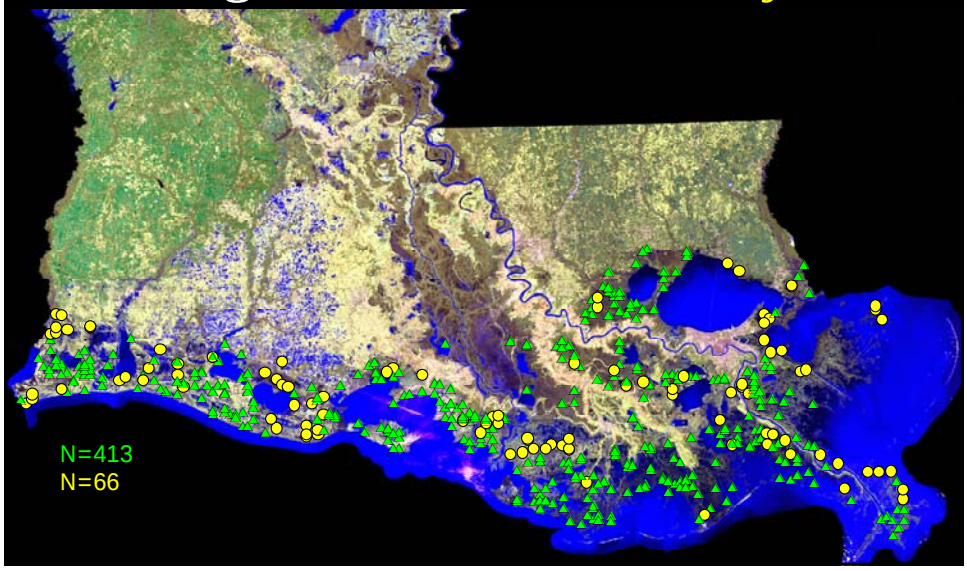


- Construction of sites began in July 2005
  - Approximately 40 sites constructed

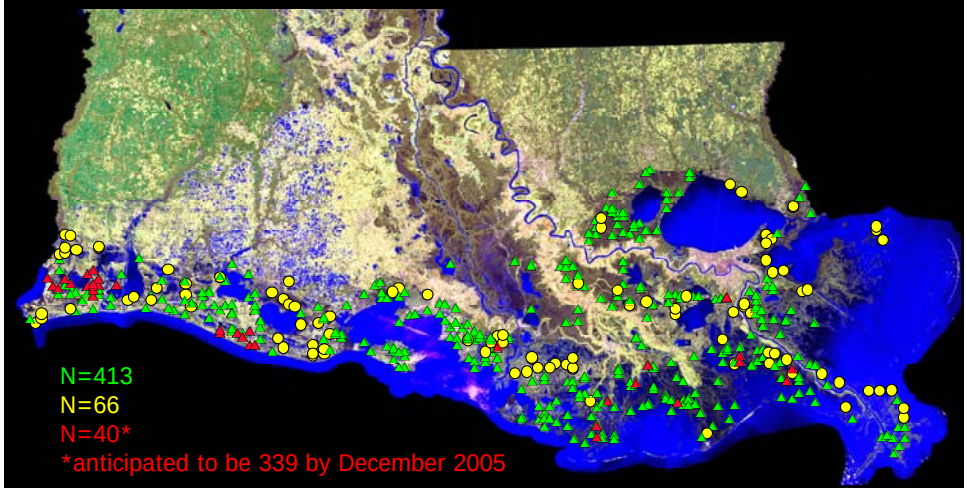
CRMS-*Wetlands:* Projections Landrights Secured



CRMS-*Wetlands:* Projections Landrights Secured and Projected



CRMS-*Wetlands:* Projections Landrights Secured, Projected, and Constructed



CRMS-*Wetlands:* Projections

- **Fall 2005:**
  - Collection of coastwide aerial photography and satellite imagery
- **December 2005:**
  - Landrights for Year 1 secured
- **March 2006:**
  - Construction of all year 1 sites completed
- **April 2006:**
  - Data collection for first year anticipated to begin (data will begin sooner if site construction is completed)

Dnr.louisiana.gov

DNR Coastal Restoration Monitoring Data - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://www/crm/coastres/monitoring.asp

DNR > OCRM > Coastal Restoration Division (CRD)

Louisiana.gov

CRD
- Home
- Contacts
- Monitoring Data
- Document Search
- GIS Maps

OCRM
- Home
- Physical Addresses
- News Releases
- Coastal Facts
- Careers
- Contacts
- Related Sites
- About OCRM

OCRM Divisions
- Coastal Engineering
- Coastal Management
- Coastal Restoration

Biological Monitoring Data

Hydrographic, surface elevation, and vegetation data collected by the LDNR / CRD Biological Monitoring Section are now available on-line. All downloaded files will be in zipped, 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 collecting data at 3 stations for a period of 5 years will contain approximately 131,400 records. Many typical spreadsheet programs will not be able to completely open a file of this size. For this reason, we recommend that hourly data be downloaded by station and not by project. The LDNR currently monitors over 125 stations throughout the coastal zone for hourly

LAcoast.gov

Coastwide Reference Monitoring System (CRMS) Overview - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://www.lacoast.gov/projects/overview.asp?statenumber=crms&submit=Submit

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- Other Restoration
  - Coast 2050

Home > Projects

Coastwide Reference Monitoring System (CRMS) Overview

Priority Project List: *NA*

Sponsors: LDNR, USGS

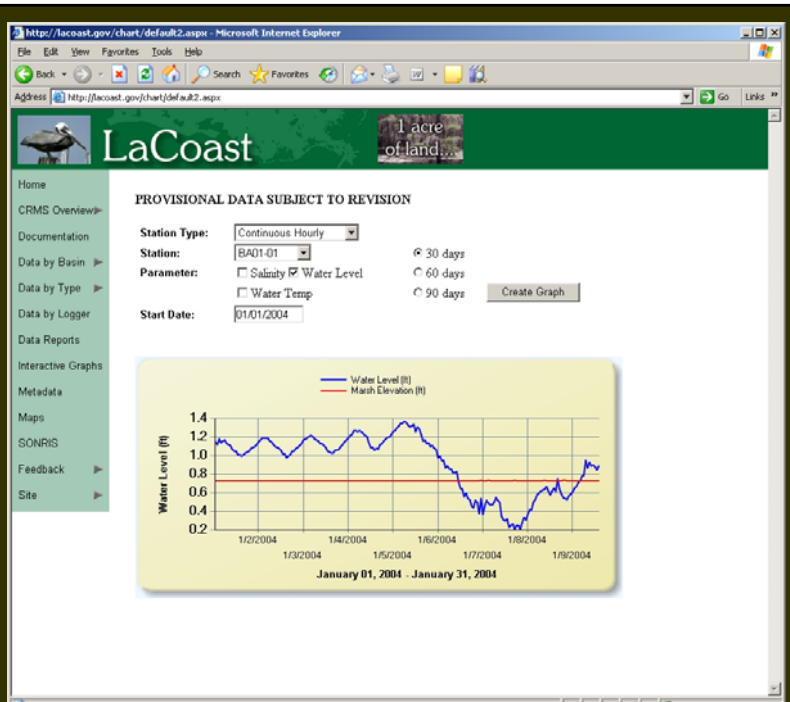
Parishes: Acadia, Ascension, Assumption, Calcasieu, Cameron, East Baton Rouge, Iberia, Iberville, Jefferson, Jefferson Davis, Lafayette, Lafourche, Livingston, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St. John the Baptist, St. Martin, St. Mary, St. Tammany, Tangipahoa, Terrebonne, Vermilion, West Baton Rouge

Reports:

- Office of Coastal Restoration and Management Quality Management Plan: 2003 (PDF 582 KB)
- Biological Monitoring Section Standard Operating Procedures (PDF 2.83 MB)
- A contractor's guide to minimum standards required by the Louisiana Department of Natural Resources, Coastal Restoration Division (PDF 2.45 MB)
- Quality management plan for Coastal Wetlands Planning, Protection, and Restoration Act monitoring program (PDF 1,004 KB)
- A proposed coast-wide reference monitoring system for evaluating wetland restoration trajectories in Louisiana (PDF 4.38 MB)
- Task 3 from Request For Proposal - Project Specific Station Location Maps (PDF 4.02 MB)
- SONRIS Database User Manual (PDF 174 KB)
- CRMS Project Managers' Technical Fact Sheet (HTML)

Maps:

No maps available



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CRMS-*Wetlands:* Authorizations and Current Request

AUTHORIZATIONS

• August 14, 2003: (2003-2006)	$12,397,506
– (PPL 1-8 and new funding)	
• January 28, 2004: (2007)	$3,101,357
• October 13, 2004: (2008)	$532,000
• **Total Auth. To Date:**	**$16,030,863**
• November 2, 2005: (2009)	$1,036,109
• **Total Anticipated Authorization**	**$17,066,972**

EXPENSES

• Expenses through FY05:	$532,000
• Expenses in FY06:	$1,036,109
• **Total Expenses To Date**	**$1,568,109**

PROJECT BALANCE

• Project Balance (available funds):	$14,462,754
• FY09 Request (based on FY06 Expenses):	$1,036,109
• **Anticipated Balance (pending approval):**	**$15,498,863**

02 27 2004

FY09 FUNDING REQUEST

CRMS	$1,036,109
TV-18 Four Mile Cut/Little Vermilion Bay	$28,903
Total	**$1,065,012**

Figure 1: CRMS0434 staff gauge and continuous recorder stations. Notice the vegetation on the electrical box.

Figure 3: CRMS0434 RSET station.

Figure 2: CRMS0434 boardwalk with missing board and warning sign post.

Figure 4: CRMS0375 continuous recorder and staff gauge post. Notice vegetation around the electrical box.

Figure 7: CRMS0374 boardwalk.

COASTAL
ESTORATION
OASTWIDE
EFERENCE
ONITORING
SYSTEM
COLOGICAL
RESEARCH
AREA
PLEASE
DO NOT
ISTURB
OR
ENTER
225-342-7308

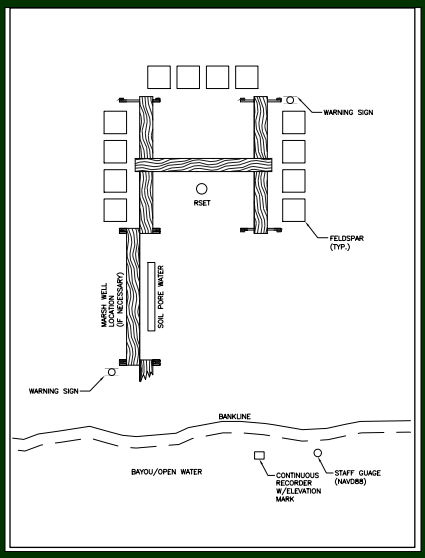
Site Features

SET Rod and Collar

Porewater Wells

Recently Burned

Site schematic and photos



Funding Year	Original CRMS Budget	Actual Request
2003-2006	12,397,506	12,397,506
2007	3,101,357	3,101,357
2008	2,225,823	532,000
2009	2,742,429	1,036,109
Total	**20,467,115**	**17,066,972**

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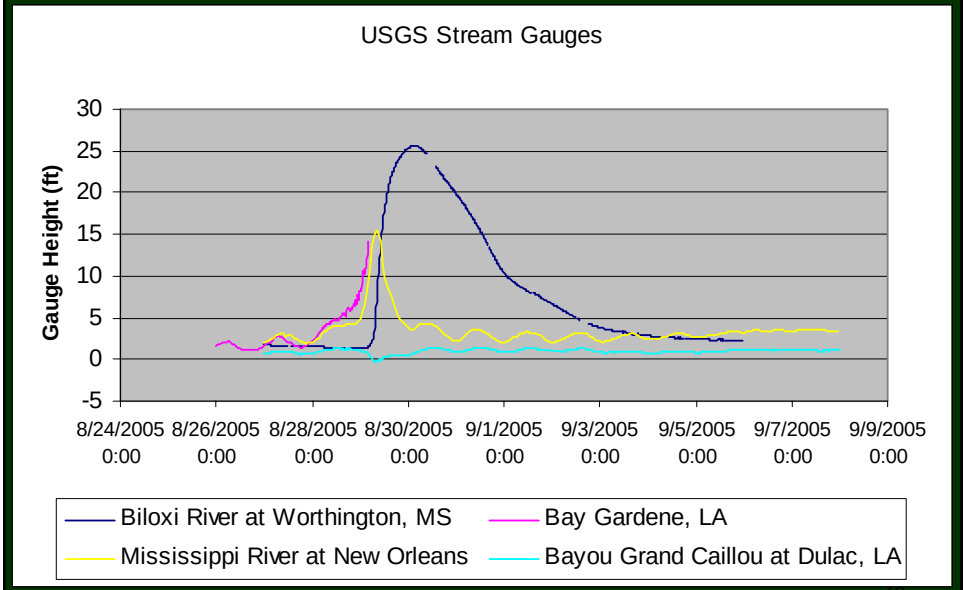

CRMS Milestones

- Landrights
  - 413 of 612 sites secured
- Cost Share Agreement
  - signed June 8, 2004
- Standard Operating Procedures Manual
  - finalized August 15, 2005
- Contractor Selection
  - secured February 1, 2005
- Data Collection Equipment
  - contract secured June 2005
- Secondary Benchmarks
  - installed 66 additional benchmarks in July and August 2005
- Contractor Training
  - phased training in March and August 2005
- Site Construction
  - began in July 2005

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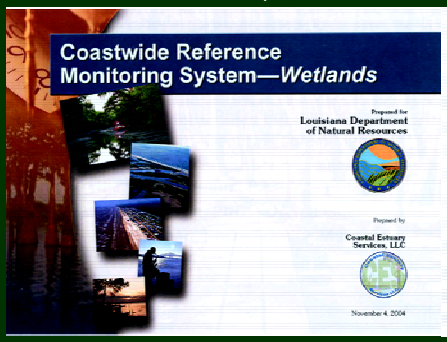
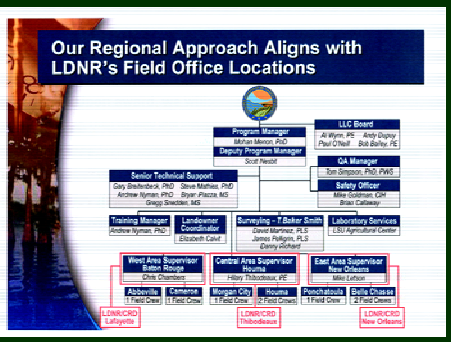
CRMS-*Wetlands* : Milestones

- Contractor: Coastal Estuary Services, LLC (CES; a partnership between Shaw and CH2MHILL). Awarded Feb 1, 2005.





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CRMS-*Wetlands* : Milestones

Contractor: Coastal Estuary Services, LLC (CES)

- Task 1: Preliminary Site Visits
  Site Characterization
  Site Construction
- Task 2: CRMS Data Collection
- Task 3: CWPPRA Project-Specific Data Collection for selected projects

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CRMS-*Wetlands* : Milestones

- Equipment supplier: Hach Environmental, Inc.
  Awarded June 8, 2005

HACH Environmental
Be Right. The Environment is Worth it.

Hydrolab Minisonde MS5

Custom-made
Rod-Surface Elevation Tables
&
Collars

OTT Thalimedes

32

Monnerjahn, Christopher J MVN

From: Richard Raynie [RickR@dnr.state.la.us]
Sent: Thursday, September 08, 2005 10:44 AM
To: LeBlanc, Julie MVN-ERO
Subject: Monitoring Funding Request

Julie,

Now that I have your new e-mail address... I hope that you and your family, and the others at the Corps are all safe and secure.

Attached is the budget request for Monitoring for CRMS and for the out-year PPL 9-11 projects that I should have sent you earlier in the week. I hear that the Tech Committee meeting has been postponed, but I am sure you still need the info.

Let me know if you need anything else.

Rick.

