

# BREAUX ACT

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

### TECHNICAL COMMITTEE MEETING

#### AGENDA

May 30, 2007 9:30 a.m.

**Location:**

LA Department of Wildlife and Fisheries  
Louisiana Room  
2000 Quail Dr.  
Baton Rouge, La.

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

[http://www.mvn.usace.army.mil/pd/cwppra\\_mission.htm](http://www.mvn.usace.army.mil/pd/cwppra_mission.htm)

**Tab Number**

**Agenda Item**

- 1. Decision: Request for Additional Phase II Increment I Funding for the PPL 10 North Lake Mechant Landbridge Restoration Project (TE-44) (Darryl Clark, USFWS) 9:30 a.m. to 9:50 a.m.** The Technical Committee will consider a request by the USFWS and LDNR for additional funding for the North Lake Mechant Landbridge Restoration Project due to increased construction costs. The Task Force approved Phase II Increment I funding for construction Unit 2 in the amount of \$27,400,960 on October 13, 2004. Additional Phase II, Increment I funding in the amount of \$ 8,026,512 is needed because construction costs have increased as a result of the 2005 hurricanes.
- 2. Decision: Request for Construction Cost Increases for the PPL 11 Pass Chaland to Grand Bayou Pass Barrier Shoreline Restoration Project (BA-35) (Richard Hartman, NMFS) 9:50 a.m. to 10:10 a.m.** The Technical Committee will consider a request by NMFS and DNR for additional funding for the Pass Chaland segment of the Pass Chaland to Grand Bayou Pass Barrier Shoreline Restoration Project due to increased construction costs. Phase II Increment, I funding in the amount of \$ 26,904,301 was approved by the Task Force on February 8, 2006. Additional Phase II, Increment I funding in the amount of \$6,264,885 is needed because construction costs have increased as a result of the 2005 hurricanes.

- 3. Discussion: Additional Requests for Phase II, Increment I Authorization and Approval of Phase II, Increment I Funding (Troy Constance, USACE) 10:10 a.m. to 10:30 a.m.** At the February 15, 2007 Task Force meeting, the Task Force indicated that they would consider additional requests for Phase II Authorization and Phase II, Increment I funding. The Technical Committee was tasked with breaking down CWPPRA and CIAP construction and O&M costs for East Grand Terre Island Restoration (BA-30), GIWW Bank Restoration of Critical Areas in Terrebonne Parish, Segments 1, 2, and 6 (TE-43), Ship Shoal, Whiskey West Flank Restoration (TE-47), and South Lake DeCade, CU 1 (TE-39) to determine the costs to the CWPPRA program if these projects are funded for construction under CIAP. This information will be reported back to the Task Force for their consideration in potential funding decisions.
- 4. Discussion: Status of Unconstructed Projects (Julie LeBlanc, USACE) 10:30 a.m. to 10:45 a.m.** As directed by the Task Force, the Technical Committee will discuss the status of unconstructed CWPPRA projects which may be experiencing project delays. The P&E Subcommittee will report back on its March 27-28, 2007 meetings with individual project managers and provide feedback on its recommendations. The discussion will include individual project delays and potential solutions. The results of this discussion will be reported to the Task Force.
- 5. Decision: Transitioning Projects to Other Authorities (Melanie Goodman, USACE) 10:45 a.m. to 11:05 a.m.** As directed by the Technical Committee at its March 14, 2007 meeting, the Planning and Evaluation (P&E) Subcommittee reviewed Section 6.p. and Appendix H of the CWPPRA Standard Operating Procedures (SOP) Revision 13.0, dated March 14, 2007. The P&E Subcommittee determined that Appendix H contains procedures that duplicate procedures in Section 6.p. The P&E Subcommittee recommends removing Appendix H from the SOP and incorporating some of its procedures to Section 6.p. to eliminate duplicated or otherwise flawed procedures.
- 6. Decision: Project Transfer Request: Bayou Lamoque Freshwater Diversion (BS-13) (Gerry Duszynski, LDNR) 11:05 a.m. to 11:20 a.m.** The State requests that this project be transferred from the CWPPRA program to the Coastal Impact Assistance Program because it is a Tier 1 project in the State's Draft Coastal Impact Assistance Plan, and the State is currently designing the project to be executed under the State's Plan.
- 7. Decision: Project Life Cycle Least Cost Alternative Analysis as a 30% and 95% Design Review Requirement (Melanie Goodman, USACE) 11:20 a.m. to 11:30 a.m.** The Technical Committee decided at their March 14, 2007 meeting, that construction and long term O&M costs should be addressed as a life cycle investment. The Technical Committee approved a motion to incorporate project life cycle least cost alternative analysis as a 30% and 95% design review requirement. The P&E Subcommittee will discuss their recommendation.

- 8. Discussion: FY08 Planning Budget Development (Process, Size, Funding, etc.) (Troy Constance, USACE) 11:30 a.m. to 11:40 a.m.** The FY08 Planning Budget process shall be initiated to allow final Task Force approval of the FY08 Planning Budget at the October 17, 2007 Task Force Meeting. Ordinarily, the Task Force would have made suggestions at its spring meeting for the FY08 budget, including suggestions for a PPL 18 process; however, their meeting was cancelled. The Technical Committee will discuss and decide on a process to develop the FY08 budget, to include PPL18. This will be discussed further with the Task Force at the June 27, 2007 Task Force meeting to get additional direction for developing the FY08 Planning Budget and to get approval of a PPL 18 process.
- 9. Discussion: Impacts of Converting Non-cash Flow Projects to Cash Flow (Julie LeBlanc, USACE) 11:40 a.m. to 11:55 a.m.** As directed at the March 14, 2007 Technical Committee meeting, the P&E Subcommittee consulted with their respective agencies to determine the impacts of amending cost-share and land rights agreements to move PPL 1-8 projects to cash flow. The P&E Subcommittee will discuss their findings. The primary reason to consider moving PPL 1-8 projects to cash flow would be to free up long term O&M; however, there are other impacts that should be discussed. The Technical Committee will also discuss the impacts of moving PPL 1 through 8 projects that have not been constructed to cash flow (e.g., whether or not these projects would be subject to 30% and 95% design review requirements or otherwise have to compete annually for Phase II construction funding).
- 10. Discussion: Project Costs and Benefits Reevaluation Procedures for Requesting O&M Funding Increases (Melanie Goodman, USACE) 11:55 a.m. to 12:10 p.m.** At their March 14, 2007 meeting, the Technical Committee directed the P&E Subcommittee to develop a decision-making process for approving requests for increases in O&M funding. The P&E Subcommittee will discuss their recommended approach and request further direction from the Technical Committee to proceed.
- 11. Report: Presentation on the Standard Operating Procedures for Checks and Balances for Determining Benefits and Updating Cost Estimates (Kevin Roy, USFWS/ John Petitbon, USACE) 12:10 p.m. to 12:20 p.m.** As requested at the February 15, 2007 Task Force Meeting, the workgroup chairmen will make a short presentation on the SOP procedures related to benefits and cost estimates.
- 12. Additional Agenda Items (Troy Constance, USACE) 12:20 p.m. to 12:25 p.m.**
- 13. Date of Upcoming Task Force Meeting (Melanie Goodman, USACE) 12:25 p.m. to 12:30 p.m.** The next Task Force meeting will be held June 27, 2007 at the US Army Corps of Engineers, 7400 Leake Ave., District Assembly Room (DARM) in New Orleans, LA.

**14. Scheduled Dates of Future Program Meetings (Melanie Goodman, USAACE) 12:30 p.m. to 12:35 p.m.**

<b>2007</b>			
<b>June 27, 2007</b>	<b>9:30 a.m.</b>	<b>Task Force</b>	<b>New Orleans</b>
August 29, 2007	7:00 p.m.	PPL17 Public Meeting	Abbeville
August 30, 2007	7:00 p.m.	PPL17 Public Meeting	New Orleans
September 12, 2007	9:30 a.m.	Technical Committee	New Orleans
October 17, 2007	9:30 a.m.	Task Force	New Orleans
December 5, 2007	9:30 a.m.	Technical Committee	Baton Rouge
<b>2008</b>			
January 8, 2008	10:00 a.m.	RPT Region IV	Rockefeller Refuge
January 9, 2008	9:00 a.m.	RPT Region III	Morgan City
January 10, 2008	9:00 a.m.	RPT Region II	New Orleans
January 10, 2008	1:00 p.m.	RPT Region I	New Orleans
January 30, 2008	9:30 a.m.	Coast-wide RPT Voting	Baton Rouge
<b>February 13, 2008</b>	<b>9:30 a.m.</b>	<b>Task Force</b>	<b>Baton Rouge</b>
<b>March 19, 2008</b>	<b>9:30 a.m.</b>	<b>Technical Committee</b>	<b>New Orleans</b>
<b>April 23, 2008</b>	<b>9:30 a.m.</b>	<b>Task Force</b>	<b>Lafayette</b>
<b>June 18, 2008</b>	<b>9:30 a.m.</b>	<b>Technical Committee</b>	<b>Baton Rouge</b>
<b>July 16, 2008</b>	<b>9:30 a.m.</b>	<b>Task Force</b>	<b>New Orleans</b>
<b>August 27, 2008</b>	<b>7:00 p.m.</b>	<b>PPL 18 Public Meeting</b>	<b>Abbeville</b>
<b>August 28, 2008</b>	<b>7:00 p.m.</b>	<b>PPL 18 Public Meeting</b>	<b>New Orleans</b>
<b>September 10, 2008</b>	<b>9:30 a.m.</b>	<b>Technical Committee</b>	<b>New Orleans</b>
<b>October 15, 2008</b>	<b>9:30 a.m.</b>	<b>Task Force</b>	<b>New Orleans</b>
<b>December 3, 2008</b>	<b>9:30 a.m.</b>	<b>Technical Committee</b>	<b>Baton Rouge</b>
<b>2009</b>			
<b>February 4, 2009</b>	<b>9:30 a.m.</b>	<b>Task Force</b>	<b>Baton Rouge</b>

\* Dates in **BOLD** are new or revised dates.