Rick Raynie
Louisiana Department of Natural Resources
Coastal Restoration Division
P.O. Box 44027
Baton Rouge, Louisiana 70804-4027

Ph: 225-342-9436
Fax: 225-242-3632
E-mail: Richard.Raynie@LA.GOV

Budget Request for CWPPRA Monitoring
CWPPRA Technical Committee Meeting
September 14, 2005

Out-year funding (2009)

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.

$ 28,903 TV-18 Four Mile Cut/Little Vermilion Bay (PPL 9)

Coastwide Reference Monitoring System – *Wetlands* (CRMS-*Wetlands*)

CRMS-Wetlands has been funded by previous Task Force authorizations through FY08. The following request is for out-year funding through FY-09.

$1,036,109 CRMS-*Wetlands* (replacement of expenditures from FY05)

CRMS-*Wetlands* Status Report Prepared for the
CWPPRA Technical Committee
September 14, 2005

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[b]:	Funding for 2009		$1,036,109[a]
TOTAL	**Funding 2003 through 2009**		**$17,066,972**

[a](request reduced to only cover expenses to date)
[b](anticipated)

Expenses from inception through June 30, 2005	
Administration and Supervision	$659,685
Landrights	$625,805
Other expenses (Includes Engineering, Equipment, Database Management, etc.)	$282,619
TOTAL Expenditures through June 30, 2005	**$1,568,109**

II. Status (landrights, CSA, contracting, equipment purchasing, training, station installation, and information management)

Landrights

The following is the landrights status as of August 11, 2005:

	Secured	Pending	Total
Annual	124	63	187
Year 1	83	60	143
Year 2	93	45	138
Year 3	77	67	144
Total	381	231	612

Cost Share Agreement (CSA)
The Cost Share Agreement (CSA) was finalized between the Federal Sponsor (USGS) and the State Sponsor (LDNR) on June 8, 2004. The CSA is for $8,738,226 (excluding $6,760,637 from existing PPL 1-8 projects) to cover Task Force-approved CRMS-*Wetlands* project costs for 2003 – 2007. The CSA budget will be amended with the next funding approval from the Task Force. The LDNR and USGS are jointly responsible for activities conducted under CRMS-*Wetlands*.

CRMS-*Wetlands* Standard Operating Procedures Manual
This 226-page manual, completed in August 2005, expands on the CWPPRA Quality Management Plan (Steyer et al. 2000) and outlines in significant detail activities and procedures for CRMS-*Wetlands* site construction, data collection, QA/QC, data processing, and deliverables requirements.

Contracting
A contract with Coastal Estuary Services, LLC (CES; a partnership between Shaw and CH2MHILL) was finalized on February 1, 2005, and covers a three year period at a cost of $13,264,314.

The contractor is responsible for three tasks:
Task 1: placement/configuration and construction of CRMS-*Wetlands* sites, including but not limited to installation of boardwalks, Rod-Surface Elevation Tables (RSETs), staff gauges, data collection equipment and warning signage and establishing reference elevation at each site,
Task 2: data collection, QA/QC and management at designated CRMS-*Wetlands* sites,
Task 3: servicing of equipment and data collection for the following project-specific monitoring plans: AT-02, AT-03, BA-01, BA-02, BA-03c, BA-04, BS-03a, BS-08, CS-20, CS-27, CS-31, ME-11, PO-24, TE-26, TE-28, TE-41, TE-44, and TV-14.

Equipment Purchasing
The successful bid to supply 1) electronic hydrographic data recorders, 2) Rod-Surface Elevation Tables (RSET), 3) collars for the RSET, and 4) shaft encoders for the floating marsh sites was from Hach Environmental for a total contract price of $729,747. Equipment is being ordered on an as-needed basis at a per-unit contract price.

Training
The LDNR and USGS conducted training of the trainers on October 19-21, 2004 to ensure agency consistency in the implementation of the CRMS-*Wetlands* field activities by CES staff. LDNR and USGS held several meetings and field training with CES staff in March and August 2005 to review site visit and characterization, site construction, and data collection and QA/QC methods. LDNR and USGS will QA/QC all phases of CRMS-*Wetlands* implementation by CES.

CRMS-*Wetlands* Task Initiation

Task 1 (characterization/construction of CRMS sites)

Approximately 141 CRMS sites have been visited by the contractor and Site Characterization Reports have been submitted. Of these sites, 90 have been approved for construction by DNR.

Approximately 66 benchmarks were installed in August 2005 in areas where no existing benchmarks are available for establishing elevations at CRMS sites. These benchmarks meet DNR engineering standards and will be incorporated into the LDNR vertical control network and will be available for use in other CWPPRA projects.

Task 2 (CRMS data collection)

Data collection will begin incrementally as sites are constructed under Task 1. The fall 2005 digital aerial photography flight has been planned by USGS and a contractor has been selected.

Task 3 (project-specific monitoring)

Project-specific data collection began on all selected projects in March 2005.

Information Management

The CRMS-*Wetlands* webpage on lacoast.gov will be linked to the DNR web portal, and serve as a centralized location for CWPPRA partners and other interested parties to access up to date data, reports, analyses, and other work products without having to wait for a project-specific or a semi-annual report. The temporal data will be available on the internet within 60-90 days after collection. The acquisition of the spatial products (photography/satellite imagery) will be available within 6 months from collection and the land:water analyses will be available within 15 months from the date of acquisition.

III. Projections

DNR Land Section has secured landrights at nearly 400 out of 612 sites. It is anticipated that approximately 490 sites will be secured by December 2005. Of these sites, approximately 93% of the first year and annual sites should be secured. Site visits and construction is anticipated for 339 sites by December 2005. Data collection will begin as soon as construction is completed with some sites beginning data collection as early as September 2005. All first year and annual sites are anticipated to be constructed and operational by March 2006.

Decision:

Request for Approval to Acquire Landrights During Phase I, and Request for Phase I Funding Increase to Support Acquisition of Landrights for PPL 11 River Reintroduction into Maurepas Swamp (PO-29)

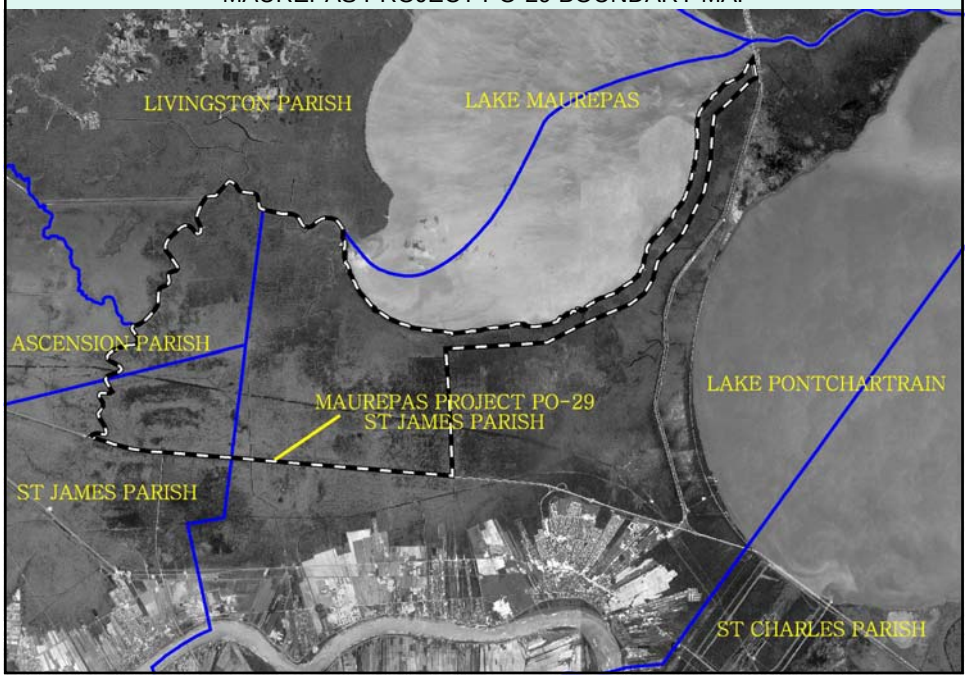
RIVER REINTRODUCTION INTO MAUREPAS SWAMP PROJECT PO-29

ST. JOHN THE BAPTIST PARISH
LOUISIANA

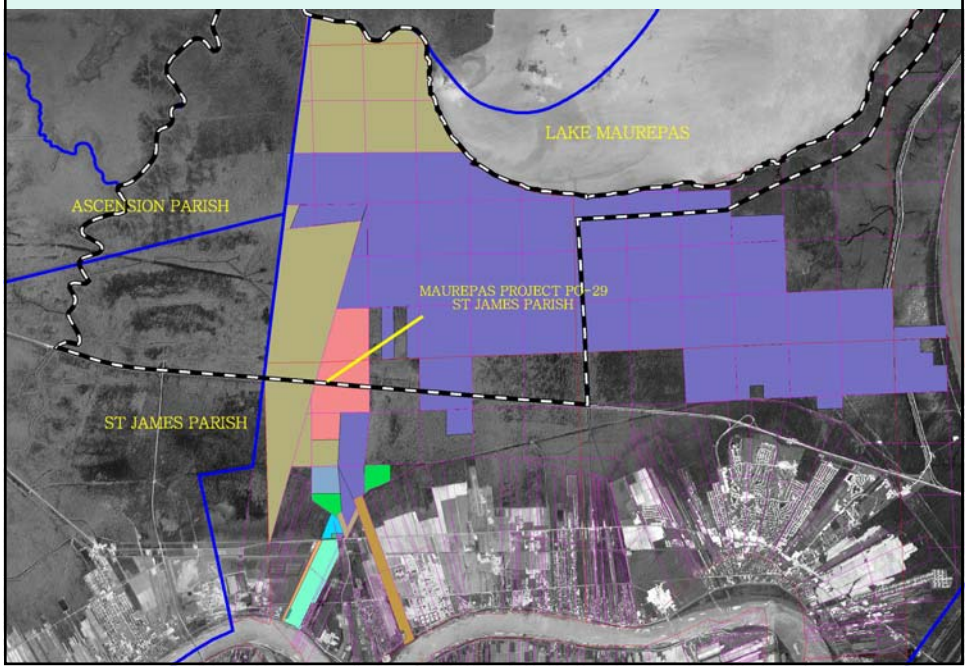
LDNR LANDRIGHTS ACQUISITION PLAN

9-30-05

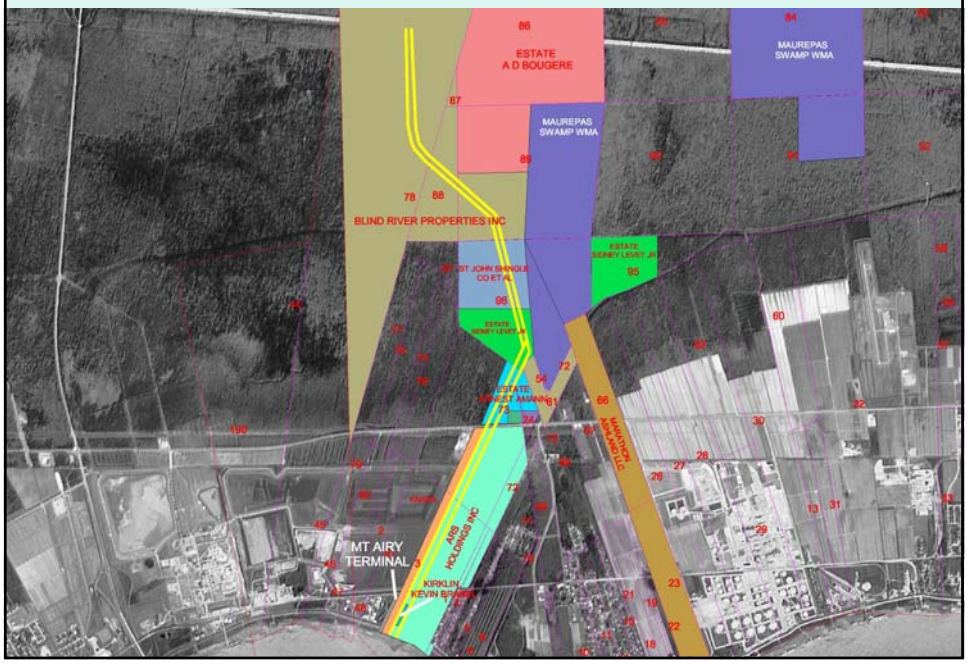
MAUREPAS PROJECT PO-29 BOUNDARY MAP



MAUREPAS PROJECT PO-29 LANDOWNERS



MAUREPAS PROJECT PO-29 CONVEYANCE CHANNEL LOCATION



REQUEST FOR LANDRIGHTS FUNDING PRIOR TO PHASE 2 – FACTS AND BUDGET

- CWPPRA SOP: G.(4.) "Real Estate for Cash-Flow Managed Projects: The purchasing of real estate shall not occur until Phase 2."
- CURRENT TOTAL PROJECT COST (TPC) $57.4MILLION
- CURRENT E&D COSTS $3.3MILLION
- REAL ESTATE COSTS <$1MILLION, ~ 1.75% TPC
- PROJECT REQUIRES ~5.3 MILES OF CHANNEL EASEMENTS OVER 6 SEPARATE OWNERS.

REQUEST FOR LANDRIGHTS FUNDING PRIOR TO PHASE 2 – RATIONALE

- The land rights and engineering tasks for this type of project should be concurrent efforts. We do not want to design the project only to find we can not build the project where intended.
- If there are unwilling sellers, we would need to expropriate the property, which could add years to the project schedule.
- We are not able to determine a landowner's true intentions until we can offer money.

River Reintroduction into Lake Maurepas Swamp Project PO-29

St. John the Baptist Parish, Louisiana

Plan for Acquiring Proposed Conveyance Canal Rights-of-Way

Assuming a start date of ??/??/??

Current Expenditures	Cost	Time in Days	Comments
Land Contractor Expenditures as of 8/1/2005	$ 53,780.00		Includes Appraisal Cost of $15,500 & update cost of $4300
Land Section Cost through 08/1/05 725.5 hours	$ 15,260.00		
Current Expenditures Total	$ 69,040.00		
Next Steps and/or Tasks			
1. Next step : Secure approvals from DNR and EPA to make offers and pay landowners for purchase easements (may require earnest money).	$ 3,500.00	60	Est. internal cost: legal & land specialist
Subtotal of days		60	
2. Upon approval by DNR & EPA notify all landowners in writing of the amount DNR is offering for the easements.			
a. Draft offers with all terms & conditions (outside counsel)	$ 10,000.00	21	
b. DNR Legal approval of offers as to form	$ 1,500.00	21	
c. Send offers out to landowners	$ 500.00	7	
d. Receive acceptance/rejection of offers	$ 500.00	21	
Subtotal of days		70	
3. If all offers are accepted, DNR will attempt to close all landowners' agreements at the same time.			
a. Draft purchase agreements	$ 10,000.00	21	
b. DNR legal approval of form.	$ 2,700.00	6	
c. Send agreements to Landowners	$ 500.00	6	
d. Negotiate any changes by landowners	$ 8,000.00	40	Est. internal cost: legal & land specialist
e. Approval by DNR of any changes	$ 2,000.00	21	
f. Send out purchase agreements.	$ 500.00	6	
Subtotal of days		100	
4. Conduct HTRW survey. **(done concurrenity with #3 above).**	?	45	EPA will do the HTRW survey
Subtotal of days		45	
5. Upon positive response from landowners DNR will immediately start abstracting for title opinions. **(done concurrently with #3 above)**			
a. Abstracting 5 tracts of land	$ 8,550.00	60	
b. Rendering title opinions	$ 12,000.00	60	
Subtotal of days		120	
6. Conduct title curative as necessary	$ 3,000.00	60	
Subtotal of days		60	
7. Send documents to landowners for execution and return to DNR		30	
Subtotal of days		30	
8. Have documents executed by DNR and Recorded	$ 1,500.00	30	
Subtotal of days		30	
Totals	$ 133,790.00	515	**350 actual days**

* Note that 515 days represents total work days. Item #4 & #5 run concurrently with item #3. The actual elapsed days is 350.

Cost Purchase of Conveyance Channel Easements (there is a possibility earnest money may be required to hold the tracts until all owners's agreements are negotiated	**Earnest Money/ Purchase Breakdown**	**Appraised Value**	**Approximate Relocation Costs**
Tract 1; Blind River Properties	$2,700.00	$2,700.00	
Tract 3; Estate of Sidney Levet, Jr. (13 people)		$ 6,800.00	
a. Earnest Money if necessary (20% minimum)	$ 1,360.00		
b. Purchase Cost of Tract less Earnest Money	$ 5,440.00		
Tract 5; St. John Shingle Co.		$ 8,200.00	
a. Earnest Money if necessary (20% minimum)	$ 1,640.00		
b. Purchase Cost of Tract less Earnest Money	$ 6,560.00		
Tract 6; Purchased in 2004 - Kevin Kirklin		$ 200,000.00	[redacted]
a. Earnest Money if necessary (20% minimum)	$ 40,000.00		
b. Purchase Cost of Tract less Earnest Money	$ 160,000.00		
Tract 7; ARS Holdings, Inc. (Mitsubishi Corporation)		$ 340,000.00	
a. Earnest Money if necessary (20% minimum)	$ 68,000.00		
b. Purchase Cost of Tract less Earnest Money	$ 272,000.00		
Tract 8; Estate of Ernest Amann (7 people)		$ 21,000.00	
a. Earnest Money if necessary (20% minimum)	$ 4,200.00		
b. Purchase Cost of Tract less Earnest Money	$ 16,800.00		
		$578,700.00	
Total Earnest Money Amount if necessary	$117,900.00		
Cost of Property less Earnest Money	$460,800.00		
Total Easement Costs (including relocation)		**$628,700.00**	
Total Estimated Land Costs		**$ 762,490.00**	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

JUN - 9 2005

Mr. Scott Angelle
Secretary
Louisiana Department of Natural Resources
P. O. Box 44027
Baton Rouge, LA 70804-4027

Dear Secretary Angelle:

I am writing to express my support for several interrelated decisions that our agencies should consider making in the near future related to the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) restoration project, *Mississippi River Reintroduction into the Maurepas Swamp* (PO-29). First, I support a request to the CWPPRA Task Force (Task Force) for approval to pursue acquisition of land rights under Phase I of this project, rather than the standard CWPPRA process of acquiring land rights during Phase II. Second, I support a request to the Task Force for funding necessary to support these acquisitions, currently estimated at $1 million. Third, if ultimately necessary, I will support efforts by the Louisiana Department of Natural Resources to acquire land rights by expropriation, but only as a "last resort," if all voluntary approaches fail.

As you know, our staffs have been working closely together to consider what is needed to move this project forward, the available options, and their implications. If you agree with me regarding these three issues, I look forward to our staffs continuing to work together to prepare us to bring these requests to the Task Force, and to proceed with land rights acquisitions if and when the Task Force grants our requests. Thank you for working so closely with us on this very important project, which as you know, is one of our best opportunities to protect and enhance coastal wetlands in Louisiana by restoring their connection with the Mississippi River.

Sincerely,

Miguel I. Flores
Director
Water Quality Protection Division

cc: Gerald M. Duszinski, Acting Assistant Secretary, LDNR
Helen Hoffpauir, Manager, Land Section, CRD, LDNR
Chris Williams, Project Manager-Engineer, Project Management Section, CED, LDNR

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KATHLEEN BABINEAUX BLANCO
GOVERNOR

State of Louisiana

SCOTT A. ANGELLE
SECRETARY

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF THE SECRETARY

July 31, 2005

Mr. Miguel I. Flores
Director
Water Quality Protection Division
Environmental Protection Agency, Region 6
1445 Ross Ave. Suite 1200
Dallas, TX 75202-2733

RE: River Reintroduction into Maurepas Swamp

Dear Mr. Flores:

We have received your letter concerning land rights acquisitions decisions our agencies should make as they relate to implementing the Coastal Wetlands Planning, Protection and Restoration (CWPPRA) project, River Reintroduction into Maurepas Swamp. Your letter indicated the approach your Agency would be willing to support to ensure this project is able to progress toward construction.

The Louisiana Department of Natural Resources (LDNR) agrees with the approach you have outlined in the letter. As you are aware, projects which have been constructed under CWPPRA, excluding some Corps of Engineers nominated projects, have done so with the permission of the land owners. If we were to reach an impasse with a landowner for the Maurepas Diversion project we may be forced to expropriate. However, it is the goal of LDNR to negotiate with the Maurepas project land owners and reach an amenable solution. We have held informal meetings with these landowners and the results of these meetings have been positive. Our (LDNR and EPA) next step in the process would be to approach the Task Force and seek special waiver and funds to purchase the land necessary for construction in Phase I rather than waiting until Phase II. Once this waiver and funds are granted we will start negotiating with project landowners.

P. O. BOX 94396 • BATON ROUGE, LA 70804-9396 • 617 N. THIRD STREET • 12TH FLOOR • BATON ROUGE, LA 70802
PHONE (225) 342-2710 • FAX (225) 342-5861 • WEB http://www.dnr.state.la.us
AN EQUAL OPPORTUNITY EMPLOYER

I will instruct my staff to keep EPA informed of the progress of the work and seek input from your staff when decisions need to be made.

Very truly yours,

Scott A. Angelle
Secretary

SAA:LCW:lcw

cc: Gerald M. Duszynski, OCRM Acting Assistant Secretary

Monnerjahn, Christopher J MVN

From: Teague.Kenneth@epamail.epa.gov
Sent: Tuesday, October 04, 2005 11:24 AM
To: Monnerjahn, Christopher J MVN
Cc: Mcquiddy.David@epamail.epa.gov; Chris Williams
Subject: FW: Potential Supporting Information for Technical Committee Binder

Please insert this into the Tech. Committee's briefing binder, in support of our agenda item on Maurepas landrights. I will also be separately forwarding a powerpoint presentation developed by DNR (which may change slightly) also for inclusion in the binder.

----- Forwarded by Kenneth Teague/R6/USEPA/US on 10/04/2005 11:16 AM -----

Chris Williams <chrisw@dnr.state.la.us>
10/04/2005 11:07 AM

To: Kenneth Teague/R6/USEPA/US@EPA
cc:
Subject: FW: Potential Supporting Information for Technical Committee Binder

-----Original Message-----
From: Helen K. Hoffpauir
Sent: Tuesday, October 04, 2005 11:07 AM
To: Chris Williams
Subject: RE: Potential Supporting Information for Technical Committee Binder

DNR and EPA are in concurrence that acquisition of landrights for the PO-29 Maurepas project will require different handling and procedures. In essence, the project requires acquisition of approximately 5.3 miles of conveyance channel easement. In order to effectively design the project, the channel alignment must be secured. To design the project with only the "hope" of acquiring the easement would be a very risky endeavor, and could potentially lead to a loss of several million dollars if the alignment cannot be purchased readily, and/or if any of the easements would have to be expropriated. The DNR has never purchased or expropriated easements, and since quick-take expropriation is not available on this project, that process, should it be necessary, could take several years. That is the rationale behind requesting landrights acquisition funds prior to request for Phase 2 total funding request.

Helen

Decision:

Proposed Changes to the CWPPRA Standard Operating Procedures (SOP), Demonstration Project Appendix

APPENDIX E
DEMONSTRATION PROJECT SOP
(DRAFT - P&E Recommendation to Tech Committee – 22 Aug 05)

Coastal Wetlands Planning, Protection and Restoration Act Standard Operating Procedures for Demonstration Projects

I. Introduction:

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."

II. What constitutes a demonstration project:

A. Demonstration projects contain technology that has not been fully developed for routine application in coastal Louisiana or in certain regions of the coastal zone.

B. Demonstration projects contain new technology which can be transferred to other areas of the coastal zone.

C. Demonstration projects are unique and are not duplicative in nature.

III. Submission of candidate demonstration projects:

A. Demonstration projects are nominated each year at the four Regional Planning Team (RPT) meetings. At that time, the RPTs will not vote on which demonstration projects will become official demonstration project nominees. One coast-wide RPT voting meeting will be held after the individual RPT meetings to present and vote for demonstration project nominees. At that meeting, the RPTs will select up to six demonstration project nominees. A lead Federal agency will be assigned to each demonstration project nominee to prepare preliminary supporting information (fact sheet, figures, drawings, etc.). Demonstration project nominees will be reviewed by the Environmental and Engineering Work Groups to verify that they meet demonstration project criteria. Subsequent to

Work Group review, the Technical Committee will select up to three demonstration project candidates for detailed assessment by the Work Groups.

B. The Engineering and Environmental Work Groups will evaluate all candidate demonstration projects (see item IV below). At the time of the project evaluation, an information packet must be submitted which includes the following: 1) a possible location for the project; 2) the problem or question being addressed; 3) the goals of the project; 4) the proposed project features; 5) the monitoring plan to evaluate the project's effectiveness; 6) costs for construction and monitoring; and 7) a discussion of the Demonstration Project Evaluation Parameters (see below). No Wetland Value Assessments (WVA) will be performed on candidate demonstration projects.

C. CWPPRA projects are designed and evaluated on a 20-year project life. However, demonstration projects are unique and each project must be developed accordingly. A specific plan of action must be developed, and operation and maintenance (if applicable) and project monitoring costs included. Monitoring plans are developed to evaluate the demonstration project's technique and the wetland response. Monitoring plans should provide sufficient details of the status of all constructed features of the project such that the performance of all engineered features can be determined. Monitoring should be only long enough to evaluate the demonstration project's performance and may be less than 20 years.

IV. Evaluation of candidate demonstration projects:

A. The Engineering and Environmental Work Groups will conduct a joint meeting, during the annual evaluation of candidate projects, to evaluate all demonstration projects. The lead Federal agency will present the information packet described in III B above to the CWPPRA work groups. Each candidate demonstration project will be evaluated and compared to other demonstration projects based on the following evaluation parameters:

Demonstration Project Evaluation Parameters

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.

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.

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.

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.

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.

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 to completely replace an existing technique at a lower cost and without reducing wetland benefits should receive the highest scores.

The Work Groups will prepare a joint evaluation for submission to the Planning and Evaluation Subcommittee outlining the merits of each project and stating how well each project meets each of the evaluation parameters.

B. The Engineering Work Group will review costs to ensure consistency and adequacy; address potential cost-effectiveness; compare the cost of the demonstration project to the cost of traditional or other methods of achieving project objectives, when such information is available; and report the pros and cons of the demonstration vs. traditional or other methods. The Engineering Work Group will check monitoring costs with the Monitoring Work Group Chairman.

C. The Planning and Evaluation Subcommittee will present information on the demonstration projects at the public meetings that are held to present the results of the annual evaluation of candidate projects, including any such meetings of the Technical Committee or the Task Force.

V. Funding approval:

A. Demonstration projects shall be considered for funding on an annual basis as (a) part(s) of a priority project list (i.e., October budgeting meeting). Demonstration projects follow non-cash flow procedures and are capped at 100%. However, agencies may choose to employ cash flow procedures if they believe it is necessary to maintain consistent accounting procedures or if they believe it would improve dissemination of project information to the Task Force and public.

VI. Engineering and design:

A. Project Workplan: Federal and State Sponsors shall develop a plan of work for accomplishing all engineering and design tasks. This plan shall

include, but not be limited to: a detailed task list, time line with specific milestones, and budget which breaks out specific tasks such as geo-technical evaluations, hydrological investigations, modeling, environmental compliance (cultural resources, NEPA, and HTRW), surveying, and other items deemed necessary to justify the proposed project features. The plans shall be developed within 3 months following funding approval and shall be reviewed by the P&E Subcommittee.

B. Design Review Conference:
The Federal and Local Sponsors shall hold a "Design Review Conference" with the other Agencies upon completion of a Preliminary Design Report (PDR), to allow the other Agencies an opportunity to comment on the proposed design of the project. The other Agencies shall be notified by the Federal Sponsor at least four weeks prior to the conference of the date, time and place and invited to attend. The PDR shall be forwarded to the other Agencies for their review, with receipt two weeks prior to the conference. Invitations and supporting data shall be sent to agency representatives of the Technical Committee, Planning and Evaluation Subcommittee, Project Manager of the Local Sponsor and the Governor's Office of Coastal Activities.

The Preliminary Design Report shall include; 1) recommended project features, 2) a discussion of the project location reviewed/approved by the Engineering and Environmental Work Groups, 3) engineering and design surveys, 4) engineering and design geotechnical investigation (borings, testing results, and analysis), 5) land ownership investigation, 6) preliminary cultural resources assessment, 7) revised project construction cost estimates based on the current design, 8) description of changes since funding approval, and 9) a detailed monitoring plan.

This review will verify the viability of the project and whether or not the Federal and Local Sponsors agree to continue with the project. This review must indicate the project is viable before there are expenditures of additional funds.

After the conference, the Federal Sponsor shall forward a letter (or e- mail) summarizing the results of the Design Review Conference to the Technical Committee with a copy to the Planning and Evaluation Subcommittee. It should include the revised estimate, a description of project revisions from the previously authorized project, and a letter of concurrence from the Local Sponsor agreeing to continue with the project. The Technical Committee may make a recommendation on whether or not to continue with the project.

C. Final Design Report: A Final Design Report and a set of Plans and Specifications shall be submitted to the Technical Committee and Planning and Evaluation Subcommittee prior to requesting permission from the

Technical Committee (with subsequent approval by the Task Force) to proceed to construction. The Final Design Report shall include; 1) project features and location, 2) a revised project cost estimate (fully-funded, approved by the Economic Work Group), 3) a description of how the project differs in cost and features since funding approval, 4) final monitoring plan, 5) responses to comments brought up at the Design Review Conference, and 6) all supporting data.

VII. Reporting of results:

A. The sponsoring agency will prepare a report for the Technical Committee as soon as meaningful results of the demonstration project are available. The report will describe the initial construction details, including actual costs and the current condition of all constructed features. The report will summarize the results and assess the success or failure of the project and its applicability to other similar sites. The sponsoring agency will prepare follow-up reports for the Technical Committee if and when more information becomes available.

Monnerjahn, Christopher J MVN

From: LeBlanc, Julie Z MVN
Sent: Friday, August 26, 2005 8:27 AM
To: Podany, Thomas J MVN; Breerwood, Gregory E MVN; Hicks, Billy J MVN; Monnerjahn, Christopher J MVN; 'comvss@lsu.edu'; 'daniel.llewellyn@la.gov'; 'darryl_clark@fws.gov'; 'finley_h@wlf.state.la.us'; 'gabrielle_bodin@usgs.gov'; Rauber, Gary W MVN; Browning, Gay B MVN; Miller, Gregory B MVN; 'gsteyer@usgs.gov'; 'john.jurgensen@la.usda.gov'; 'jonathanp@dnr.state.la.us'; 'kevin_roy@fws.gov'; 'mcquiddy.david@epa.gov'; Goodman, Melanie L MVN; 'pat.forbes@GOV.STATE.LA.US'; 'philp@dnr.state.la.us'; 'Rachel.Sweeney@noaa.gov'; 'ruiz_mj@wlf.state.la.us'; 'scott_wilson@usgs.gov'; Keen, Steve E MVN; Hawes, Suzanne R MVN; Podany, Thomas J MVN; Browning, Gay B MVN; Goodman, Melanie L MVN; Radding, Rose MVN; Constance, Troy G MVN; Martinez, Wanda R MVN
Subject: RE: CWPPRA Demo SOP Proposed Revision

P&E Subcommittee:

No changes were made to the modified demo SOP during our face-to-face P&E meeting yesterday. The unmodified attached version will be presented to the Technical Committee for review and approval on **14 Sep 05**. Thanks to all for your assistance.

CWPPRA Demo SOP APPENDIX E DRA...