Adjourn

Potential Construction Program Funding Requests for 15 Feb 07 Task Force Meeting					2/15/2007
	Total Request	TC?	Fed	Non-Fed	TC recommendation
<b>Funds Available:</b>					
Funds Available, 8 Feb 07 (including revised FY07 allocation, recent fax vote, and returned funds on Grand-White)			\$55,384,033	\$9,773,653	
<b>Total</b>	<b>\$65,157,686</b>		<b>\$55,384,033</b>	<b>\$9,773,653</b>	
<b>Agenda Item 4: Request for Additional Phase II Increment 1 Funds</b>					
W Lake Boudreaux (TE-46)	\$1,916,859	Y	\$1,629,330	\$287,529	\$1,916,859
<b>Total</b>	<b>\$1,916,859</b>		<b>\$1,629,330</b>	<b>\$287,529</b>	
<b>Agenda Item 5: Request for Additional Phase II Increment 1 Funds</b>					
Lake Borgne (PO-30)	\$6,925,824	Y	\$5,886,950	\$1,038,874	\$6,925,824
<b>Total</b>	<b>\$6,925,824</b>		<b>\$5,886,950</b>	<b>\$1,038,874</b>	
<b>Not on TF Agenda for Decision : Request for Phase II Authorization and Phase II Increment 1 Funding (O&amp;M only)</b>					
"Lake Borgne Segment" of MRGO/Lake Borgne SP (PO-32)	\$9,159,788		\$7,785,820	\$1,373,968	\$0
<b>Total</b>	<b>\$9,159,788</b>		<b>\$7,785,820</b>	<b>\$1,373,968</b>	
<b>Agenda Item 6: Request for Phase II Authorization and Phase II Increment 1 Funding</b>					
Barataria Basin LB, Phase 3, CU 7	\$21,538,790		\$18,307,972	\$3,230,819	\$0
Castille Pass Sediment Delivery	\$18,933,969		\$16,093,874	\$2,840,095	\$0
Dedicated Dredging on Barataria Basin Landbridge - Fill Site 1	\$15,231,142	Y	\$12,946,471	\$2,284,671	\$15,231,142
East Grand Terre Island Restoration	\$33,881,341		\$28,799,140	\$5,082,201	\$0
Freshwater Bayou Bank Stabilization - Belle Isle Canal - Lock	\$25,676,625		\$21,825,131	\$3,851,494	\$0
GIWW Bank Restoration in Critical Areas in Terrebonne (Segments 1,2,6)	\$13,175,993		\$11,199,594	\$1,976,399	\$0
Goose Point/Point Platte Marsh Creation	\$18,989,923	Y	\$16,141,435	\$2,848,488	\$18,989,923
Grand Lake Shoreline Protection - with Tebo Point	\$9,000,000	Y	\$7,650,000	\$1,350,000	\$9,000,000
Lake Borgne & MRGO Shoreline Protection - MRGO Segment	\$31,924,591		\$27,135,902	\$4,788,689	\$0
Rockefeller Refuge	\$10,544,865		\$8,963,135	\$1,581,730	\$0
Ship Shoal: Whiskey West Flank Restoration	\$48,901,961		\$41,566,667	\$7,335,294	\$0
South Lake DeCade - CU1	\$2,221,045		\$1,887,888	\$333,157	\$0
<b>Total</b>	<b>\$250,020,245</b>		<b>\$212,517,208</b>	<b>\$37,503,037</b>	
<b>December 2006/January 2007 Approvals</b>					
	<b>\$268,022,716</b>				<b>\$52,063,748</b>
<b>Available Funds Surplus/Shortage</b>					
					<b>\$13,093,938</b>

Status of CWPRA Construction Program Funding and Funding Requests for 30 May 07 Meeting						3/30/2007		
	Total	Yes?	Fed	Non-Fed	Calculate?			
<b>Funds Available:</b>								
Funds Available, 8 Feb 07 (including FY07 allocation and funding approved at 15 Feb 07 Task Force mtg)	\$13,093,908		\$11,129,822	\$1,964,086	\$13,093,908			
FY08 Funding Allocation (for informational purposes only)	\$89,213,024		\$75,831,070	\$13,381,954	\$0			
<b>Total</b>	<b>\$102,306,932</b>		<b>\$86,960,892</b>	<b>\$15,346,040</b>	<b>\$13,093,908</b>			
<b>Agenda Item 1-2: Request for Additional Phase II Increment 1 Funds</b>								
PPL10 - North Lake Mechant Landbridge Restoration Project (TE-44)	\$8,026,512	Y	\$6,822,535	\$1,203,977	\$8,026,512			
PPL11 - Pass Chalant to Grand Bayou Pass Barrier Shoreline Restoration Project (BA-35)	\$6,264,855	Y	\$5,325,127	\$939,728	\$6,264,855			
<b>Total</b>	<b>\$14,291,367</b>		<b>\$12,147,662</b>	<b>\$2,143,705</b>	<b>\$14,291,367</b>			
<b>Agenda Item 3: Additional CWPRA Funding Requests that Task Force May Consider (ESTIMATED, NOT a FORMAL REQUEST)</b>						3 yrs OM&M	Federal S&A/Corps Admin	
PPL9 - East Grand Terre Island Restoration (BA-30)	\$2,546,835		\$2,164,810	\$382,025	\$0	\$2,546,835	\$369,075	
PPL10 - GIWW Bank Restoration of Critical Areas in Terrebonne Parish, Segments 1, 2, and 6 (TE-43)	\$1,612,294		\$1,370,450	\$241,844	\$0	\$1,612,294	\$340,676	
PPL11 - Ship Shoal, Whiskey Island Flank Restoration (TE-47)	\$48,901,961		\$41,566,667	\$7,335,294	\$0			
PPL9 - South Lake DeCade, CU 1 (TE-39)	\$2,221,045		\$1,887,888	\$333,157	\$0			
PPL11 - Grand Lake Shoreline Protection with Tebo Point Extension	\$170,436		\$144,871	\$25,565	\$0	already approved	\$170,436	
<b>Total</b>	<b>\$55,452,571</b>		<b>\$47,134,685</b>	<b>\$8,317,886</b>	<b>\$0</b>			
<b>Potential Sources of Return of Funds to Program (ESTIMATED, NOT a FORMAL RETURN of FUNDS)</b>								
Agenda Item 6. Decision: Project Transfer Request, Bayou Lamoque Freshwater Diversion (BS-13)	-\$1,196,070	Y	-\$1,016,660	-\$179,411	-\$1,196,070			
Agenda Item 9: Discussion: Impact of Converting Non-Cash Flow Projects to Cash Flow	-\$4,861,306		-\$4,132,110	-\$729,196	\$0		* Monitoring ONLY (O&M not calculated)... potential return for years FY11-28	
Agenda Item 4: Status of Unconstructed Funds (Potential Return of funds - de-authorizations)	-\$3,651,071		-\$3,103,410	-\$547,661	\$0		* Unexpended Balance for projects on potential de-authorization list	
<b>Total</b>	<b>-\$1,196,070</b>		<b>-\$8,252,180</b>	<b>-\$1,456,267</b>	<b>-\$1,196,070</b>			
<b>Available Funds Surplus/Shortage</b>							<b>-\$1,389</b>	

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

May 30, 2007

**REQUEST FOR ADDITIONAL PHASE II INCREMENT I FUNDING FOR THE  
PPL 10 NORTH LAKE MECHANT LANDBRIDGE RESTORATION PROJECT**

**For Decision:**

The Technical Committee will consider a request by the USFWS and LDNR for additional funding for the North Lake Mechant Landbridge Restoration Project due to increased construction costs. The Task Force approved Phase II, Increment I funding for construction Unit 2 in the amount of \$27,400,960 on October 13, 2004. Additional Phase II, Increment I funding in the amount of \$ 8,026,512 is needed because construction costs have increased as a result of the 2005 hurricanes.



# North Lake Mechant Landbridge Restoration (TE-44)

## Project Status

**Approved Date:** 2001      **Cost:** \$31.0 million  
**Project Area:** 8,877 acres      **Status:** Construction  
**Net Benefit After 20 Years:** 604 acres  
**Project Type:** Dredged Material/Marsh Creation and Vegetative Planting

## Location

The project is located in the Terrebonne Basin, in Terrebonne Parish, Louisiana.

## Problems

The project would protect and restore a critical landbridge barrier between the easily erodible fresh marshes north of Bayou De Cade and the higher saline environment of Lake Mechant. At the present shoreline erosion rate, the north Lake Mechant shore will soon fail to act as a barrier, allowing the hydrologic connection between Lake Mechant and the fresher marshes to the north.

In addition, erosion and deterioration along the banks of Raccourci Bayou are threatening to enlarge and straighten this winding tidal pass into a major conduit for water exchange. These changes will accelerate the loss of the remaining interior marshes, extend lake-like conditions, and increase salinities north to Bayou De Cade.