Julie Z. LeBlanc
U. S. Army Corps of Engineers
(504) 862-1597

-----Original Message-----
From: LeBlanc, Julie Z MVN
Sent: Tuesday, August 23, 2005 5:35 PM
To: Podany, Thomas J MVN; Breerwood, Gregory E MVN; Hicks, Billy J MVN; Monnerjahn, Christopher J MVN; 'comvss@lsu.edu'; 'daniel.llewellyn@la.gov'; 'darryl_clark@fws.gov'; 'finley_h@wlf.state.la.us'; 'gabrielle_bodin@usgs.gov'; Rauber, Gary W MVN; Browning, Gay B MVN; Miller, Gregory B MVN; 'gsteyer@usgs.gov'; 'john.jurgensen@la.usda.gov'; 'jonathanp@dnr.state.la.us'; 'kevin_roy@fws.gov'; 'mcquiddy.david@epa.gov'; Goodman, Melanie L MVN; 'pat.forbes@GOV.STATE.LA.US'; 'philp@dnr.state.la.us'; 'Rachel.Sweeney@noaa.gov'; 'ruiz_mj@wlf.state.la.us'; 'scott_wilson@usgs.gov'; Keen, Steve E MVN; Hawes, Suzanne R MVN; Podany, Thomas J MVN; Browning, Gay B MVN; Goodman, Melanie L MVN; Radding, Rose MVN; Constance, Troy G MVN; Martinez, Wanda R MVN
Subject: RE: CWPPRA Demo SOP Proposed Revision

P&E Subcommittee:

Thanks to all agencies for your concurrence on the revised Demo SOP Appendix. I've attached a clean version (with all redline/strikeout accepted) for your information. The P&E-recommended changes to the demo SOP will be presented to the Technical Committee on 14 Sep 05 for their review and approval.

The only comment that I received from P&E members that we *may* want to discuss as a committee asked if there is really a need for two design reviews for demos. This was a comment from NMFS. Rachel thinks that a preliminary design review should probably suffice, but, she supported the proposed changes since none of the other agencies found two reviews excessive. Since the P&E Subcommittee is meeting on Thursday...I'd like to spend a few minutes at the beginning of the budget meeting discussing the SOP and the need for two design reviews. We can decide as a committee if we want to recommend the changes as attached or modify to address NMFS' comment.

<< File: CWPPRA Demo SOP APPENDIX E DRAFT-PErecommendation-22Aug05.doc >>

Julie Z. LeBlanc
P&E Subcommittee Chair
(504) 862-1597

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

From: LeBlanc, Julie Z MVN
Sent: Friday, August 12, 2005 11:20 AM
To: Podany, Thomas J MVN; Breerwood, Gregory E MVN; Billy Hicks; Christopher Monnerjahn; comvss@lsu.edu; daniel.llewellyn@la.gov; darryl_clark@fws.gov; finley_h@wlf.state.la.us; gabrielle_bodin@usgs.gov; Gary Rauber; Gay Browning; Gregory Miller; gsteyer@usgs.gov; john.jurgensen@la.usda.gov; jonathanp@dnr.state.la.us; kevin_roy@fws.gov; mcquiddy.david@epa.gov; Melanie Goodman; pat.forbes@GOV.STATE.LA.US; philp@dnr.state.la.us; Rachel.Sweeney@noaa.gov; ruiz_mj@wlf.state.la.us; scott_wilson@usgs.gov; Steve Keen; Suzanne Hawes; Thomas Podany; Gay Browning; Melanie Goodman; Rose Radding; Troy Constance; Wanda Martinez
Subject: FW: CWPPRA Demo SOP Proposed Revision

P&E Subcommittee:

The below email from Mr. Chris Monnerjahn discusses the attached redline/strikeout version of Appendix E to the CWPPRA SOP (Demonstration Projects). As you may recall, modifications to the subject SOP were up for a decision at the 8 Jun 05 Technical Committee meeting agenda, however, a final decision was not made regarding acceptance of the incorporated changes. These initial changes were clarifications/changes to implementation procedures drafted by the Workgroup Chairs (a direct result of the 10 Mar 05 P&E Subcommittee meeting). The attached document also includes changes to incorporate the 27 Jul 05 Task Force decision on the final process for PPL16. This final PPL16 process moves up the nomination of demos to coincide with the RPT meetings in January/Feb.

<< File: CWPPRA Demo SOP APPENDIX E DRAFT-WG chair-changes 12 Aug 05.doc >>
We will once again attempt to adopt changes to the Demo SOP at the upcoming 14 Sep 05 Technical Committee meeting. To achieve this goal, **P&E Subcommittee members are asked to review and comment on the attached appendix by COB, Friday, 19 Aug 05.** If needed, the P&E can discuss any issues with the changes during the 25 Aug 05 Planning Budget meeting. This will allow for revisions and final approval of the appendix by the P&E on 26 Aug 05. A P&E recommendation will be made at the 14 Sep 05 Technical Committee meeting.

Julie Z. LeBlanc
U. S. Army Corps of Engineers
(504) 862-1597

-----Original Message-----
From: Monnerjahn, Christopher J MVN
Sent: Wednesday, August 10, 2005 2:27 PM
To: LeBlanc, Julie Z MVN
Cc: Monnerjahn, Christopher J MVN; 'Kevin Roy @ FWS'
Subject: RE: CWPPRA Demo SOP Proposed Revision

Julie,
Kevin Roy and I have taken the latest proposed revisions to the DEMO SOP and modified it further to include changes to the demo nomination process for PPL 16 as was approved by the Task Force on July 27, 2005. I am including the edited version below for the P&E's review and finalization. I believe NMFS(Rachel S.) at the least still had some unresolved comments on this. Perhaps we could discuss and finalize it at the P&E meeting after the planning budget on August 25th so that it can accepted by the TC at the upcoming meeting (if need be).

Thanks,

Chris Monnerjahn
Chairman, CWPPRA Engineering WG
Coastal Restoration Branch
U.S.A.C.E., New Orleans District
Christopher.J.Monnerjahn@mvn02.usace.army.mil
Work: (504)862-2415 Cell: (504)214-7839

-----Original Message-----
From: LeBlanc, Julie Z MVN
Sent: Monday, June 06, 2005 6:45 PM
To: Monnerjahn, Christopher J MVN; 'comvss@lsu.edu'; 'daniel.llewellyn@la.gov'; 'darryl_clark@fws.gov'; 'finley_h@wlf.state.la.us'; 'gabrielle_bodin@usgs.gov'; Rauber, Gary W MVN; Browning, Gay B MVN; Miller, Gregory B MVN; 'gsteyer@usgs.gov'; 'john.jurgensen@la.usda.gov'; 'jonathanp@dnr.state.la.us'; 'kevin_roy@fws.gov'; 'mcquiddy.david@epa.gov'; Goodman, Melanie L MVN; 'pat.forbes@GOV.STATE.LA.US'; 'philp@dnr.state.la.us';

'Rachel.Sweeney@noaa.gov'; 'ruiz_mj@wlf.state.la.us'; 'scott_wilson@usgs.gov'; Keen, Steve E MVN; Hawes, Suzanne R MVN; Podany, Thomas J MVN
Subject: RE: CWPPRA Demo SOP Proposed Revision

P&E Subcommittee:

To date, I have received comments from the Corps (Sue Hawes), LDNR (Dan Llwellyn) and NMFS (Rachel Sweeney) on the Workgroup Chairmen's proposed changes to the Demo Project Appendix to the CWPPRA SOP. I have incorporated as many of the comments that lend themselves to redline/strikeout of the document. The document is attached for P&E review/concurrence with the changes. However, since Rachel's comments do not lend themselves to direct incorporation into the document (without consensus of the P&E), I may be unable to achieve my goal of having a "P&E recommended" revision to Appendix E to submit to the Technical Committee for approval...without some discussion at the meeting.

Additional issues brought up by Ms. Sweeney include:
- NMFS believes that posting a preliminary design report for agency review may be more appropriate than holding a conference
- The need for ranked factors is important. NMFS recommends that each factor (innovativeness, environmental benefit), be ranked high, med, or low (or 1, 2, or 3)
- NMFS may recommend that demonstration nominees be limited to one per agency

<< File: Tab4-CWPPRA Demo SOP APPENDIX E 6-8-05 PErecomm.doc >>
Seeing that we will likely require additional discussion at the Technical Committee meeting (and will not have a 100%-agreed-to-P&E-recommendation), I ask that P&E members: (1) review the attached redline/strikeout version of the appendix and be prepared to concur or discuss additional changes, and (2) be prepared to discuss Ms. Sweeney's issues at the meeting, and (3) be prepared to discuss any additional changes that you believe are warranted. Thanks for your continued assistance. If we cannot have a P&E recommendation for the Technical Committee...at least we can try to come to a final consensus during the meeting and then can finalize the appendix thereafter.

Julie Z. LeBlanc
Chairman, CWPPRA P&E Subcommittee
(504) 862-1597

-----Original Message-----
From: LeBlanc, Julie Z MVN
Sent: Wednesday, June 01, 2005 4:38 PM
To: Monnerjahn, Christopher J MVN; 'comvss@lsu.edu'; 'daniel.llewellyn@la.gov'; 'darryl_clark@fws.gov'; 'finley_h@wlf.state.la.us'; 'gabrielle_bodin@usgs.gov'; Rauber, Gary W MVN; Browning, Gay B MVN; Miller, Gregory B MVN; 'gsteyer@usgs.gov'; 'john.jurgensen@la.usda.gov'; 'jonathanp@dnr.state.la.us'; 'kevin_roy@fws.gov'; 'mcquiddy.david@epa.gov'; Goodman, Melanie L MVN; 'pat.forbes@GOV.STATE.LA.US'; 'philp@dnr.state.la.us'; 'Rachel.Sweeney@noaa.gov'; 'ruiz_mj@wlf.state.la.us'; 'scott_wilson@usgs.gov'; Keen, Steve E MVN; Hawes, Suzanne R MVN; Podany, Thomas J MVN
Subject: RE: CWPPRA Demo SOP Proposed Revision

P&E Subcommittee:

I've been informed that some agencies will not be able to comment on the proposed SOP revisions before the binders must go out tomorrow. THEREFORE, the Corps will send out the DRAFT version as submitted by Kevin and Chris (without Sue's recommended changes since we know there will likely be other comments from other agencies that will need to be incorporated). The plan will be for the P&E to submit/review comments between now and the meeting on Wednesday, 8 Jun 05 so that we (the P&E Subcommittee) can make a recommendation to the Technical Committee on recommended revisions to the demo appendix to the SOP. If, by chance, the P&E cannot reach consensus on the demo appendix revisions BEFORE the Technical Committee meeting, the Corps will pull the item from the Technical Committee agenda and will add it to the September agenda for decision.

If any P&E member does NOT believe that they will be able to provide comments by Friday this week (3 Jun 05) so that the Corps can circulate a revised document on Monday and ask for review of the changes by Tuesday...PLEASE LET ME KNOW ASAP and we will not attempt to include this item on the agenda.

Julie

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

From: LeBlanc, Julie Z MVN
Sent: Friday, May 27, 2005 11:26 AM
To: Christopher Monnerjahn; comvss@lsu.edu; daniel.llewellyn@la.gov; darryl_clark@fws.gov; finley_h@wlf.state.la.us; gabrielle_bodin@usgs.gov; Gary Rauber; Gay Browning; Gregory Miller; gsteyer@usgs.gov; john.jurgensen@la.usda.gov; jonathanp@dnr.state.la.us; kevin_roy@fws.gov; mcquiddy.david@epa.gov; Melanie Goodman; pat.forbes@GOV.STATE.LA.US; philp@dnr.state.la.us; Rachel.Sweeney@noaa.gov; ruiz_mj@wlf.state.la.us; scott_wilson@usgs.gov; Steve Keen; Suzanne Hawes; Thomas Podany
Subject: FW: CWPPRA Demo SOP Proposed Revision

P&E Subcommittee:

As discussed/assigned at the 10 Mar 05 P&E Subcommittee meeting, the Engineering and Environmental Workgroup Chairmen have made suggested changes to the Demonstration Appendix to the SOP. See below email from Mr. Monnerjahn, Engineering Workgroup Chairman.

To aid in your memory of what we decided in March, I've attached the minutes of the P&E meeting. The demonstration project appendix is discussed on pages 1 and 2.
<< File: Minutes of P&E-SOPmtg-10mar05.doc >>
<< File: Minutes of P&E-SOPmtg-10mar05.doc >>
Yes, we are late in getting this submission from the Workgroup Chairmen (one of the Chairman does admit personal fault)...however, the goal is still to include this on the July Technical Committee agenda for discussion/decision. Please review and provide comments ASAP...before COB, 1 Jun 05, if possible. If P&E Subcommittee review is NOT complete by the time Technical Committee binders must be Fed-Ex'd out, the Corps will include this draft version and will present the final version to the Technical Committee on 8 Jun 05. I am sorry to say that the markup is NOT redline/strikeout, so it will need to be compared to the existing document to see suggested changes.

Julie Z. LeBlanc
P&E Subcommittee Chairman
U. S. Army Corps of Engineers
(504) 862-1597

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

From: Monnerjahn, Christopher J MVN
Sent: Friday, May 27, 2005 11:01 AM
To: LeBlanc, Julie Z MVN
Cc: Monnerjahn, Christopher J MVN; 'Kevin Roy @ FWS'
Subject: CWPPRA Demo SOP Proposed Revision

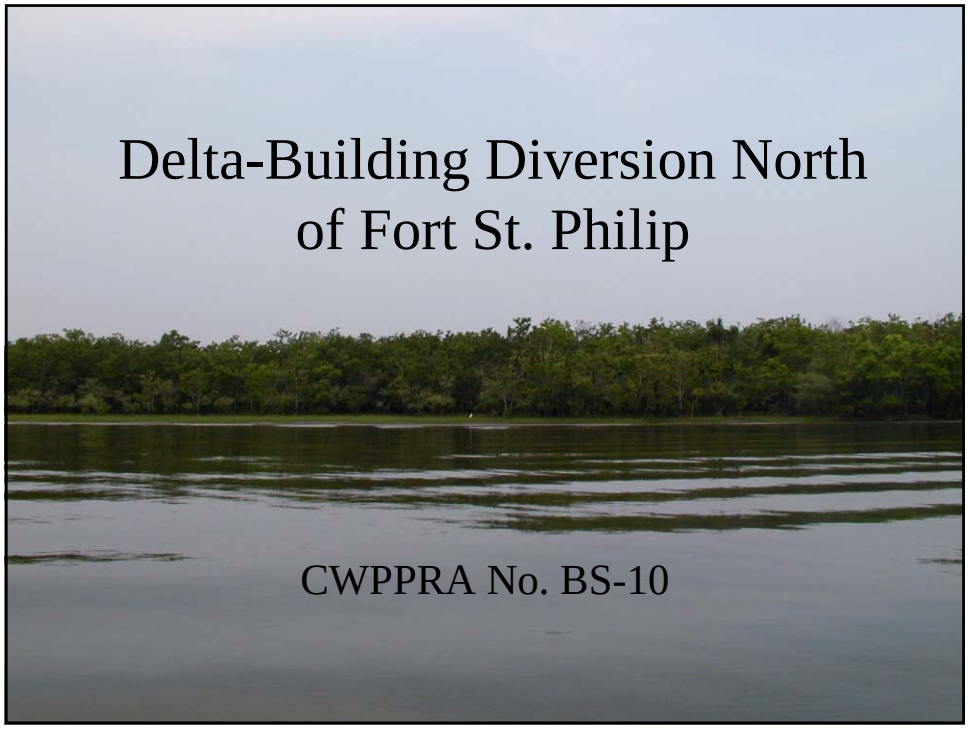
Julie,
Here is the much awaited for proposed revisions to the CWPPRA SOP as it relates to the Demo Appendix. Please transmit to the P&E for their review and then inclusion onto the TC agenda if appropriate. Note the delay on getting this was not Mr. Roy, I was the hold up.
<< File: CWPPRA Demo SOP APPENDIX E 5-27-05.doc >>
Thanks,
<< File: CWPPRA Demo SOP APPENDIX E 5-27-05.doc >>

Chris Monnerjahn
Project Manager
Coastal Restoration Branch
U.S.A.C.E., New Orleans District
chris.monnerjahn@mvn02.usace.army.mil
Work: (504)862-2415 Cell: (504)214-7839

Decision:

Request for Change in Scope for PPL 10
Delta Building Diversion North of Fort St. Philip (BS-10)

Delta-Building Diversion North of Fort St. Philip



CWPPRA No. BS-10

North of Fort St. Philip
(original design)

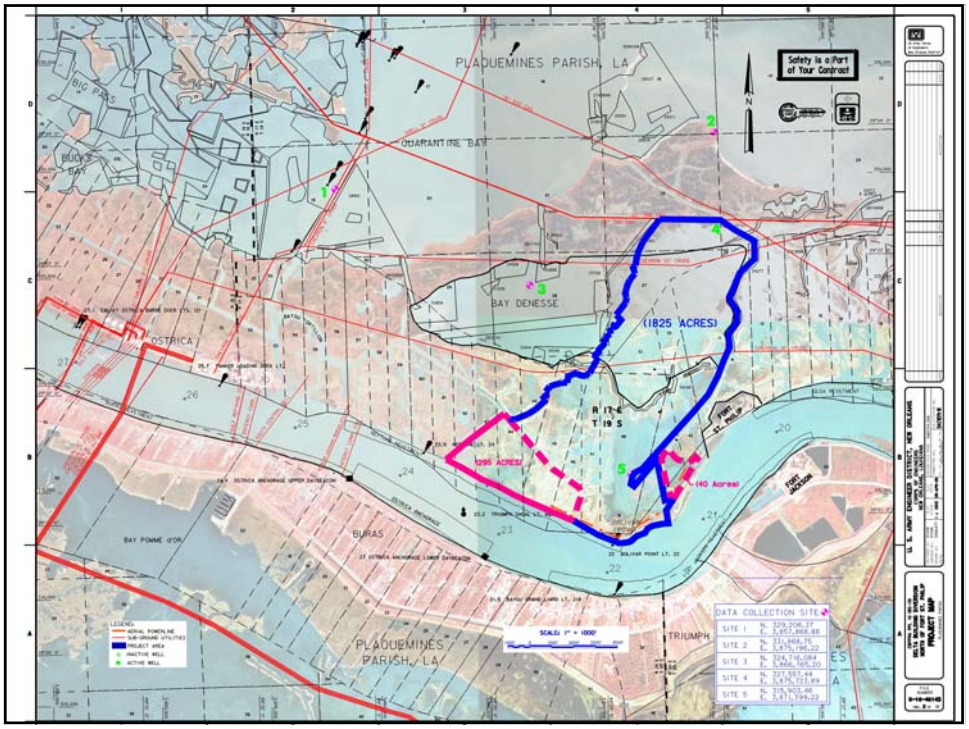
- Sediment diversion channel that diverts water from the Mississippi to Bay Denesse
- ~ 400 acres restored with dredge material
- ~ 2000 acres over project life

Why Change the Project?

- Would deposit sediment into Bay Denesse, a natural water body
- Would impact oyster leases in Bay Denesse
- Hydrologic concern diverting 10,000-15,000 cfs
  - Historic site of Fort St. Philip
- Initial surveys revealed much of area naturally accreting
- Self-sustaining project preferred

North of Fort St. Philip New Design

- Diversion ~350'downstream
- Reduced diversion channel to 2,500-5,000 cfs
- ~ 25 acres marsh created from dredging the diversion channel
- ~ 478 acres over project life
- Prioritization criteria would not change
- Cost effectiveness would increase



Potential Problems

- Real Estate: Multiple land ownerships and land owners

Description	Original PPL 10	At 30% Design Mtg.	Difference
Channel			
Length:	9,800 lf	1600 lf	
Location:	@ Mile 22.1-L AHP -12' effective	@ Mile 21.6-L AHP -10' effective	
Elevation	NAVD88	NAVD88	
Bottom Width:	500 ft	200 ft	
Estimated Diversion	30,000 cfs	5,400 cfs	
Net Benefited acres:	2,473	543	78% decrease
Construction Cost	$4,388,783	$2,500,000	57% decrease
O&M events	$0	$775,000	
Total (not fully funded)	$4,388,783	$3,275,000	25% decrease
cost per acre	$1,775	$4,604	

Remaining Phase I Tasks

- Refine Project Features, Finalize Design & P&S
- Finalize Revised WVA
- Draft EA/NEPA
- Complete Ecological Review
- Complete Real Estate Plan
- Develop Monitoring plan
- Develop Draft O&M Plan
- Hold 95% Design Review
- Section 303(e) approval
- Revise fully funded cost estimate
- Revise Prioritization Ranking Score
- Request Phase 2 funding

Coastal Wetlands Planning Protection and Restoration Act
Delta Building Diversion North of Ft. St. Philip Project
Phase I through 30% Design Project History and Status
3 October 2005

The Delta Building Diversion North of Ft. St. Philip project was selected as a Coastal Wetlands Planning Protection and Restoration Act (CWPPRA) PPL 10 project and approved for Phase I planning 10 January 2001. The selected project would be located on the left descending bank of the Mississippi River, at approximately mile marker 22, near Bolivar Point. The selected project area totaled 6,583 acres, including 1,720 acres of water (which encompassed Bay Denesse) and 4862 acres of marsh. The projected net marsh benefits totaled 2,473 acres.

The conceptual plan for the project as selected for Phase I included a 30,000 cfs diversion channel with a 500-foot bottom width, beginning just upstream from Bolivar Point, extending 9,800 linear feet through the receiving area north and west of Fort St. Philip and discharging into Bay Denesse.

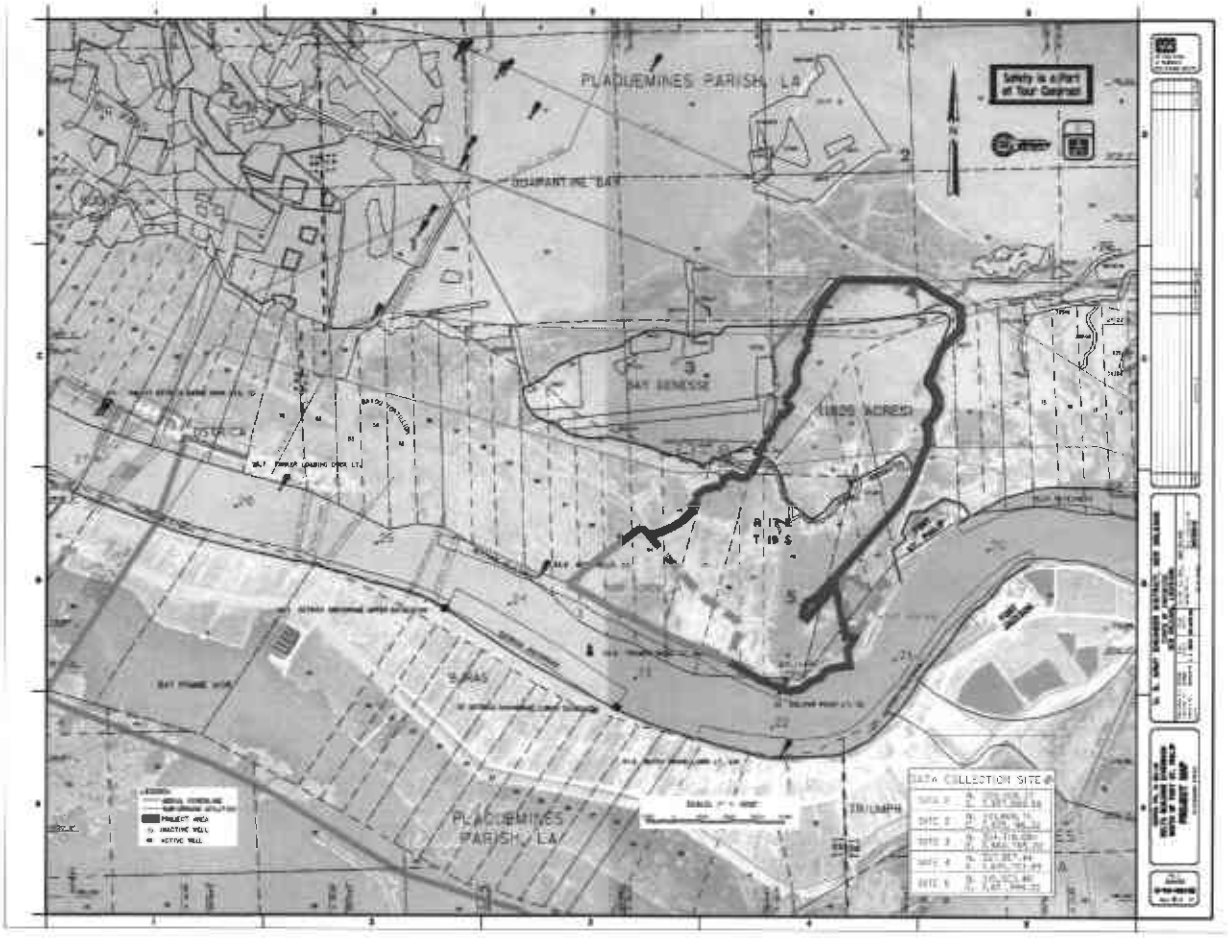
The Phase I project was kicked off in May 2001. Between May 2001 and spring of 2002, rights of entry were acquired and subsequent field trips, data collecting and analysis occurred. By the summer of 2003 the Federal and State project delivery team (PDT) agreed that such a large scale project was not practical because: initial surveys indicated that portions of the project area were already accreting naturally; depositing sediment in Bay Denesse was not necessarily a reasonable ecosystem restoration plan for the area; there were concerns that induced flooding could adversely impact Fort St. Philip, a culturally significant resource; and there was an interest by the project sponsors to develop a more self-sustaining project.

The PDT redirected planning efforts and reduced the project scope to a 2,500-5,000 cfs diversion with a 200-foot bottom width and 1,600 linear-foot channel beginning slightly upstream from the original plan, and discharging into a shallow open water receiving area south of Fort Bayou. The revised project plan also included placing gaps in the Neptune Revetment upstream from the diversion at approximately mile marker 23 to increase accretion in open water areas adjacent to the River but fragmented from the diversion receiving area. The revised project area totaled 2,254 acres, including 1,083 acres of water and 1,169 acres of marsh. The projected net marsh benefit totaled 543 acres, including 40 acres that would accrete from gapping the revetment, 25 acres from beneficially using dredge material from constructing the diversion channel, and 478 acres that would accrete from the diversion over the 20 year project life.

The Federal and State PDT have worked closely to gain consensus on the best project features and design to optimize restoration needs in the project area. On August 16, 2005 the New Orleans District Corps of Engineers and the LA Department of Natural Resources (LDNR) held a favorable Preliminary (30%) Design Review meeting with representatives from National Marine Fisheries Service and U.S. Fish and Wildlife Service attending, in accordance with CWPPRA Standard Operating Procedures. Some additional minor changes were made to the project,

including eliminating the plans for gapping the Neptune Revetment, as the benefits from this feature are already being realized (red area indicated on west side of project area in below figure). Also, the dredge material disposal area has been relocated to outside of the diversion receiving area to maximize benefits (red area indicated on southeast side of project area in below figure), and the target elevation to achieve a marsh platform has been reduced to a maximum settled height of +3.0 ft NAVD88.

The Corps and DNR request that the Technical Committee confirm their previous decision of September 30, 2003 to approve a request to recommend the major change in project scope to the Task Force.



State of Louisiana

KATHLEEN BABINEAUX BLANCO
GOVERNOR

SCOTT A. ANGELLE
SECRETARY

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL RESTORATION AND MANAGEMENT

August 24, 2005

Colonel Richard P. Wagenaar
District Engineer
U.S. Army Corps of Engineers
P.O. Box 60267
New Orleans, LA 70160-0267

Re: Preliminary Design Review Conference for Delta-Building Diversion North of Ft. St. Philip (BS-10) - Statement of Local Sponsor Concurrence

Dear Col. Wagenaar:

The Preliminary Design Review Conference was held on August 16, 2005 for the Delta-Building Diversion North of Ft. St. Philip (BS-10) CWPPRA project. Based on our review of the technical information compiled to date, the ecological review, the preliminary land ownership investigation, and the preliminary designs, we, as local sponsor, concur with proceeding with the design of the project. Our concurrence is contingent upon the understanding that the project area will be modified to reflect the discussion in the meeting to exclude the channel armor gap area and include an area for beneficial use of dredged material for marsh creation. We understand that excluding the channel armor gap features will result in a reduction of the cost and the projected benefits of the project. LDNR also endorses the change in project scope from the Phase 0 project to the proposed smaller diversion project presented at the Preliminary Design Review Conference.

In accordance with the CWPPRA Project Standard Operating Procedures Manual, we request that you forward this letter of concurrence along with the revised project cost estimate to the Technical Committee and the Planning and Evaluation Subcommittee. We also request that our project manager, Ken Duffy, be copied on this and other correspondence concerning this project. Please do not hesitate to call if I may be of any assistance.

Sincerely,

Christopher P. Knotts, P.E.
Director

cc: Gerald M. Duszynski, Acting Asst. Secretary
Luke Le Bas, Engineer Manager
John Hodnett, Engineer Manager
Ken Duffy, Project Manager

COASTAL ENGINEERING DIVISION
P. O. BOX 44027 • BATON ROUGE, LA 70804-4027 • 617 N. THIRD STREET • 10TH FLOOR • BATON ROUGE, LA 70802
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AN EQUAL OPPORTUNITY EMPLOYER

Report / Decision:

Phase II Funding Status for Two Projects Not Yet Under Construction Within the Time Extension

PPL 9 New Cut Dune and Marsh Creation Project (TE-37)

PPL 10 Delta Management at Fort St. Philip (BS-11)