Should shoreline breaching and enlargement of tidal channels allow high tidal energy conditions to intrude into the project area, the organic interior marshes would likely experience increased loss rates.



Northern shoreline of Lake Mechant showing the saltmeadow cordgrass (*Spartina patens*) dominated marsh eroding behind a large stand of smooth cordgrass (*Spartina alterniflora*) left standing at the water's edge.

## Restoration Strategy

Dredged material from northern Lake Mechant will be used to create marsh. Smooth cordgrass (*Spartina alterniflora*) will also be planted along the shorelines of Lake Mechant, Goose Bay, and Lake Pagie. The project will also repair breeches formed by erosion and oilfield access canals which threaten the integrity of the landbridge.

## Progress to Date

The Louisiana Department of Natural Resources will conduct project engineering and design work in-house. In February 2001, the Louisiana Department of Wildlife and Fisheries established a public oyster seed ground in Lake Mechant. That seed ground and several private oyster leases may impact proposed project construction activities. Work is underway to address oyster lease impact issues. The shoreline vegetation plantings were installed in summer 2003. The Louisiana Coastal Wetlands Conservation and Restoration Task Force granted construction approval in October 2004. This project is on Priority Project List 10.



Aerial photo of the shoreline of Lake Mechant showing the narrow lake rim and deteriorating marsh to the north. Dredged material will be pumped into this broken marsh to create new marsh to maintain this land bridge.

For more project information, please contact:



**Federal Sponsor:**  
U.S. Fish and Wildlife Service  
Lafayette, LA  
(337) 291-3100

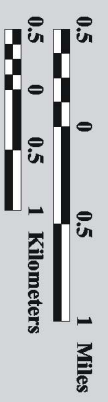


**Local Sponsor:**  
Louisiana Department of Natural Resources  
Baton Rouge, LA  
(225) 342-7308



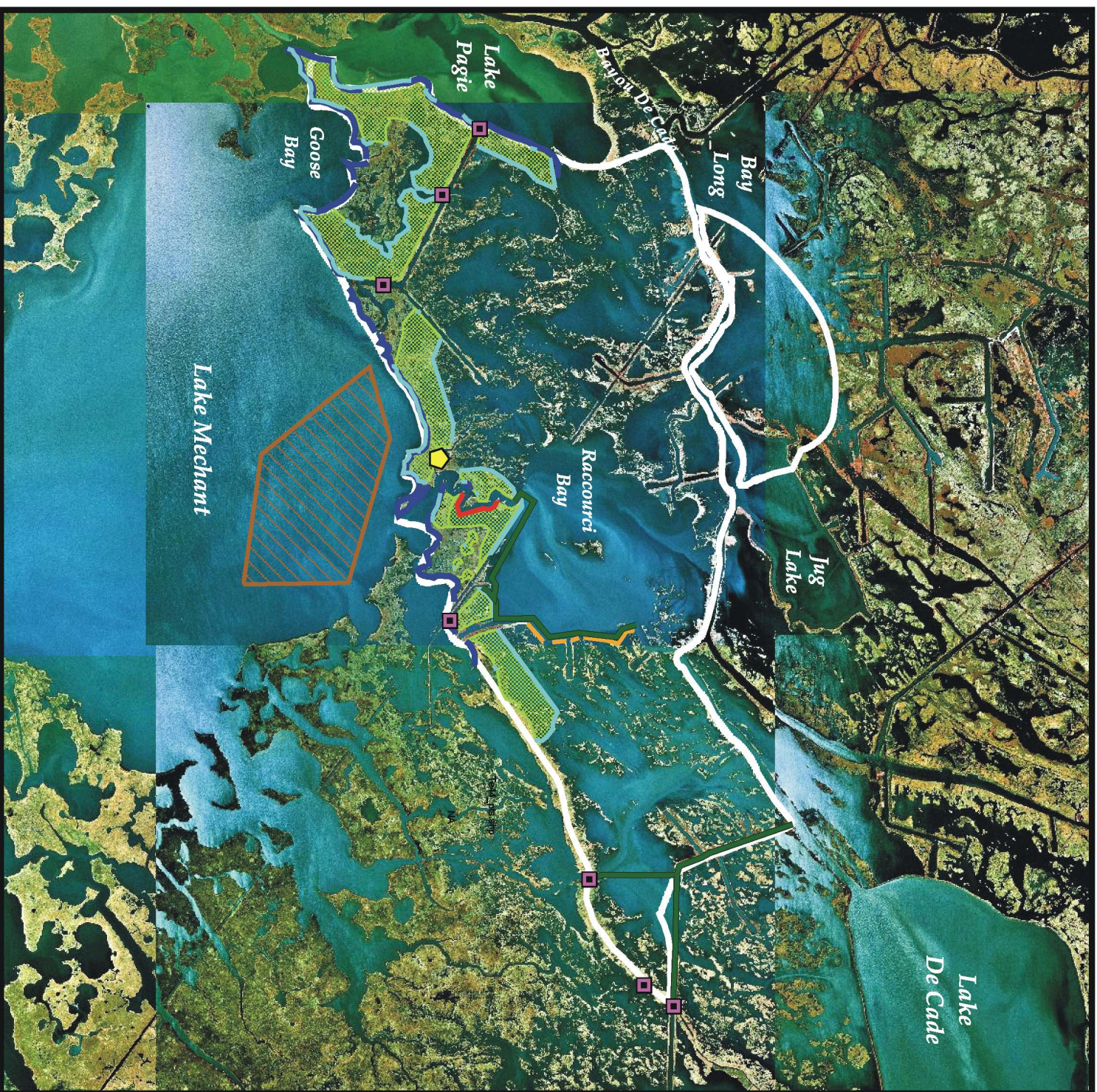
# North Lake Mechant Landbridge Restoration (TE-44)

-  Plug\*
  -  Replace Existing Weir
  -  Concrete Mat Over Earthen Material \*
  -  Containment \*
  -  Flotation For Rock Barges \*
  -  Spoil Disposal \*
  -  Vegetation Plantings \*
  -  Borrow Site \*
  -  Marsh Creation Area \*
  -  Project Boundary
- \* denotes proposed feature



Map Produced By:  
 U.S. Department of the Interior  
 U.S. Geological Survey  
 National Wetlands Research Center  
 Coastal Restoration Field Station

Background Imagery:  
 1998 Digital Orthophoto Quarter Quadrangle  
 Map Date: January 7, 2005  
 Map ID: USGS-NWRC 2005-11-0060  
 Data accurate as of: January 7, 2005



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

May 30, 2007

**Request for Construction Cost Increases for the PPL 11 Pass Chaland to Grand Bayou Pass Barrier Shoreline Restoration Project**

**For Decision:**

The Technical Committee will consider a request by NMFS and DNR for additional funding for the Pass Chaland segment of the Pass Chaland to Grand Bayou Pass Barrier Shoreline Restoration Project due to increased construction costs. Phase II Increment I funding in the amount of \$ 26,904,301 was approved by the Task Force on February 8, 2006. Additional Phase II, Increment I funding in the amount of \$6,264,885 is needed because construction costs have increased as a result of the 2005 hurricanes.

## Pass Chaland to Grand Bayou Pass (BA-35)

May 30, 2007

### Overview & Status

**Project Location:**

Barataria Basin, immediately west of Shell Island

**Problem:**

On-going shoreline erosion has resulted in breaching of the barrier shoreline

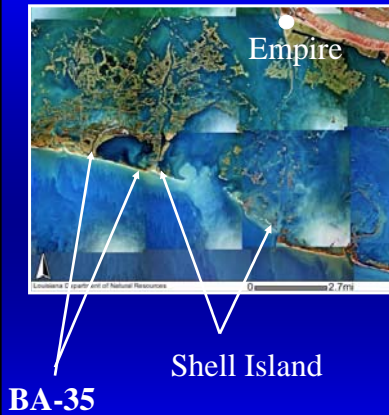
**Goals:**

Restore beach and dune to prevent breaching and maintain shoreline integrity

**Status:**

Funded for construction February 2006. Redesign and oyster clearance on-going. Advertise construction winter 2007.

## Project Location and Features



- Restore 2.6 miles barrier shoreline
- Create 524 acres of barrier island post-construction
- Provide 262 net acres at TY20



## Project Cost Changes

- Project site changes since 2006 design include shoreline breaching and volumetric losses
- Business climate changes include increased fuel costs and support sector demands
- Phase Two approval (February 2006)
  - Fully funded cost = \$30.2 M
  - Increment One = \$ 26.9 M
- Current estimated costs
  - Fully funded cost = \$36.5 M
  - Increment One = \$33.2 M
- Total increase = \$6.3 M (21% increase)
- No anticipated change in project benefits

## Current Status

- Project conditions deteriorating rapidly – project costs increasing
- Re-design surveys complete. Oyster assessments and clearance anticipated complete Fall 2007.
- Advertise construction contract Winter 2007 with construction beginning early 2008.