New Cut (TE-37) Project Update

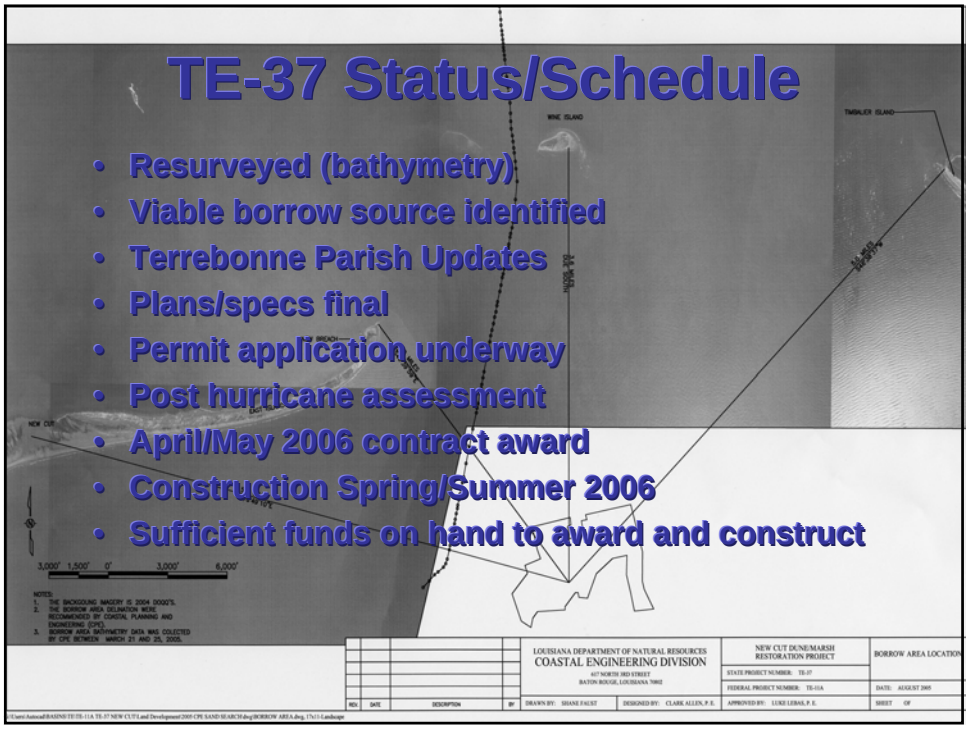
CWPPRA Technical Committee

19 October 2005

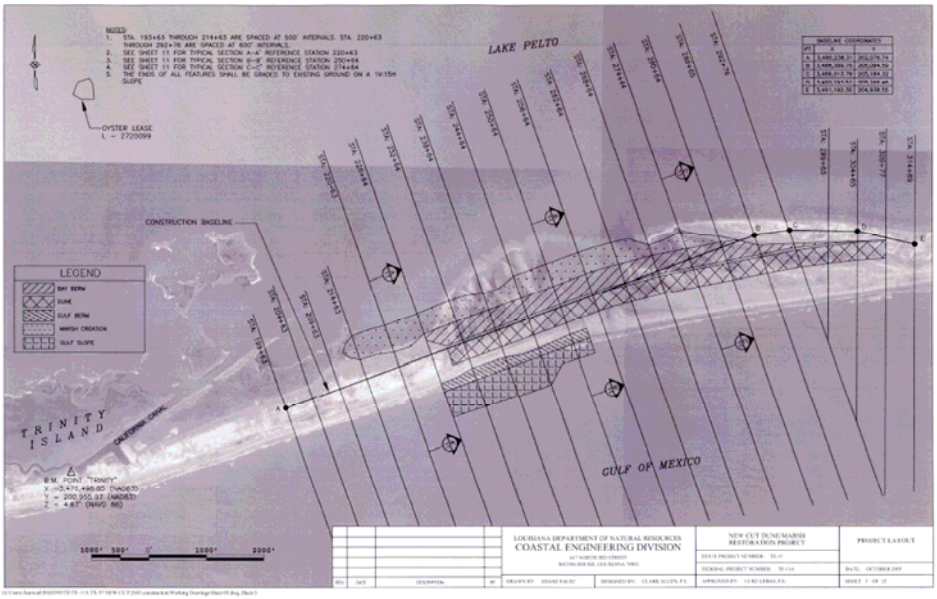
Photo courtesy of DNR

TE-37 Status/Schedule

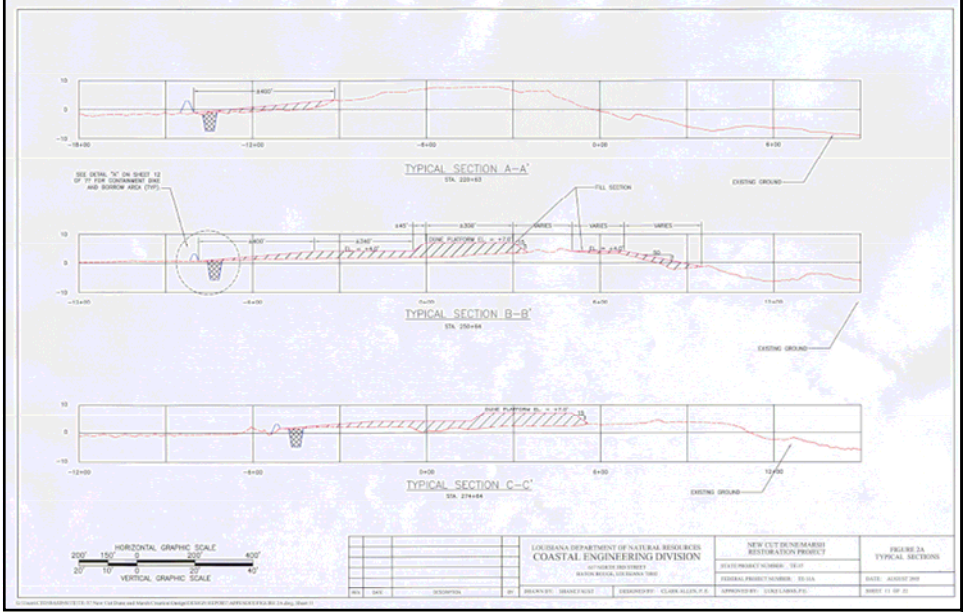
- Resurveyed (bathymetry)
- Viable borrow source identified
- Terrebonne Parish Updates
- Plans/specs final
- Permit application underway
- Post hurricane assessment
- April/May 2006 contract award
- Construction Spring/Summer 2006
- Sufficient funds on hand to award and construct



TE-37 Design



TE-37 Design Template



TE-37 Additive Alternate
Additive
Alternate
Sept 30, 2005

BREAUX ACT
Coastal Wetlands Planning, Protection and Restoration Act

TASK FORCE MEETING
August 18, 2004

FINAL Minutes

I. INTRODUCTION

Colonel Peter J. Rowan convened the 55th meeting of the Louisiana Coastal Wetlands Conservation and Restoration Act Task Force. The meeting began at 9:40 a.m. on August 18, 2004 at the U.S. Army Corps of Engineers, New Orleans District, Division Assembly Room – A, 7400 Leake Avenue, New Orleans, Louisiana. The agenda is shown as enclosure 1. The Task Force was created by the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA, commonly known as the Breaux Act), which was signed into law (PL 101-646, Title III) by President George Bush on November 29, 1990.

Mr. Miguel Flores reported on a field trip he took August 17, 2004 to observe the Environmental Protection Agency (EPA)/Louisiana Department of Natural Resources (LDNR) project to restore Timbalier Island. Since June 29, 2004, dredge material has been used to restore the area. He was amazed to see the amount of island that has already been built in a short period of time. The project will be completed in the next 40 days. He recognized project team members Ms. Patty Taylor, Mr. Brad Crawford, Mr. Wes McQuiddy, Mr. John Ettinger, Ms. Pam Mintz, and Mr. Chris Knotts for the tremendous work they are doing. The barrier islands are important for coastal restoration and for protection of life and the coast. He recommended that all of the Task Force members visit Timbalier Island to see the restoration that is taking place.

II. ATTENDEES

The attendance record for the Task Force meeting is presented as enclosure 2. Listed below are the six Task Force members:

Mr. Miguel Flores, Environmental Protection Agency
Mr. Sam Hamilton, U.S. Department of the Interior
Ms. Sidney Coffee, State of Louisiana
Mr. Donald Gohmert, U.S. Department of Agriculture
Dr. Erik Zobrist, U.S. Department of Commerce (substituting for Mr. Rollie Schmitten)
Colonel Peter Rowan, U.S. Army Corps of Engineers

III. ADOPTION OF MINUTES FROM APRIL 2004 TASK FORCE MEETING

Colonel Rowan called for a motion to adopt the minutes from the 14 April 2004 Task Force meeting.

Mr. Miguel Flores moved to accept the minutes. Mr. Donald Gohmert seconded, and the motion was passed by the Task Force.

IV. TASK FORCE DECISIONS

A. Request: Recommendation to Restrict Ongoing Budget Requests Approval of Phases I and II Projects to a Cap of 100% (including contingency)

Mr. John Saia presented the Technical Committee's recommendation for lowering the funding limit for all new Phase I and II projects from 125 percent to 100 percent in an effort to make funding available in the program. Many times these additional funds are not utilized and are tied up for a long period of time until the end of the project. All project estimates already include an amount for contingencies. These contingencies would not be affected by this action.

The floor was opened to the Task Force for discussion:

Mr. Miguel Flores asked if there was any discussion in terms of past projects not utilizing this 25 percent. Mr. John Saia said that the extra 25 percent is used in some cases. If a project requires more than 100 percent, the agencies would need to seek Task Force approval to exceed the 100%. There are more projects that are not utilizing the 25 percent than are and many times projects come in below the 100 percent budget. Mr. Flores asked if there was a dollar figure for the amount of funds that would be freed. Ms. Gay Browning replied that it would be 25 percent of the estimate for remaining projects. Mr. Saia that for a $10 million project, $2.5 million would be freed which could be fairly substantial for any new authorizations or approvals. Mr. Flores said that approving the 100 percent cap would allow funding of additional projects as a result.

Mr. Sam Hamilton asked that when project costs are estimated, aren't contingencies typically built in to the project cost. Mr. John Saia said that there are generally adequate contingencies (around 25 percent) already built into a project.

Dr. Erik Zobrist said that reducing the cap is a good idea. The program has matured to the point where all agencies involved have a good idea of what the cost estimates are these days. The contingencies and risk factors that were incorporated in the past are no longer needed.

Colonel Peter Rowan asked if there was a trend towards improving cost estimates where earlier projects required the greater contingency whereas later Priority Project List (PPL) projects do not. Mr. John Saia said that more projects are coming in under the 100 percent estimate.

Mr. Donald Gohmert made a motion to accept the Technical Committee's recommendation and reduce the cap to 100 percent for new Phases I and II approvals, and Dr. Erik Zobrist seconded. All Task Force members voted in favor and the motion passed.

B. Request: Request for One Year Extension for Phase II Funding Status for Two Projects Not Yet Under Construction Within Two-Years of Phase II Approval

Mr. John Saia said that the CWPPRA Standard Operating Procedure (SOP) requires that if projects, approved by the Task Force for Phase II, are not under construction within two years of approval, that the project be considered for revocation or that the Task Force extend the time schedule. The Technical Committee recommended that the Task Force approve a one-year extension for the following two projects: New Cut Dune/Marsh Creation and Delta Management at Fort St. Philip.

1. New Cut Dune/Marsh Creation

Mr. John Saia said that the EPA is the lead agency for this project. Phase II construction was approved by the Task Force in January 2001. Project cost is estimated at $10.3 million. A construction contract was awarded but prior to notice to proceed, the contract was rescinded due to local concerns relative to the borrow area. The concerns required further investigations of alternate borrow sites. The current estimate for award is May 2005.

The floor was opened to the Task Force for discussion:

Mr. Gerry Duszynski said that after the contract was awarded, it was realized that the dredge source was a shoal area. The locals and parish representatives raised concerns that tidal amplitudes could be influenced. It took some time to step back and conduct another sand search. Some good sand was found in the area within budget, and the project is moving forward again.

Mr. Miguel Flores added that these types of projects are extremely important for the work of the Task Force, and he recommended approval of the one-year extension.

Mr. Donald Gohmert made a motion to approve the recommendation by the Technical Committee for a one-year extension for the New Cut Dune/Marsh Creation project. Mr. Sam Hamilton seconded. All members of the Task Force voted in favor and the motion passed.

2. Delta Management at Fort St. Philip

Mr. John Saia said that the U.S. Fish and Wildlife Service is the lead agency for this project, and the cost is $3.2 million. The Task Force approved Phase II construction in August 2002. It appeared that all conditions to award a construction contract were met in April of 2003. Initially it was believed that no oyster leases would need to be acquired. After further consideration, it was determined that certain leases would need to be acquired. At this time, actions are being taken to acquire the oyster leases. A construction contract could be awarded by April 2005.

The floor was opened to the Task Force for discussion:

Mr. Sam Hamilton said that the outcome of the acquisition of oyster leases is not yet known. He is optimistic that the issues can be resolved in six to eight months. If it cannot be resolved, then the project may have to be de-authorized.

Mr. Miguel Flores made a motion to approve a one-year extension for the Delta Management at Fort St. Philip project. Mr. Don Gohmert seconded the motion. All members of the Task Force voted in favor and the motion passed.

V. INFORMATION

A. Report: Status of Breaux Act Program Funds and Projects

Ms. Gay Browning discussed the construction program and status of the CWPPRA accounts. In the Planning Program, there is $700,000 of carry over funds entering FY 05. In the Construction Program, there are $404 million in obligations and $227 million in expenditures. Cumulative Federal funding into the program is $531 million. Total funding, including local sponsor funding, is $633 million. Currently, there is $3.9 million available for obligation. In total, including project funds through FY09 and all projects that have been put on a priority list to-date, there is an estimated shortfall of more than $500 million. There are 11 projects scheduled to request Phase II approval in October 2004 at an estimate of $165 million. There will be a need for $82 million if everything were approved. Four projects were completed in FY 04, and there are two more projects scheduled to begin construction this FY.

Colonel Peter Rowan noted that Ms. Gay Browning has provided invaluable assistance and expertise to the CWPPRA program. She has taken a promotion but will continue to work on the CWPPRA program.

B. Report: Presentation and Announcement of the Revised Schedule for PPL 15

Mr. John Saia said that the Task Force instructed the Technical Committee to modify the PPL 15 process to allow selection of projects in October 2005. The PPL 15 process will be initiated in October 2004 with distribution of a public announcement for the upcoming Regional Planning Team meetings, which will continue to be held in February 2005. The candidate project site visits will be held from April - May instead of during the May - June time frame. Candidate evaluations will take place May - August in lieu of June - September. Public meetings have moved from November to August. The already initiated PPL 14 process would not be impacted; project selection for PPL 14 remains scheduled for January 2005.

The floor was opened to the Task Force for discussion:

Ms. Sidney Coffee asked where the prioritization criteria of projects are factored in with the scarecity of funds. The scarcer the funds, the more the priorities will weigh in on what the Task Force is doing. When she goes to Washington, D.C., she is constantly asked if CWPPRA is meshing with LCA. What is the Task Force's process for prioritization and how does that fit with the bigger picture?

Dr. Erik Zobrist said that at some point in time, the new projects under consideration for PPL 15 are eventually thrown in the hopper with all the other projects, and there is a reevaluation so that the best of the crop rise to the top.

Mr. John Saia said that CWPPRA does go through a prioritization process and also currently looks at the Coast 2050 strategies. Through the CWPPRA process, environmental, engineering, and economics are looked at and there is a prioritization list that is prepared based on those evaluations.

Ms. Sidney Coffee thinks that the Task Force will be called upon to make sure that the same priority is being used for all projects in the big picture. She asked Colonel Rowan if a working group could be appointed to look at the prioritization process and how CWPPRA and LCA can mesh together. It would be better to start working on this now rather than wait to see if there is a Water Resources Development Act.

Mr. Donald Gohmert said that in addition to the priority criteria used while planning projects, there is a screening tool used when projects come to Phase II funding. The screening tool is used to help decide which projects best fit the intent of the program.

Ms. Sidney Coffee said that she was not questioning the intent of the program. Sooner or later, the CWPPRA screening process will have to mesh with the bigger picture and the LCA.

Mr. John Saia added that the prioritization criteria used by CWPPRA do include some criteria from LCA. As the process has moved forward, LCA has been incorporated into the process of prioritization.

Colonel Peter Rowan said that he is not prepared to launch a working group because the LCA report has not been finalized. The LCA report did include critical needs criteria that, once finalized, can be synchronized with the prioritization system now used by the CWPPRA process. The only caveat is that while CWPPRA and LCA need to be complementary, they do not necessarily need to follow the same prioritization criteria. There is a niche capability that the CWPPRA program has that the constraints of LCA cannot meet right now. CWPPRA has answered some of the needs on the coast that were not addressed in the initial LCA near-term plan. The public still sees CWPPRA as a vital program, particularly for areas of the coast that do not have a designated near-term project.

Ms. Sidney Coffee said that she is not suggesting that there is not a need for CWPPRA. Even if LCA were fully authorized and funded, there will always be a need for CWPPRA. She reminded the Task Force that even with the niche CWPPRA serves it has to fit in with the bigger picture. The Task Force needs to make sure that funds are spent wisely and on the most critical needs especially with the scarcity of funds.

Mr. Sam Hamilton said that the scarcity of resources is being felt all across the country. He understands the need to demonstrate that funds are being spent wisely to achieve the goals set. There is a fair amount of confusion about LCA and CWPPRA and how the two will interface with each other. The Task Force will have to demonstrate how one fills a void that the other cannot and put together material to show that these are complementary programs.

Mr. Miguel Flores said that a large part of the decision to go forward with the prioritization process was the fact that it was linked to LCA and the larger picture. He was concerned about projects being scattered all over the place without a common theme to hold them together. Findings from the LCA study are showing that projects such as river reintroductions and barrier island creation are high on the list; these projects are high on CWPPRA's list as well. The two programs are meshed together, and the Task Force has to be mindful that they remain that way.