## Questions?





## Project Benefits & Costs

### Project benefits

- Maintain 2.6 miles of critically eroding shoreline
- Provide 262 net acres at TY20
- Create and restore 524 acres of barrier island immediately post-construction

### Project costs

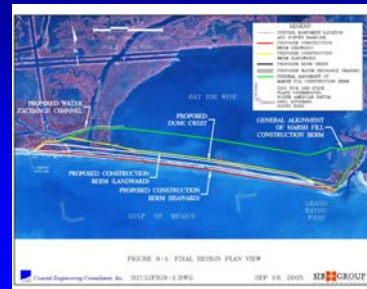
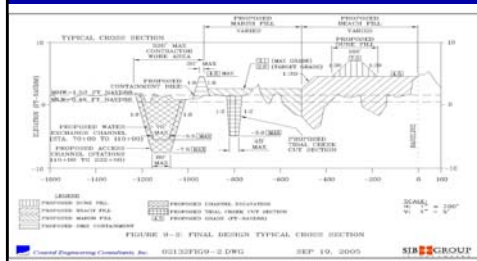
- The Fully Funded Cost for the project is: \$30,217,567
- Phase II, Increment 1 request is \$ 26,904,301

### Prioritization Score

- 49.9

# Project Features Overview

- Restore 2.6 miles barrier shoreline through construction of + 7 foot dune with 5 foot beach berm.
- Construct 371-acre marsh platform north of and contiguous to the beach and dune fill to provide foundation for continued shoreline rollover and retreat.



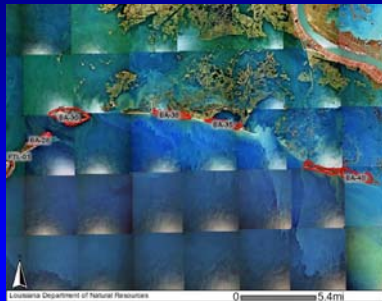
# Current Status

- Project conditions deteriorating rapidly – project costs increasing and rate of increase will escalate rapidly
- Project won't be feasible for a CWPPRA-scale solution within a few years



## Project Need

- Project is one component of overall basin-wide effort to restore barrier shoreline (six projects in various stages)
- Prevent Shell Island from becoming three miles wider
- Critical defensive strategy - maintain existing landforms





COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

May 30, 2007

**ADDITIONAL REQUESTS FOR PHASE II, INCREMENT I AUTHORIZATION  
AND APPROVAL OF PHASE II, INCREMENT I FUNDING**

**For Discussion:**

At the February 15, 2007 Task Force meeting, the Task Force indicated that they would consider additional requests for Phase II Authorization and Phase II, Increment I funding. The Technical Committee was tasked with breaking down CWPPRA and CIAP construction and O&M costs for East Grand Terre Island Restoration (BA-30), GIWW Bank Restoration of Critical Areas in Terrebonne Parish, Segments 1, 2, and 6 (TE-43), Ship Shoal, Whiskey West Flank Restoration (TE-47), and South Lake DeCade, CU 1 (TE-39) to determine the costs to the CWPPRA program if these projects are funded for construction under CIAP. This information will be reported back to the Task Force for their consideration in potential funding decisions.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

May 30, 2007

**STATUS OF UNCONSTRUCTED PROJECTS**

**For Discussion:**

As directed by the Task Force, the Technical Committee will discuss the status of unconstructed CWPPRA projects which may be experiencing project delays. The P&E Subcommittee will report back on its March 27-28, 2007 meetings with individual project managers and provide feedback on its recommendations. The discussion will include individual project delays and potential solutions. The results of this discussion will be reported to the Task Force.

P&E Subcommittee Review of Unconstruction Projects - SUMMARY SHEET

14-May-07

#*	PROJECT	AGENCY	PL	Authorization Date	CSA Execution	Phase I Approval	Phase II Approval	Const Start	Const Compl	1st cost Unexpended	Monitoring Unexpended	O&M Unexpended	TOTAL Unexpended	TOTAL Unobligated	"W" List <sup>1</sup>	"W/C" list <sup>2</sup>	"W/C*" List <sup>3</sup>	"D" List <sup>4</sup>	"LSP" List <sup>5</sup>
1	Central and Eastern Terrebonne Freshwater Delivery (Complex Project)	FWS		10/1/1999 as complex project						408,490			408,490	144,514					
2	Fort Jackson Sediment Diversion (Complex Project)	COE		10/1/1999 as complex project						3,498			3,498	3,498					
3	Brown Lake Hydrologic Restoration	NRCS	2	19-Oct-92	28-Mar-94	A		1-Feb-08	1-Feb-09	2,373,353	423,038	431,534	3,227,926	2,212,023					
4	West Pointe a la Hache Outfall Management	NRCS	3	01-Oct-93	5-Jan-95	A				1,981,867	762,893	829,089	3,573,848	3,499,125					
5	Grand Bayou Hydrologic Restoration	FWS	5	28-Feb-96	28-May-04	A		1-Dec-08	1-May-09	3,289,975	879,042	2,744,800	6,913,817	5,679,177					
6	Lake Boudreaux Freshwater Introduction	FWS	6	24-Apr-97	22-Oct-98	A		1-Sep-08	1-Mar-09	5,425,406	731,627	3,245,424	9,402,458	8,688,570					
7	Penchant Basin Natural Resources Plan, Increment 1	NRCS	6	24-Apr-97	23-Apr-02	A		1-Feb-08	1-Jan-09	10,151,827	815,583	1,855,804	12,823,215	11,670,189					
8	Little Pecan Bayou Hydrologic Restoration	NRCS	9	11-Jan-00	25-Jul-00	A	11-Jan-00	30-Jan-09	30-Aug-09	1-Jul-09	876,755	88,081	964,836	227,701					
9	Opportunistic Use of the Bonnet Carre Spillway	COE	9	11-Jan-00	31-Jan-07	A	31-Jan-08	1-May-08	1-Nov-08	54,797	51,338		106,135	81,451					
10	Periodic Intro of Sediment and Nutrients at Selected Diversion Sites Demo (DEMO)	COE	9	11-Jan-00	15-May-06	A	11-Jan-00	1-Oct-07	1-Sep-08	1,402,595	68,497		1,471,091	1,471,091					
11	Weeks Bay MC and SP/Commercial Canal/Freshwater Redirection	COE	9	11-Jan-00		A	11-Jan-00			672,098	37,935		710,033	697,703					
12	Benneys Bay Diversion	COE	10	10-Jan-01	30-Jan-07	A	31-Jan-08	1-Mar-08	1-Nov-09	149,418	25,594		175,012	131,592					

#*	PROJECT	AGENCY	PL	Authorization Date	CSA Execution	Phase I Approval	Phase II Approval	Const Start	Const Compl	1st cost Unexpended	Monitoring Unexpended	O&M Unexpended	TOTAL Unexpended	TOTAL Unobligated	"W" List <sup>1</sup>	"W/C" list <sup>2</sup>	"W/C*" List <sup>3</sup>	"D" List <sup>4</sup>	"LSP" List <sup>5</sup>			
13	Lake Borgne Shoreline Protection	EPA	10	10-Jan-01	2-Oct-01	A	10-Jan-01	A	8-Feb-06	A	1-Jun-07	1-Jun-08	20,778,391	26,037	3,463,803	24,268,231	3,669,411					
14	Small Freshwater Diversion to the Northwestern Barataria Basin	EPA	10	10-Jan-01	8-Oct-01	A	10-Jan-01	A	31-Jan-10	1-May-11	1-May-13	1,770,379	4,109	1,774,488	228,238							
15	Terrebonne Bay Shore Protection Demonstration (DEMO)	FWS	10	10-Jan-01	24-Jul-01	A	10-Jan-01	A	10-Jan-01	A	1-Apr-07	30-Sep-07	1,609,686	410,208	48,700	2,068,594	333,997					
16	River Reintroduction into Maurepas Swamp	EPA	11	16-Jan-02	4-Apr-02	A	07-Aug-01	A	30-Jan-09	1-Jun-09	1-Jun-11	4,550,639	40,740	4,591,379	1,428,032							
17	South Grand Chenier Hydrologic Restoration	FWS	11	16-Jan-02	3-Apr-02	A	16-Jan-02	A	30-Jan-08	1-Jun-08	1-Mar-09	1,960,479	42,596	2,003,075	1,167,676							
18	Avoca Island Diversion and Land Building	COE	12	16-Jan-03	1-Jan-07		16-Jan-03	A	31-Jan-08	15-Jul-08	15-Jun-09	722,305	43,619	765,924	761,455							
19	Bayou Dupont Sediment Delivery System	EPA	12	16-Jan-03	21-Mar-04	A	16-Jan-03	A	30-Jan-08	1-May-08	1-Nov-08	2,333,033	37,760	2,370,793	290,144							
20	Mississippi River Sediment Trap	COE	12	16-Jan-03	30-Jan-07		07-Aug-02	A	31-Jan-08	1-Aug-08	1-Mar-09	1,670,074	23,620	1,693,694	1,545,940							
21	Jonathan Davis Wetland Restoration	NRCS	2	19-Oct-92	5-Jan-95	A				22-Jun-98	A	1-Mar-08	13,615,838	361,409	7,243,416	21,220,663	1,104,578					
24	Bayou Lafourche Siphon	EPA	5	28-Feb-96	19-Feb-97	A							-	-								
25	Myrtle Grove Siphon	NMFS	5	28-Feb-96	20-Mar-97	A							-	-								
26	Mississippi River Reintroduction into Bayou Lafourche	EPA	5.1	25-Oct-01	23-Jul-03	A							2,771,673	63,230	2,834,903	1,389,228						
34	LaBranche Wetlands Terracing, Planting, and Shoreline Protection	NMFS	9	11-Jan-00	21-Sep-00	A	11-Jan-00	A					-	-								

#*	PROJECT	AGENCY	PL	Authorization Date	CSA Execution	Phase I Approval	Phase II Approval	Const Start	Const Compl	1st cost Unexpended	Monitoring Unexpended	O&M Unexpended	TOTAL Unexpended	TOTAL Unobligated	"W" List <sup>1</sup>	"W/C" list <sup>2</sup>	"W/C*" List <sup>3</sup>	"D" List <sup>4</sup>	"LSP" List <sup>5</sup>
37	Delta Building Diversion at Myrtle Grove	COE	10	10-Jan-01		10-Jan-01	A			947,946			947,946	759,701					
38	Delta Building Diversion North of Fort St. Philip	COE	10	10-Jan-01	1-Mar-07	10-Jan-01	A	31-Jan-08	1-Nov-08	372,344	14,478		386,822	397,609					
41	North Lake Mechant Landbridge Restoration	FWS	10	10-Jan-01	16-May-01	10-Jan-01	A	7-Aug-02	1-Apr-03	26,528,049	54,597	329,028	26,911,674	27,688,190					
42	Barataria Barrier Island: Pelican Island and Pass La Mer to Chaland Pass	NMFS	11	16-Jan-02	6-Aug-02	16-Jan-02	A	28-Jan-04	25-Mar-06	51,979,652	283,276	241,152	52,504,080	8,619,115					
45	Pass Chaland to Grand Bayou Pass Barrier Shoreline Restoration	NMFS	11	16-Jan-02	6-Aug-02	16-Jan-02	A	8-Feb-06	1-Sep-07	24,668,640	274,251	2,452,260	27,395,151	6,436,839					
46	Raccoon Island Shoreline Protection/Marsh Creation, Ph 2	NRCS	11	16-Jan-02	23-Apr-02	16-Jan-02	A	13-Oct-04	13-Dec-05	4,158,857	181,347	28,764	4,368,968	639,556					

\* Project Number was from original list developed in support of 6 Dec 06 Technical Committee meeting. Keeping this number allows for easier cross-referencing to past analysis.

<sup>1</sup> "W" List. Projects on this list are recommended for "watching" milestones only. A list of milestones is included on "W" List tab.

<sup>2</sup> "W/C" List. Projects on this list are recommended for "watching", however, there is a critical milestone that must be met in order to keep the project on-track. This critical milestone is included on the "W/C" list tab.

<sup>3</sup> "W/C\*" List. Projects on this list are recommended for "watching", however, the P&E Subcommittee does not have enough information to make a recommendation. This critical milestone must be accomplished before the P&E can make a recommendation on direction. This critical milestone is included on the "W/C\*" List tab.

<sup>4</sup> "D" List. The P&E Subcommittee recommends, by a majority vote, that these projects be considered for de-authorization. The reason(s) for the potential deauthorization is included on the "D" List tab.

<sup>5</sup> "LSP" List. This category is for informational purposes only and is not tied to a recommendation of the P&E Subcommittee. Projects under this category are large scale projects in which CWPPRA has invested Phase I funds.

P&E Subcommittee Review of Unconstruction Projects - "WATCH" LIST (sorted by PPL)

#	PROJECT	AGENCY	PL	"W" List	Milestones
21	Jonathan Davis Wetland Restoration	NRCS	2		<ol style="list-style-type: none"> <li>1. Construction Unit #1 was advertised on 14 Mar 07.</li> <li>2. Site showing on 1 May 07.</li> <li>3. Construction to begin by Jun 07.</li> <li>4. Construction complete within 18 months of NTP.</li> </ol>
7	Penchant Basin Natural Resources Plan, Increment 1	NRCS	6		<ol style="list-style-type: none"> <li>1. Submit WVA to Workgroups in Jun 07.</li> <li>2. Construction approval request in Sept 07 to Technical Committee.</li> </ol>
8	Little Pecan Bayou Hydrologic Restoration	NRCS	9		<ol style="list-style-type: none"> <li>1. 30% design review in Mar 08.</li> <li>2. 95% design review in Sep 08.</li> <li>3. Task Force approval request in Feb 09.</li> </ol>
13	Lake Borgne Shoreline Protection	EPA	10		<ol style="list-style-type: none"> <li>1. Construction to begin in Jun 07.</li> </ol>
15	Terrebonne Bay Shore Protection Demonstration (DEMO)	FWS	10		<ol style="list-style-type: none"> <li>1. Tech Committee approved reducing to two treatments. The project has been advertised for bids. A pre-bid meeting is scheduled for May 31, 2007 and bids will be opened on June 14, 2007.</li> </ol>
37	Delta Building Diversion at Myrtle Grove	COE	10		<ol style="list-style-type: none"> <li>1. Task Force decision/milestones for transfer will be followed.</li> <li>2. Model to be completed in Oct 07.</li> <li>3. Final report from model to be completed in Dec 07.</li> <li>4. CWPPRA closeout and transfer out of CWPPRA in Feb 08.</li> </ol>
38	Delta Building Diversion North of Fort St. Philip	COE	10		<ol style="list-style-type: none"> <li>1. 30% design review completed in Aug 05.</li> <li>2. 95% design review in Jun 07.</li> <li>3. Request Phase II in Feb 08.</li> </ol>
41	North Lake Mechant Landbridge Restoration	FWS	10		<ol style="list-style-type: none"> <li>1. Construction to begin in Oct 07.</li> </ol>
16	River Reintroduction into Maurepas Swamp	EPA	11		<ol style="list-style-type: none"> <li>1. 30% design review in Feb 08.</li> <li>2. 95% design review in Oct 08.</li> <li>3. Phase II request in Feb 09.</li> </ol>
17	South Grand Chenier Hydrologic Restoration	FWS	11		<ol style="list-style-type: none"> <li>1. 30% design review in Mar 08.</li> <li>2. Task Force Phase II approval request in Feb 09.</li> </ol>
42	Barataria Barrier Island: Pelican Island and Pass La Mer to Chalant Pass	NMFS	11		<ol style="list-style-type: none"> <li>1. Oyster clearance in Sep 07.</li> <li>2. Contract award Dec 07.</li> <li>3. Construction spring/summer 08</li> </ol>
45	Pass Chalant to Grand Bayou Pass Barrier Shoreline Restoration	NMFS	11		<ol style="list-style-type: none"> <li>1. Oyster clearance in Sep 07.</li> <li>2. Contract award Dec 07.</li> <li>3. Construction spring/summer 08</li> </ol>
46	Raccoon Island Shoreline Protection/Marsh Creation, Ph 2	NRCS	11		<ol style="list-style-type: none"> <li>1. CU1 currently under construction.</li> <li>2. CU2 30% design review to be held in Jun 07.</li> <li>3. 95% design review in Oct 07.</li> <li>4. Request Phase II in Feb 08.</li> </ol>
18	Avoca Island Diversion and Land Building	COE	12		<ol style="list-style-type: none"> <li>1. Schedule 30% design review in May/June 07.</li> <li>2. Submit 95% design review report to LDNR in Jun/Jul 07.</li> <li>3. Aug 07 - announce 95% design review.</li> <li>4. Request Phase II construction approval in Feb 08.</li> </ol>
19	Bayou Dupont Sediment Delivery System	EPA	12		<ol style="list-style-type: none"> <li>1. 30% design review in Jul 07.</li> <li>2. 95% design review in Sep 07.</li> <li>3. Phase II request in Feb 08.</li> </ol>

P&E Subcommittee Review of Unconstruction Projects - "WATCH/CRITICAL" LIST (sorted by PPL)

#	PROJECT	AGENCY	PL	"W/C" list	Critical Milestone(s)	Current Phase	1st cost unexpended	Monitoring Unexpended	O&M Unexpended	TOTAL Unexpended	TOTAL Unobligated
1	Central and Eastern Terrebonne Freshwater Delivery (Complex Project)	FWS			Modeling (critical milestone) to be completed by Sept 07. Environmental (WVA), engineering, and economic analyses to be completed by Spring 2008 Technical Committee meeting. Phase I funding request in Sept/Oct 2008.	0	\$408,490			\$408,490	\$144,514
2	Fort Jackson Sediment Diversion (Complex Project)	COE			State to determine if there is still opposition to a Phase I request. Would LDNR support a Phase I request? (In the LDNR-Corps quarterly project meeting on 18 Apr 07, LDNR told the Corps to move forward with Phase I request.) State reviewed draft State Master Plan and determined that project is consistent. If the State agrees with moving ahead with Phase I request, team will complete a revised cost estimate for the project and request Phase I funds in Sep/Oct 07.	0	\$3,498			\$3,498	\$3,498
4	West Pointe a la Hache Outfall Management	NRCS	3		NRCS/LDNR to notify the Technical Committee ASAP via email of the change in scope (from Outfall Management to modifying the siphon) and the intent of the sponsors to move forward. The intent is to request a formal change in scope from the Technical Committee in Sep 07 once more information is available to aid the Tech Committee in making a decision.	N/A	\$1,981,867	\$762,893	\$829,089	\$3,573,849	\$3,499,125
5	Grand Bayou Hydrologic Restoration	FWS	5		Hydrologic modeling runs to be completed in Oct 07. Once model is complete, hold an interagency meeting (at the Workgroup level) to determine what the benefits and costs are (target Nov 07). Review of modeling results to ensure the benefits are still there. Environmental review of benefits triggered with change in benefits. Reivew cost too coincidentally with environmental review. Once TC email is sent (and there are no objections), the plan is to revise benefits and costs (planning-level scope) to present scope change to the TC for approval (Dec 5th meeting). New WVA is required. Have to redo boundary, new habitat from USGS, etc.	N/A	\$3,289,975	\$879,042	\$2,744,800	\$6,913,817	\$5,679,177
12	Benneys Bay Diversion	COE	10		Project is complete to a 95% design review level. Issue of the cost (to the project) of induced shoaling is unresolved. LDNR is preparing a letter to the Corps requesting a reduction in the size of the diversion. A policy-level decision is necessary to determine induced shoaling position. Corps and LDNR to explore options for project path (once letter from LDNR is received by the Corps).	I	\$149,418	\$25,594		\$175,012	\$131,592
14	Small Freshwater Diversion to the Northwestern Barataria Basin	EPA	10		Once the mitigation bank is approved, hold meeting with landowner, get sense from landowner that they will support moving forward with the CWPPRA project. Also need to determine the status of other landowners on project alignment to justify moving forward with Phase I modeling. Complete these 2 efforts by Mar 08. The team will not move ahead with E&D until landowner issues are resolved.	I	\$1,770,379	\$4,109		\$1,774,488	\$228,238
20	Mississippi River Sediment Trap	COE	12		Project is one time event to build marsh. LDNR is preparing a letter to the Corps requesting a reduction in the size of the project. Corps and LDNR to explore options for project path (once letter from LDNR is received by the Corps.). Plan is to report updated cost estimate and request change in scope from Technical Committee/Task Force.	I	\$1,670,074	\$23,620		\$1,693,694	\$1,545,940
							\$9,273,701	\$1,695,258	\$3,573,889	\$14,542,848	\$11,232,084