The floor was opened up to the public. There were no public comments regarding the changing of the PPL 15 process.

C. Report: Fax Vote by the Task Force to Add Sabine Refuge Marsh Creation Cycles 2 and 3 to the Priority List

Mr. John Saia reported the results of the June 3, 2004 fax vote regarding Cycles 2 and 3 of the Sabine Refuge Marsh Creation project. In January 2001, the Task Force gave construction approval for Cycle 1. At the same time, the Task Force also passed a motion to delete the remaining cycles from the project to avoid a Cost Sharing Agreement with multiple contracts that extended beyond five years. In January 2004, the Task Force granted construction approval for Cycles 2 and 3. The Corps requested clarification indicating that Cycles 2 and 3 were part of the PPL. The fax vote was passed to clarify that Cycles 2 and 3 are included in the PPL. The four Federal agencies, excluding the Corps, voted to approve the following motion. The motion passed by a majority vote of the Task Force. Results of the fax vote were distributed to the agencies on June 3, 2004.

The CWPPRA Task Force adds the Sabine Refuge Marsh Creation Cycle 2 and Cycle 3 projects to the Priority Project List.

D. Report: Public Outreach Committee Quarterly Report

Ms. Gabrielle Bodin, CWPPRA Outreach Coordinator, presented the Public Outreach Committee Quarterly Report. Discussion included:

- A dedication ceremony was held at Fort Jackson on May 21st to dedicate six projects sponsored by National Marine Fisheries Service and the Corps of Engineers. Over 150 people attended the event, and Senator John Breaux was the Master of Ceremonies. The video news release of the dedication produced statewide media coverage. There will be another dedication ceremony in late fall.
- In September, CWPPRA will be exhibiting at the Restore America's Estuaries Conference in Seattle, WA, for which CWPPRA has provided partial sponsorship.
- The *Protect the Purchase* exhibit began display July 10th at Lake Claiborne State Park and will tour the Louisiana State Park system for one year.
- The Outreach Program is working with Mr. C.C. Lockwood on his *Marsh Mission* project. Mr. Lockwood spent a year documenting the beauty and loss of Louisiana's coastal wetlands. The *Marsh Mission* exhibit will start in October 2005 in Baton Rouge and will travel to Washington, D.C. in January 2006. The Outreach Program will provide maps and materials for the exhibit to help illustrate land loss and the importance of Louisiana's coastal wetlands.
- Ms. Bodin also announced that 20,000 copies of the *Turning the Tide* brochure have been printed with 5,000 of the copies going to Washington, D.C. for the America's Wetland campaign.
- Senator John Breaux and Congressman Chris John visited the National Wetlands Research Center on August 13, 2004. Senator Breaux spoke about the history of the Breaux Act and his hopes for CWPPRA reauthorization through 2019.

Ms. Sidney Coffee congratulated the Outreach Committee for doing a wonderful job.

Colonel Peter Rowan added that the Task Force has been spending a lot of time in Washington, D.C. informing Congress on what Louisiana is trying to do to fix the problem.

Mr. Miguel Flores asked if *WaterMarks* was distributed to all the members of Congress. The Task Force may want to consider the possibility of distributing *WaterMarks* and the *Turning the Tide* brochure to members of Congress as a way to bring national attention and awareness to coastal Louisiana. Ms. Gabrielle Bodin said that she would look into doing this.

E. Report: Presentation of the Coastwide Nutria Program

Mr. Jeff Marx, biologist with Louisiana Department of Wildlife and Fisheries, presented results from the second year of the coastwide nutria control program. The nutria control program is funded by CWPPRA through sponsorship by the Natural Resources Conservation Service and LDNR. The goal of the program is to significantly reduce marsh damage from nutria herbivory by removing 400,000 nutria from coastal Louisiana per year. Hunters and trappers must apply to the program and receive $4 per nutria tail delivered to collection stations. The trapping season is from November 20 to March 31. Field data collection starts one week into the trapping season. Nutria harvest was tracked using participant leases with actual harvest areas indicated by participants. Results from the 2003-04 nutria harvest are as follows:

- A total of 332,596 nutria tails, worth $1,330,384 in incentive payments, were collected from 346 participants this year.
- Approximately 86 percent of the harvest came from the southeast portion of Louisiana.
- Breakdown by participant: 114 participants turned in less than 200 tails, 68 participants turned in between 200 and 800 tails, and 121 participants turned in more than 800 tails.
- Breakdown of method of harvest: 48 percent by trapping, 50 percent by shooting with rifle, and 2 percent taken with a shotgun.
- Harvest by parish: Plaquemines (26.1%), Terrebonne (15.6%), Jefferson (7.5%), and St. Bernard (4.0%).

Mr. Marx also presented results from the 2003 Vegetative Damage Survey. In 2003, there were 84 damage sites (21,888 acres) including three that had converted to open water. Of the 81 damage sites, 51 containing 17,409 acres received some level of trapping or hunting while the other 30 containing 4,406 acres did not.

Mr. Edmond Mouton discussed results from the 2004 nutria Vegetative Damage Survey. There were 16,906 acres of damage done to 69 sites, which extrapolates to 63,397 acres of impacted marsh in the coastal area. This is a 22.8 percent decrease in damaged acres coast-wide, when compared to 2003. There were 24 recovered sites with a combined acreage of 6,049 acres. Only four sites (675 acres) had severe vegetative damage and one site (20 acres) converted to open water. Severe damage acreage has been reduced 80.5 percent since 2002. Over two years, the amount of conversion to open water has been reduced by 98 percent. Mr. Mouton added that some of the adaptive management techniques include speaking with landowners with damaged sites and encouraging them to enroll in the program and directing harvest to locations where

damage is most prevalent. More information about the nutria control program can be found on the Internet at nutria.com.

The floor was opened to the Task Force to ask questions:

Mr. Miguel Flores asked if the overall population of nutria is declining statewide or in the coastal area. Mr. Edmond Mouton replied that based on ground observations and aerial surveys, there is some decline but will really be able to see it through time by looking at harvest numbers. About 50 percent of nutria damage occurs in the fresh marsh. Mr. Flores asked Mr. Mouton's opinion about the amount of money being provided per pelt as an incentive payment. Would there be a dramatic movement in the amount of nutria harvested if the price were slightly increased? Mr. Mouton said that before the program, an average trapper received $1.50 or less per nutria. The current incentive of $4.00 per tail provides a good incentive for the trappers. If the harvest does decline, there are funds available in the budget to increase the incentive payment.

Dr. Erik Zobrist asked about the turnover rate of hunters in the program and if the shift in the numbers of nutria harvested per parish was from a shift in the nutria population or from a shift in trappers. Mr. Edmond Mouton replied that it was from a shift in the nutria population. Mr. Jeff Marx added that there were 342 trappers last year and 346 this year. The majority of the trappers are the same, so the turnover rate for trappers is probably low. Mr. Zobrist asked if it would be helpful to extend the trapping season for nutria. Mr. Marx replied that it would not help. Trappers look for a trail set and put traps on the trail. It is difficult to see the trail when the vegetation is growing.

Mr. Gerry Duszynski said that the nutria control program was never envisioned as an eradication program. It is more to stabilize nutria numbers and keep the population manageable to take some pressure off the marsh.

Mr. Miguel Flores suggested showing the number of wetland acres that are preserved as result of these efforts. How does killing 300,000 nutria translate with respect to the protection of coastal and freshwater marsh?

Mr. Sam Hamilton said that it was a good presentation and seems to be a cost-effective program. He asked if there was a minimum acreage size required to enroll in the program. He is concerned about a significant nutria population on adjacent land not enrolled in the program. Mr. Jeff Marx said that there is no minimum acreage requirement. There is a limited number of nutria that can be harvested from certain size acres. There are damage sites that are five and 15 acres. Allowing smaller sites into the program enables effective management in at least that small area.

Mr. Donald Gohmert appreciates the Department of Wildlife and Fisheries and LDNR for working so effectively in putting together this program that has taken over 600,000 nutria out of the marsh. If the marsh is converted to open water and natural native vegetation is lost, it will be a long time, if ever, that the marsh can be restored.

F. Report: Status of Louisiana Coastal Area (LCA) Public Meetings

Mr. Kevin Wagner provided an update on the status of the LCA report. Nine public meetings were held throughout the coastal area as well as locations outside the coastal area such as Alexandria, LA; Texas; Mississippi; and Tennessee. Many comments were made regarding the Mississippi River – Gulf Outlet closure and the need to look at a more comprehensive plan. The public is recognizing that this is an initial step to addressing the ecosystem degradation. There was a lot of support for the Third Delta Conveyance Channel. The LCA team expects to have the final report completed in October 2004, and a signed Chief of Engineer's Report in December 2004. There are seven components recommended in the plan, including five features that are seeking programmatic authorization. There are ten additional features seeking standard authorization. The plan also includes a science and technology program, a beneficial-use of dredged materials program, modifications to existing structures, and a demonstration program. The LCA plan also includes a component to look into large-scale, long-term restoration studies to develop a more comprehensive plan.

Mr. Miguel Flores recognized the hard and collaborative efforts of the LCA team in putting together the report. Colonel Peter Rowan added that the public comment period is open through August 23rd.

VI. ADDITIONAL AGENDA ITEMS

Colonel Rowan presented certificates to former members and support elements of the Task Force:

- Dr. Bill Good received a Certificate of Commendation for exemplary service from 1992 to 2003 in the CWPPRA program as a member of the Technical Committee representing Coastal Restoration Division of the LDNR.
- Mr. Gerry Bodin received a Certificate of Commendation for exemplary service from the Spring of 1995 to Spring of 2003 in the CWPPRA program as a member of the Technical Committee representing U.S. Fish and Wildlife Service.
- Secretary Jack Caldwell received a Certificate of Commendation for exemplary service from February 1996 to December 2003 in the CWPPRA program as Secretary of the LDNR. Dr. Caldwell's counsel, leadership and involvement in the program contributed significantly to the noble endeavor of restoring Louisiana's coastal wetlands.

Ms. Virginia Tippie, Director of the Coastal America Partnership, announced that she would be presenting an award to the Task Force in a 2 p.m. ceremony. Mr. James Connaughton, Chairman of the Council on Environmental Quality, was unable to attend. President George W. Bush announced last Earth Day a new goal to "increase the wetlands" as opposed to a "no net loss" goal. Louisiana has 40 percent of the nation's coastal wetlands and 80 percent of the wetland loss nationwide. The Breaux Act Task Force has made a significant contribution to restore, enhance, and increase America's wetlands. She acknowledged Mr. Bryon Griffith, Director of EPA Gulf of Mexico Program (GOMP) and Chair of GOMP Regional Implementation Team, and Mr. Bob Bosenberg, Corps of Engineers. The Regional Team has undertaken the Corporate Wetland Restoration Partnership initiative to facilitate involvement of the private sector in efforts to restore and protect the coastal environment. She hopes the Task

Force will support the Corporate Wetland Restoration Partnership in Louisiana. On behalf of the Administration and Mr. Connaughton, she thanked the Task Force for the significant contribution they have made to save America's wetlands.

VII. REQUEST FOR PUBLIC COMMENTS

There were no public comments made.

VIII. CLOSING

A. Date and Location of the Next Task Force Meeting

Colonel Rowan announced that the next meeting of the Task Force is scheduled for 9:30 a.m., October 13, 2004 in Baton Rouge, LA. Mr. John Saia announced that the next Technical Committee meeting would be held at 9:30 a.m., September 9, 2004 in Baton Rouge, LA. Ms. LeBlanc reminded the agencies that the annual funding meeting of the Technical Committee is rapidly approaching. She reminded everyone that the deadline for submission of material for the binder is August 31st; but that the Corps would provide hardcopies of any material received through close of business September 7th.

B. Adjournment

Colonel Rowan adjourned the meeting at approximately 11:05 a.m.

Discussion:

Coordinating Efforts to Identify Potential Sediment Borrow Sources in the Mississippi River

Status of Potential Uses of Mississippi River Sediment for Coastal Restoration
18-Oct-2005

Project Name	Program/Authority	Federal Agency Sponsor	Potential MR Borrow Source Location	Approx. Borrow Qty needed	Project Status	Schedule
Mississippi River Sediment Trap	CWPPRA	COE	Probably between river miles 1 and 5 AHP	22M cy	Phase I was approved in August 2002. Negotiations on a revised project scope and Phase I work plan continue with the LA Department of Natural Resources. Both sides agree that the proposed project has significant promise for marsh creation but some complex logistical and authorization issues must be overcome. The team is working together to define the issues and seek solutions that will allow project development to continue. No engineering data collection activities have occurred for the project at this time. After a work plan is developed engineering activities in the project area (including the Mississippi River) will include surveys and soil borings. The Corps of Engineers supports development of a Mississippi River sediment "atlas" to help define locations for this and similar projects for coastal restoration and to better understand the historic movement of material through the river system.	The project is currently unscheduled but Phase I activities could be completed to allow a Phase II authorization request in January 2007.
Riverine Sand Mining/Scofield Island Restoration	CWPPRA	NMFS	Three potential sources identified for detailed investigation: MM 34 - 32 / west bank; MM 31 - 25 / east bank; and MM 24 - 22 / west bank	2.5 Mcy high quality sand	Approved for Phase One January 2005. Potential conveyance routes identified. Engineering and design on hold pending LDNR selection of design contractor. NOAA in coordination with USACE regarding data availability and river management concerns. Details of pre- design investigations and engineering analysis not available because detailed engineering scope not complete.	Anticipated LDNR execution of design contract in December 2005; Preliminary Design completion December 2006; Design completion and Phase 2 request December 2007
Bayou Dupont Sediment Delivery	CWPPRA	EPA	Near Wilkinson Canal	5M cy	In Phase 1; Geotech scope prepared	Design complete at the end of 2006; Request Phase 2 approval in 2007.
Barataria Basin Barrier Shoreline Restoration - Caminada Headland and Shell Island Feasibility Study	LCA	COE	MM 34 - 32 / west bank	10-15Mcy for Shell Island	This project is in the USACE, Feasibility Study Phase. It is one of the 5 near-term critical projects identified in the LCA Near Term plan. Numerous borrow sources are being investigated. Potential borrow sites include Ship Shoal, nearshore borrow sites and the Miss. River. The sand for restoration of Caminada is likely coming from Ship Shoal. It is not certain yet where the sand will come from restoration of	Draft Report in March 2005; Final Report in June 2005; Requires Congressional Authorization and Funding prior to construction. Earliest construction is probably 2007.

Monnerjahn, Christopher J MVN

From: Richard Hartman [Richard.Hartman@noaa.gov]

Sent: Wednesday, October 05, 2005 7:39 AM

To: Monnerjahn, Christopher J MVN

Cc: Constance, Troy G MVN-ERO; Browning, Gay B MVN; Daniel Llewellyn; John Jurgensen @ NRCS; LeBlanc, Julie Z MVN; Kevin Roy @ FWS; Pat Forbes @ GOCA; Phil Pittman @ DNR; Rachel Sweeney @ NOAA; Podany, Thomas J MVN; Wes McQuiddy @ EPA; Britt Paul @ NRCS; Chris Knotts @ DNR; Cynthia Duet with GOCA; Darryl Clark @ FWS; Erik Zobrist; Gerry Duszynski @ DNR; Breerwood, Gregory E MVN; Kirk Rhinehart @ DNR; Sharon Parrish @ EPA

Subject: Re: CWPPRA, Technical Committee Mtg Agenda Item No. 10: Miss River as a Borrow Source

Thank you all. Just wanted everyone to understand that I am trying to find out what is going on with the sediment trap project, the LCA barrier island/Shell Island component, and Bayou Dupont. (To a certain extent, I know what is going on with Scofield Pass). I heard through a round about way that the state was already looking at borrow sites in the river as part of the LCA plan (that's a good thing). I like the thought of using the river as a borrow source and want to facilitate, not slow down, the sediment trap and Scofield Island projects. I wanted to see if there was some potential way to facilitate data collection to save money and move projects forward faster. This is just an informational topic, certainly not a decision-making item... Hopefully, the discussion won't be a waste of everyone's time.