P&E Subcommittee Review of Unconstruction Projects - "WATCH/CRITICAL asterisk" (sorted by PPL)

#	PROJECT	AGENCY	PL	Authorization Date	"W/C*" List	Critical Milestone(s)	Current Phase	1st cost unexpended	Monitoring Unexpended	O&M Unexpended	TOTAL Unexpended	TOTAL Unobligated
3	Brown Lake Hydrologic Restoration	NRCS	2	19-Oct-92		P&E has requested another WVA be completed (reasons: 15 years since WVA done, uncertainty in benefits, changes in project area, new model development). P&E Subcommittee will take another look at a specific recommendation once benefits are re-evaluated by the Workgroups (to be submitted by the end of Aug 2007). Plan to re-affirm construction approval from TC/TF in Sep/Oct 07.	N/A	\$2,373,353	\$423,038	\$431,534	\$3,227,925	\$2,212,023
6	Lake Boudreaux Freshwater Introduction	FWS	6	24-Apr-97		LDNR informed the Technical Committee on 29 May 07 that the Parish has obtained landrights for the conveyance channel (with terms acceptable to LDNR). A new WVA will be completed to review benefits and a new cost estimate will be completed.	N/A	\$5,425,406	\$731,627	\$3,245,424	\$9,402,457	\$8,688,570
10	Periodic Intro of Sediment and Nutrients at Selected Diversion Sites Demo (DEMO)	COE	9	11-Jan-00		The P&E Subcommittee needs more information from the project team. PMT to complete a 'feasibility report' by mid Nov 07 to determine whether or not to de-authorize due to belief that demo is not cost effective or innovative. The P&E Subcommittee will review and provide a recommendation for direction once complete.	N/A	\$1,402,595	\$68,497		\$1,471,092	\$1,471,091
								\$9,201,354	\$1,223,162	\$3,676,958	\$14,101,474	\$12,371,684



**P&E Subcommittee Review of Unconstruction Projects - "DEAUTHORIZATION" LIST (sorted by PPL)**

#	PROJECT	AGENCY	PL	"D" List	Current Phase	1st cost unexpended	Monitoring Unexpended	O&M Unexpended	TOTAL Unexpended	TOTAL Unobligated
9	Opportunistic Use of the Bonnet Carre Spillway	COE	9		I	\$54,797	\$51,338		\$106,135	\$81,451
11	Weeks Bay MC and SP/Commercial Canal/Freshwater Redirection	COE	9		I	\$672,098	\$37,935		\$710,033	\$697,703
24	Bayou Lafourche Siphon	EPA	5		I				\$0	\$0
25	Myrtle Grove Siphon	NMFS	5		I				\$0	\$0
26	Mississippi River Reintroduction into Bayou Lafourche	EPA	5.1		I	\$2,771,673	\$63,230		\$2,834,903	\$1,389,228
34	LaBranche Wetlands Terracing, Planting, and Shoreline Protection	NMFS	9		I				\$0	\$0
						\$3,498,568	\$152,503	\$0	\$3,651,071	\$2,168,382

**P&E Subcommittee Review of Unconstruction Projects - "LARGE SCALE PROJECT" LIST (sorted by PPL)**

#	PROJECT	AGENCY	PL	"LSP" List	Phase I Estimate	Phase II Estimate	Total Estimate*
2	Fort Jackson Sediment Diversion (Complex Project)	COE	N/A		\$7,447,505	\$101,409,795	\$108,857,300
12	Benneys Bay Diversion	COE	10		\$1,076,328	\$52,626,553	\$53,702,881
16	River Reintroduction into Maurepas Swamp	EPA	11		\$6,780,307	\$51,035,340	\$57,815,647
20	Mississippi River Sediment Trap	COE	12		\$1,880,376	\$50,300,463	\$52,180,839
N/A	Rockefeller Refuge - Gulf Shoreline Stabilization**	NMFS	10		\$2,408,478	\$48,000,000	\$50,408,478
					\$19,592,994	\$303,372,151	\$322,965,145

\* Estimates shown are the amounts being carried on the "books" and do not necessarily constitute a recent or accurate estimate of project costs.

\*\* This project is not the "test section" project that has requested Phase II funds recently. It is the estimate carried on the books for the large-scale project that could be undertaken after test sections are built.

# **STATUS OF UNCONSTRUCTED PROJECTS**

**Status Review - Unconstructed CWPPRA Projects**  
**May 16, 2007**

**1. Project Name (and number):** Central and East Terrebonne Freshwater Delivery Enhancement

**2. PPL:** 9 (2000)

**3. Federal Agency:** FWS

**4. Date of Construction Approval / Phase Two Approval:** not yet approved

**5. Approved Total budget:** \$ 664,000 (Phase 0 – Complex Project)

**6. Expenditures:** \$ 287,728

**7. Unexpended Funds:** \$ 377,272

**8. Estimate of anticipated funding increases, including O&M:** no estimate

**9. Potential changes to project benefits:** not applicable

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

2000 – approved

2001 – execute contract for UNET modeling

2002 – conduct additional waterway surveys

2003 - UNET model will not calibrate, assess problems and recalibrate

2004 – switch to smaller site-specific TABS model

2005 – develop TABS model

2006 – 2007 conduct addition surveys in project area

**11. Current status/remaining issues:** modeling of alternative measures *underway*

**12. Projected schedule:** not scheduled

**13. Preparer:** Ronny Paille, FWS, (337) 291-3117

**1. Project Name (and number): Fort Jackson Sediment Diversion (Complex Project)**

**2. PPL: Not Authorized**

**3. Federal Agency: COE**

**4. Date of Construction Approval / Phase Two Approval: N/A**

**5. Approved Total Budget:** Phase 0: \$411,750 (Phase I and II: \$108,857,300 not approved)

**6. Expenditures:** \$408,252

**7. Unexpended Funds:** \$3,498

**8. Estimate of anticipated funding increases, including O&M: N/A**

**9. Potential changes to project benefits: None**

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

- Complex project received Phase 0 funds in October 1999
- Complex study report completed
- Phase I request approved by Technical Committee September 2003
- Phase I request to Task Force tabled by LDNR during advance conference call in November 2003

**11. Current status/remaining issues:** Currently the project will request Phase I authorization anticipating support from the State and Plaquemine Parish during the Sep/Oct TC/TF meeting. Currently \$47,597,200, due to Oyster Issues, will be removed from the project budget, due to the state's decision on diversion impacts on oyster leases.

**12. Projected schedule:** Updating cost Phase I/II cost estimate (June/July07), Updated cost estimate to P&E for review (August07), Request Phase I to TC (Sep07)

**13. Preparer: Greg Miller**

**Status Review - Unconstructed CWPPRA Projects**  
**9 Feb 07**

- 1. Project Name:** Brown Lake Hydrologic Restoration (CS-09)
- 2. PPL:** 2 (1992)
- 3. Federal Agency:** NRCS
- 4. Date of Construction Approval / Phase Two Approval:** 1997
- 5. Approved Total Budget:** \$4,002,363
- 6. Expenditures:** \$794,269 (Source: Mitzi Gallipeau) (\$403K monitoring, now terminated)
- 7. Unexpended Funds:** Total Unexpended \$3,208,094 (Source: Mitzi Gallipeau).
- 8. Estimate of anticipated funding increases, including O&M:** N/A at this time
- 9. Potential changes to project benefits:** N/A at this time
- 10. Brief chronology of project development and issues affecting implementation:**
  - 1992 – Approved
  - 1997 – Construction Approval
  - 1997 - 2000 – Setbacks include magnetometer survey, COE Disposal Areas, Hydrology questions
  - 2000 - 2002 -- Hydro Model demonstrated need to Address Crab Gully
  - 2003 - 2006 – Issues include Crab Gully fix, Amoco sale, permit transfer
- 11. Current Status/remaining issues:** Reconnaissance of project area revealed that original project concept still valid. Rejuvenated effort to move forward including permit modification for Crab Gully, re-do landrights, re-survey to update P&S, update P&S.
- 12. Projected schedule:** Updated P&S will be completed by July 2007.
- 13. Preparer:** Quin Kinler, NRCS, (225) 382-2047  
Review/Concurrence (2/1/2007): Herb Juneau, DNR, (337) 482-0684

# **Johnathan Davis Wetland Restoration**

**Sponsored Agency: NRCS**

**Reason No Status Sheet Included:  
Final CU (CU4) was Advertised 14 March 07  
Will begin construction June 2007**

**Status Review - Unconstructed CWPPRA Projects**  
**9 Feb 07**

- 1. Project Name (and number):** West Pointe a la Hache Outfall Management (BA-4c)
- 2. PPL:** 3
- 3. Federal Agency:** NRCS
- 4. Date of Construction Approval / Phase Two Approval:** N/A
- 5. Approved Total Budget:** \$4,068,045
- 6. Expenditures:** \$492,515 (source: Gay Browning)
- 7. Unexpended Funds:** \$3,575,530 (source: Gay Browning)
- 8. Estimate of anticipated funding increases, including O&M:** N/A at this time
- 9. Potential changes to project benefits:** Can not be determined at this time
- 10. Brief chronology of project development and issues affecting implementation:**
  - 1993 – Approved
  - 1993 - 2000 Various planning and engineering tasks; increased construction budget from \$400K to about \$2M; DNR concerned about benefits
  - 2000 - 2004 -- Hydro Model predicted that siphon operation (more so than proposed outfall mgt) creates favorable conditions in project area. DNR and NRCS desire to pursue modifications to siphon to improve / extend ability to operate siphon.
  - 2005 - 2006 -- DNR “working with” Plaquemines Parish Government to establish a cooperative agt regarding siphon operation, so as to ensure long term operation prior to designing siphon improvements.
  - 2007 – DNR/PPG agreement execute
- 11. Current status/remaining issues:** With DNR/PPG agreement executed, DNR and NRCS will investigate modifications to siphon to improve / extend ability to operate siphon
- 12. Projected schedule:** With DNR/PPG just being executed a revised schedule has not been developed
- 13. Preparer:** Quin Kinler, NRCS, (225) 382-2047  
Review/Concurrence (2/9/2007): Ismail Merhi, DNR, (225) 342-4127



**Status Review - Unconstructed CWPPRA Projects  
May 16, 2007**

- 1. Project Name (and number):** Grand Bayou Hydrologic Restoration (TE-10)
- 2. PPL:** 5 (1996)
- 3. Federal Agency:** FWS
- 4. Date of Construction Approval / Phase Two Approval:** not yet approved
- 5. Approved Total Budget:** \$8,209,722
- 6. Expenditures:** \$1,285,150
- 7. Unexpended Funds:** \$6,924,572
- 8. Estimate of anticipated funding increases, including O&M:** roughly \$5.0M
- 9. Potential changes to project benefits:** none
- 10. Brief chronology of project development and issues affecting implementation:**
  - 1996 – approved
  - 2003 – scope revised & downsized approved
  - 2004 – abandoned efforts to coordinate with Morganza Project
  - 2005 – revised surveys completed, and hydro model mesh completed
  - 2006 – Model calibration completed
- 11. Current status/remaining issues:** Modeling underway to size & design water control structures
- 12. Projected schedule:** Construction start – Dec. 08
- 13. Preparer:** Ronny Paille, FWS, (337) 291-3117

# **Myrtle Grove Siphon**

**Sponsored Agency: NMFS**

**Reason No Status Sheet Included:**

**Status Review - Unconstructed CWPPRA Projects  
Date**

**1. Project Name (and number):** Mississippi River Reintroduction into Bayou Lafourche (BA-25b)

**2. PPL:** 5.1 – Phase 1 was authorized in October 2001. The original siphon project was proposed on PPL5.

**3. Federal Agency:** US EPA

**4. Date of Construction Approval / Phase Two Approval:** NA

**5. Approved Total Budget:** \$9.7 million w/ 50:50 cost share

**6. Expenditures:** \$6,664,668 (\$2,509,800 awarded to DNR)  
\$2,061,749 paid to date  
EPA unliquidated obligations \$472,994 (inc. NEPA Contract)

**7. Unexpended Funds:** \$3,035,332

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

**9. Potential changes to project benefits:** NA

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

- October 2001 – Phase 1 Approval
- May 2006 – 30% E&D review
- June/July 2006 – EPA/DNR requested TC/TF approval to continue beyond 30% E&D. The motion was not acted upon. The TF voted to defer action pending receipt of additional information (e.g. ITR, funding, legal recommendation).
- Sept/Oct 2006 – EPA/DNR modified the request to the TF to reflect the recommendation of the TC that DNR complete Phase 1 E&D for the project with State funds and that EPA complete the Final EIS document under its current contract. This motion was not acted upon by the TF.
- Nov/Dec 2006 – EPA re-scoped its existing contract with its NEPA contractor to terminate development of the Final EIS document for this project.

**11. Current status/remaining issues:** EPA has re-scoped its NEPA contract to accommodate early termination. The contractor is in the final stages of documenting work completed to date.

**12. Projected schedule:** The final deliverables including the administrative record from the NEPA contractor should be completed and received within the next 30-60 days.

**13. Preparer:** Brad Crawford US EPA (214)665.7255 [crawford.brad@epa.gov](mailto:crawford.brad@epa.gov)

**Status Review - Unconstructed CWPPRA Projects**  
**May 16, 2007**

- 1. Project Name (and number):** North Lake Boudreaux Basin Freshwater Introduction (TE-32a)
- 2. PPL:** 6 (1997)
- 3. Federal Agency:** FWS
- 4. Date of Construction Approval / Phase Two Approval:** not yet approved
- 5. Approved Total Budget:** \$ 10,519,383
- 6. Expenditures:** \$1,116,925
- 7. Unexpended Funds:** \$ 9,402,458
- 8. Estimate of anticipated funding increases, including O&M:** roughly \$6M
- 9. Potential changes to project benefits:** none
- 10. Brief chronology of project development and issues affecting implementation:**
  - 1997 – approved
  - 2001 – contracted draft feasibility report & modeling completed
  - 2002 – contracted Technical Design Report and modeling completed by T. Baker Smith, Inc.
  - 2003 – landrights acquisition issues being addressed
  - 2004 – landrights acquisition contracted to Terrebonne Parish & new appraisals made
  - 2006 – 35 of 38 landrights signatures acquired. Hope exists for acquiring the last 3.
- 11. Current status/remaining issues:** Landrights for the conveyance channel have been obtained and submitted to DNR. Expect to begin E & D once DNR approves of the landrights documents.
- 12. Projected schedule:** Construction start – Sept. 08?
- 13. Preparer:** Ronny Paille, FWS, (337) 291-3117

**Status Review - Unconstructed CWPPRA Projects  
9 Feb 2007**

- 1. Project Name (and number):** Penchant Basin Natural Resources Plan (TE-34)
- 2. PPL:** 6
- 3. Federal Agency:** NRCS
- 4. Date of Construction Approval / Phase Two Approval:** N/A
- 5. Approved Total Budget:** \$14,455,551
- 6. Expenditures:** \$1.8M (source: Mitzi Gallipeau)
- 7. Unexpended Funds:** \$12.7M (source: Mitzi Gallipeau)
- 8. Estimate of anticipated funding increases, including O&M:** N/A at this time
- 9. Potential changes to project benefits:** Revised WVA being prepared now
- 10. Brief chronology of project development and issues affecting implementation:**
  - 1996 - 1997 – Approved
  - 1997 - 2004 --Project Planning and Hydro Model
  - 2004 - 2006 – Consideration of project alternatives and features
- 11. Current status/remaining issues:** Revised project going thru WVA; geotechnical investigation is ongoing; final design is ongoing;
- 12. Projected schedule:** Advertise construction contract in October 2007.
- 13. Preparer:** Quin Kinler, NRCS, (225) 382-2047  
Review/Concurrence (2/9/2007): Ismail Merhi, DNR, (225) 342-4127

**Status Review - Unconstructed CWPPRA Projects**  
**14 Feb 07**

- 1. Project Name:** Opportunistic Use of the Bonnet Carre Spillway (PO-26)
- 2. PPL:** 9 (2000)
- 3. Federal Agency:** COE
- 4. Date of Construction Approval / Phase Two Approval:** scheduled for 2008
- 5. Approved Total Budget:** \$188,383
- 6. Expenditures:** \$82,248 (\$51K Engr; \$31K Monitoring)
- 7. Unexpended Funds:** Total Unexpended \$106,135
- 8. Estimate of anticipated funding increases, including O&M:** Unknown at this time.
- 9. Potential changes to project benefits:** Structures or berms to enhance overland flow would decrease negative water quality impacts to Lake Pontchartrain, but would not necessarily increase benefits to the LaBranche wetlands.
- 10. Brief chronology of project development and issues affecting implementation:**  
Jan 2000 – Approved for opportunistic use; maximum of 4,000 cfs diversion with no construction or O&M funds  
Jun 2005 – Last meeting with DNR held on project.
- 11. Current Status/remaining issues:** Issues are wetland benefits, limited remaining funds, NEPA compliance requirements, implementation costs (i.e., labor to pull pins), need for overland flow..
- 12. Projected schedule:** On hold pending outcome of authorization of WRDA Bonnet Carre project.
- 13. Preparer:** Bill Hicks, COE, (504) 862-1945