Rick

"Monnerjahn, Christopher J MVN" wrote:

> Technical Committee and P&E Subcommittee,
> In an attempt to compile the status information that Mr. Hartman is requesting for discussion at the upcoming TC mtg, please poll your Project Managers to obtain the requested status and scope of projects that have identified the Mississippi River as a potential borrow source. Please have them submit to me in writing the project status and scope of effort as requested ASAP but NLT Friday, October 7, 2005. I would also be prepared to have the project discussed at the TC meeting. I will incorporate any write-ups I receive by COB tomorrow with the TC binder mailout and provide all of them including the ones submitted after tomorrow by email for your information.
>
> Below is the agenda item excerpt:
>
> **Discussion: Coordinating Efforts to Identify Potential Sediment Borrow Sources in the Mississippi River (Hartman) 11:50 a.m. to 12:00 noon** Mr. Hartman has called for a discussion to coordinate ongoing and future efforts to identify sediment borrow sources in the river for use in coastal restoration projects. A number of initiatives are underway to plan and design projects that would mine material for marsh creation and barrier island restoration. Coordinating these efforts will help the program manage resources and work together to avoid duplication of efforts. Managers and team leaders working on various related efforts are asked to attend to identify the status and scope of ongoing and planned studies of available sediment resources.
>
> Thanks for your assistance in this matter.
>
> **Chris Monnerjahn**
> **Project Manager**
> **Coastal Restoration Branch**

Monnerjahn, Christopher J MVN

From: Darryl_Clark@fws.gov
Sent: Wednesday, October 05, 2005 3:25 PM
To: Monnerjahn, Christopher J MVN
Subject: Re: CWPPRA, Technical Committee Mtg Agenda Item No. 10: Miss River as a Borrow Source

Chris,

FWS does not have any projects with borrow from the Mississippi River. The closest one is Kevin's Fort St. Phillip.

Darryl

"Monnerjahn, Christopher J MVN" <Christopher.J.Monnerjahn@mvn02.usace.army.mil>

10/04/2005 09:41 PM

To "Constance, Troy G MVN-ERO" <Troy.G.Constance@mvk02.usace.army.mil>, "Monnerjahn, Christopher J MVN" <Christopher.J.Monnerjahn@mvn02.usace.army.mil>, "Browning, Gay B MVN" <Gay.B.Browning@mvn02.usace.army.mil>, "Daniel Llewellyn" <DanielL@dnr.state.la.us>, "John Jurgensen @ NRCS" <john.jurgensen@la.usda.gov>, "Julie LeBlanc" <Julie.Z.LeBlanc@mvn02.usace.army.mil>, "Kevin Roy @ FWS" <kevin_roy@fws.gov>, "Pat Forbes @ GOCA" <pat.forbes@GOV.STATE.LA.US>, "Phil Pittman @ DNR" <PHILP@dnr.state.la.us>, "Rachel Sweeney @ NOAA" <rachel.sweeney@noaa.gov>, "Thomas Podany" <Thomas.J.Podany@mvn02.usace.army.mil>, "Wes McQuiddy @ EPA" <mcquiddy.david@epa.gov>, "Britt Paul @ NRCS" <britt.paul@la.usda.gov>, "Chris Knotts @ DNR" <ChrisK@dnr.state.la.us>, "Cynthia Duet with GOCA" <cynthia.duet@gov.state.la.us>, "Darryl Clark @ FWS" <darryl_clark@fws.gov>, "Erik Zobrist" <Erik.Zobrist@noaa.gov>, "Gerry Duszynski @ DNR" <GerryD@dnr.state.la.us>, "Gregory Breerwood" <Gregory.E.Breerwood@mvn02.usace.army.mil>, "Kirk Rhinehart @ DNR" <kirkr@dnr.state.la.us>, "Rick Hartman @ NOAA" <richard.hartman@noaa.gov>, "Sharon

Monnerjahn, Christopher J MVN

From: Jurgensen, John - Alexandria, LA [john.jurgensen@la.usda.gov]
Sent: Wednesday, October 05, 2005 7:20 AM
To: Monnerjahn, Christopher J MVN
Cc: britt.paul@la.usda.gov
Subject: RE: CWPPRA, Technical Committee Mtg Agenda Item No. 10: Miss River as a Borrow Source

Chris,

At this time NRCS does not have any projects that are considering the Mississippi River as a borrow source. If you have any questions, please let me know.

John

John Jurgensen, P.E.
Civil Engineer
Water Resources Office
USDA Natural Resources Conservation Service
Louisiana
Phone (318) 473-7694
Fax (318) 473-7747
Email john.jurgensen@la.usda.gov
WebPage www.la.nrcs.usda.gov

From: Monnerjahn, Christopher J MVN [mailto:Christopher.J.Monnerjahn@mvn02.usace.army.mil]
Sent: Tuesday, October 04, 2005 9:42 PM
To: Constance, Troy G MVN-ERO; Monnerjahn, Christopher J MVN; Browning, Gay B MVN; Daniel Llewellyn; Jurgensen, John - Alexandria, LA; Julie LeBlanc; Kevin Roy @ FWS; Pat Forbes @ GOCA; Phil Pittman @ DNR; Rachel Sweeney @ NOAA; Thomas Podany; Wes McQuiddy @ EPA; Paul, Britt - Alexandria, LA; Chris Knotts @ DNR; Cynthia Duet with GOCA; Darryl Clark @ FWS; Erik Zobrist; Gerry Duszynski @ DNR; Gregory Breerwood; Kirk Rhinehart @ DNR; Rick Hartman @ NOAA; Sharon Parrish @ EPA
Subject: CWPPRA, Technical Committee Mtg Agenda Item No. 10: Miss River as a Borrow Source

Technical Committee and P&E Subcommittee,
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Report:

Results of PPL 7 Thin Mat Floating Marsh Enhancement Demonstration Project (TE-36)

THIN-MAT FLOATING MARSH ENHANCEMENT

DEMONSTRATION PROJECT (TE-36)

Project Implementation

Charles Sasser, Guerry Holm, Jenneke Visser, and Erick Swenson
Coastal Ecology Institute, LSU

Project Management

Cindy Steyer, Natural Resources Conservation Service
Elaine Lear, Louisiana Department of Natural Resources

Technical Committee 10-19-05

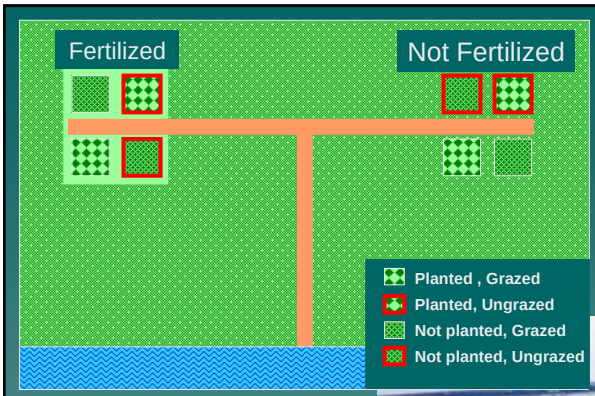
Objective

- Convert existing spikerush thin-mat floating marsh to thick-mat maidencane floating marsh
  - Evaluate transplanting of maidencane
  - Evaluate fertilization
  - Evaluate grazing exclusion
  - Evaluate combinations of the three methods

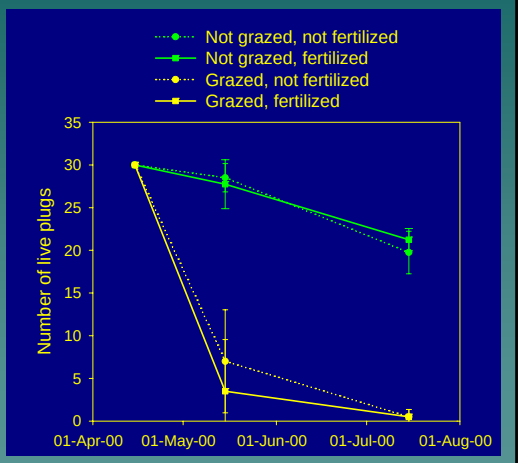
Location of Sites

All sites located on Continental Land and Fur Property

Site Layout



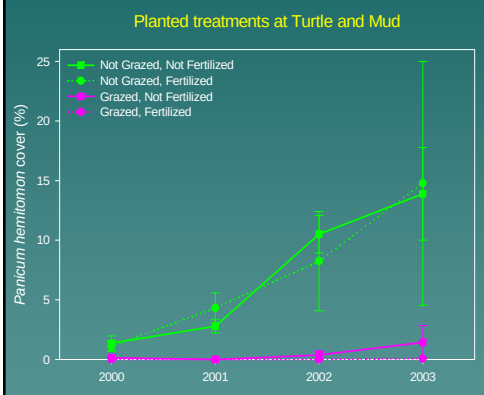
Survival of Transplanted Plugs



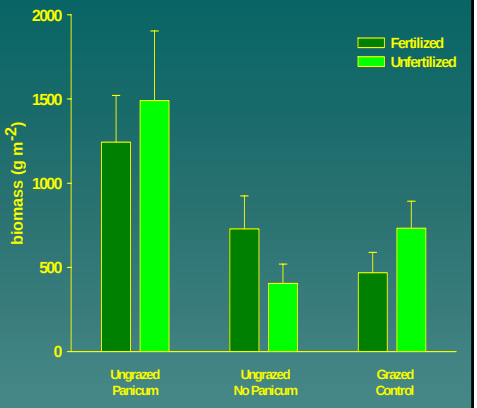
Nutria grazing in excluded treatments winter of 2000-01

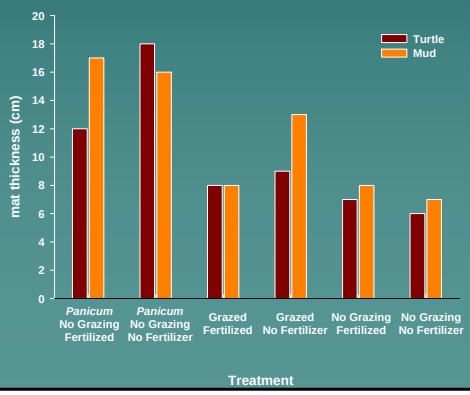
Site Name	Station Number	Planting Treatment	Fertilization Treatment
Texaco	4	None	Fertilized
Texaco	8	None	None
Towhead	2	Planted	None
Towhead	4	None	None
Towhead	8	None	Fertilized

Panicum hemitomon Cover

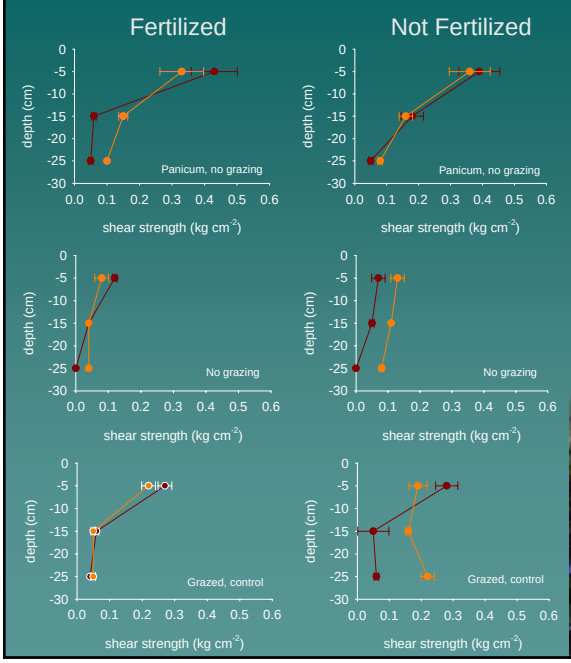


Belowground Biomass & Mat Thickness



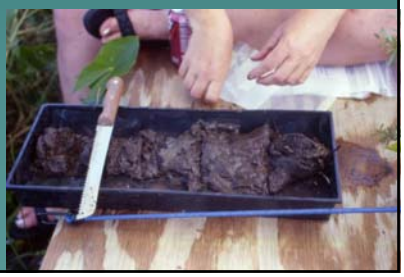


Soil Shear Strength



Spring 2004

- Turtle
- Mud



Conclusions

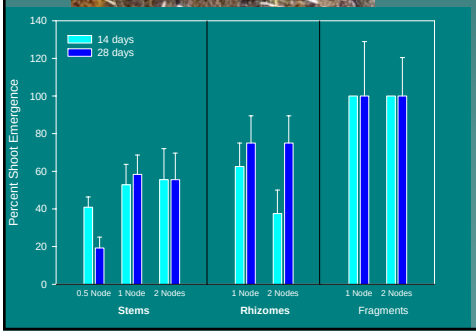
- Transplanted *Panicum hemitomon* survived, became established, and grew well at all sites only when protected from grazing.
- The re-introduction of *Panicum hemitomon* into the thin-mat floating marsh builds a thicker and stronger marsh mat.
  - Marsh soil strength and mat thickness were both increased by *Panicum hemitomon* growth coupled with grazing protection.
    - Soil strength gains were observed in the upper 20 cm of the soil profile.
    - An additional 10 cm of mat thickness was observed above that of control conditions.
  - Protection from grazing of the existing thin-mat marsh plant community did not enhance soil strength or apparent root mat thickness.
- Although fertilization initially stimulated aboveground coverage of *Panicum hemitomon*, by the end of the demonstration there was no statistically significant difference in end-of-season biomass of above ground plant material in non-fertilized versus fertilized treatments.
- The natural nutrient availability of our demonstration sites was adequate for the growth of *Panicum hemitomon*.

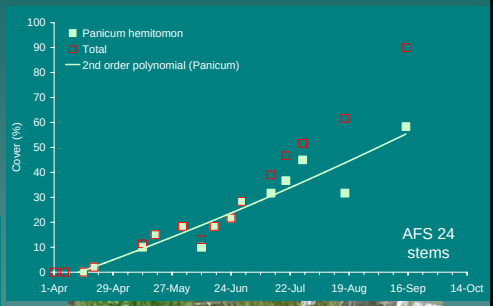
Recommendations

- Continue and enlarge the current CWPPRA nutria control program, and develop improved methods to control nutria population.
- Develop methods of large-scale planting or transplanting of *Panicum hemitomon* into degraded freshwater marsh areas, such as by spreading viable pieces of plant rhizome material or seeds by aerial application or from barges along bayous and canals.

Preliminary Results

Panicum hemitomon establishment from plant fragments





Questions ?

Additional Agenda Items

Announcement:

Date of Upcoming Task Force Meeting

The fall Task Force meeting will be held on November 2, 2005 at 9:30 a.m. in Baton Rouge, Louisiana.

Announcement:

Dates and Locations of Upcoming CWPPRA Meetings

		2005	
November 2, 2005*	**9:30 a.m.**	**Task Force**	**Baton Rouge**
December 7, 2005	9:30 a.m.	Technical Committee	Baton Rouge
		2006	
January 25, 2006	9:30 a.m.	Task Force	Baton Rouge
March 15, 2006	9:30 a.m.	Technical Committee	New Orleans
April 12, 2006	9:30 a.m.	Task Force	Lafayette
June 14, 2006	9:30 a.m.	Technical Committee	Baton Rouge
July 12, 2006	9:30 a.m.	Task Force	New Orleans
August 30, 2006	7:00 p.m.	PPL 16 Public Meeting	Abbeville
August 31, 2006	7:00 p.m.	PPL 16 Public Meeting	New Orleans
September 13, 2006	9:30 a.m.	Technical Committee	New Orleans
October 18, 2006	9:30 a.m.	Task Force	New Orleans
December 6, 2006	9:30 a.m.	Technical Committee	Baton Rouge
		2007	
January 31, 2007	9:30 a.m.	Task Force	Baton Rouge

Date changes shown in bold

* Previously scheduled for October 19, 2005 then October 26, 2005 in New Orleans