**RECOMMENDATION:** Ask for guidance from the P&E on how to proceed with project. Alternatives include:

- 1) Proceed with project design as is (would require additional \$\$\$ (<\$100K)
- 2) Adding construction features and possibly O&M to achieve overland flow
- 3) Redesign project to divert or pump water directly into the LaBranche wetlands
- 4) Deauthorize project

**Status Review - Unconstructed CWPPRA Projects**  
**14 February 2007**

- 1. Project Name (and number):** *Labranche Wetlands Terracing, Planting and Shoreline Protection (PO-28)*
- 2. PPL:** *9*
- 3. Federal Agency:** *NOAA*
- 4. Date of Construction Approval / Phase Two Approval:** *January 2001. Phase 2 funds returned to the program due to lack of landowner support for the project. Current budget is for Phase 1 only.*
- 5. Approved Total Budget:** *\$1,027,190*
- 6. Expenditures:** *\$306,836*
- 7. Unexpended Funds:** *\$720,354*
- 8. Estimate of anticipated funding increases, including O&M:** *None*
- 9. Potential changes to project benefits:** *None*
- 10. Brief chronology of project development and issues affecting implementation:**  
*Project design was completed in 2000 and constructing funding was approved January 2001, however, the project was not constructed due to lack of landowner support. Deauthorization proceedings were initiated but not completed due to landowner objections.*
- 11. Current status/remaining issues:**  
*Grant/CSA closed and no project activity.*
- 12. Projected schedule:**  
*Construction not scheduled - recommend deauthorization*
- 13. Preparer:**  
*Rachel Sweeney*

**Status Review - Unconstructed CWPPRA Projects  
Date**

**1. Project Name (and number): Benneys Bay Diversion (MR-13)**

**2. PPL: 10**

**3. Federal Agency: COE**

**4. Date of Construction Approval / Phase Two Approval: TBD (anticipated 31 Jan 08)**

**5. Approved Total Budget: \$975,191 (Const Est. \$53.7 mil)**

**6. Expenditures: \$793,497**

**7. Unexpended Funds: \$181,694**

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

USACE and LDNR agree on design, anticipated benefits, and all other aspects of this project except budgetary responsibility for O&M. Diversions cause shoaling and traditionally CWPPRA paid for shoaling impacts and used the material beneficially. Because of uncertainty regarding the amount of shoaling, the State and USACE agreed to an initial O&M cost cap of \$10 million.

The original construction estimate for this project was \$53.7 million. To remain within the initial \$10 million O&M cost cap, only one cycle of dredging could occur and would cost \$29,077,261. Traditionally, CWPPRA projects are funded for 20 years, which would involve 10 cycles of O&M at a cost of \$115,395,910. To complete the project with 10 cycles of O&M would cost an additional \$61.7 million (cost with 10 cycles – original cost).

**9. Potential changes to project benefits:**

- Originally this project anticipated 5,706 benefit acres.
- If 10 cycles of O&M are conducted, approximately 5,903 acres will be created (Approximately 4,800 acres of marsh would be created through natural deltaic accretion. Approximately 170 acres of marsh would be created during construction and approximately 100 acres would be created per maintenance cycle)
- If only one cycle of O&M is conducted the benefit acres would be 5,070

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

- Phase I approved 10 Jan 01
- Resolve project O&M responsibility (see below)



- 95% Design submitted to LDNR Oct '06

**11. Current status/remaining issues:**

USACE submitted 95% Design to LDNR in October 2006 and is awaiting comment (USACE is generally aware of broad LDNR concerns). Disagreement about the overall funding (O&M) approach for this project delayed its consideration for construction funding last cycle. LDNR policy regarding the induced shoaling amounts resulted in a \$10 million cost cap for O&M, which would fund only one cycle of O&M (versus 10 cycles during the project's 20 year CWPPRA-funded-life). The revised fully funded cost for the project, including construction, monitoring and one cycle of O&M, is \$29,077,261. The fully funded costs for 10 cycles of O&M over 20 years would be \$115,395,910.

**12. Projected schedule:**

USACE/LDNR will try to resolve issues and complete 95% Design Review this year.

**13. Preparer: Greg Miller**

**Status Review - Unconstructed CWPPRA Projects  
May 2007**

- 1. Project Name (and number):** *Mississippi River Reintroduction into Northwest Barataria Basin (BA-34)*
- 2. PPL:** *10*
- 3. Federal Agency:** *EPA*
- 4. Date of Construction Approval / Phase Two Approval:** *Anticipated 1/31/2010*
- 5. Approved Total Budget:** \$2,002,552 (awarded to DNR \$1,705,816)  
\$442,814 paid to date  
EPA unliquidated obligations = \$1,263,002
- 6. Expenditures:** \$470,801
- 7. Unexpended Funds:** \$1,531,751
- 8. Estimate of anticipated funding increases, including O&M:** *None anticipated at this time.*
- 9. Potential changes to project benefits:** *Unknown at this time.*
- 10. Brief chronology of project development and issues affecting implementation:**

*Following award of Phase I funds, EPA negotiated a cost share agreement with LDNR, and awarded engineering and design funds to LDNR. LDNR initiated some hydrology monitoring to support future hydrodynamic modeling. During this time the property was sold to a new landowner. LDNR expended much effort on landrights during this time. Also, during this time the landowner began logging the forest, and regulatory issues arose regarding that, as well as questions regarding implications for this restoration project. Currently, EPA and LDNR assume that landowner willingness to allow the restoration work to proceed is dependent on a pending mitigation bank proposal by the landowner. As a result, project activities are on hold. We expect some insight over the next month or so, regarding the possible feasibility of the mitigation bank proposal. Depending on that, we may propose consideration of the siphon at another site in the upper Barataria Basin. The original candidate projects proposed siphons at various possible locations, so it seems likely that an alternate location would be feasible, if necessary.*
- 11. Current status/remaining issues:** *Project on hold pending landrights and regulatory issues discussed above. Upon approval of the mitigation bank, sponsors will hold meeting with landowner to get a sense of whether there is support for moving forward with the*

*CWPPRA project. Also need to determine the status of other landowners on project alignment to justify moving forward with Phase I modeling. Complete these 2 efforts by Mar 2008. The team will not move ahead with E&D until landowner issues are resolved. Depending on outcomes of the above, it may be necessary to propose changing the project location.*

**12. Projected schedule: The current schedule is as listed in the Project Manager's fact sheet on [www.lacoast.gov](http://www.lacoast.gov):**

- 30% Design Review: October 2009
- 95% Design Review: January 2010
- Design Completion: January 2010
- Phase 2 Approval: January 2010
- Construction Start: May 2011

**13. Preparer:** *Kenneth Teague, EPA (214-665-6687; [Teague.Kenneth@epa.gov](mailto:Teague.Kenneth@epa.gov)) and Brad Miller, LDNR (225-342-4122; [BradM@dnr.state.la.us](mailto:BradM@dnr.state.la.us) )*

**Status Review - Unconstructed CWPPRA Projects**  
**Date 24 May 2007**

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

**2. PPL:** 9

**3. Federal Agency:** US Army Corps of Engineers

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

**5. Approved Total Budget:** \$1.50 million

**6. Expenditures:** \$31,725

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

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

**9. Potential changes to project benefits:**

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

2000

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

2001

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

2002

May 2002	Draft cost sharing agreement developed.
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2003

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

2004

	Developed scope of sediment delivery via Caenarvon
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2005

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

2006

Nov 2006	Began discussion to ensure consistency with this project and 4 <sup>th</sup> Supplemental project Modification to Caenarvon
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2007

Need to fully develop Preliminary Design Report with LADNR. Report should include monitoring.

**11. Current status/remaining issues:**

USACE is working on updating costs to reflect post-Katrina price levels. Depending of price level, site location may change from Caenarvon to West Bay where project can beneficially use dredged material from regularly scheduled maintenance events. USACE is working on benefits of a thin layer of sediment versus marsh creation.

**12. Projected schedule:**

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

**Status Review - Unconstructed CWPPRA Projects**  
**15 February 2007**

**1. Project Name (and number):** Weeks Bay MC and SP/Commercial Canal/Freshwater Redirection

**2. PPL:** 9

**3. Federal Agency:** USACE

**4. Date of Construction Approval / Phase Two Approval:** NA

**5. Approved Total Budget:** \$1,229,337.00

**6. Expenditures:** \$482,729.34

**7. Unexpended Funds:** \$746,608

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

**9. Potential changes to project benefits:** Unknown

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

The original project as proposed by the Natural Resources Conservation Service (NRCS) was described as follows: Reduce erosion rates along the northern shoreline of Vermilion/Weeks Bay by providing vegetative protection, provide protection to Weeks Island and adjacent interior wetlands by protecting the isthmus that exists between Weeks Bay and the GIWW, protection efforts would involve armored protection along strategic shoreline/bankline areas on the Weeks Bay side of the isthmus with steel sheetpiling, and a low sill weir is planned across Commercial Canal near its junction with Vermilion Bay (this weir, in conjunction with restoring the isthmus, would subdue interior tidal energies and divert Atchafalaya River water further west via the GIWW). The estimated fully funded cost of the project at the time of its inclusion on PPL9 was \$15 million.

The Corps of Engineers assumed sponsorship of the project because of our ongoing Section 1135 project in the same area. Section 1135 authorizes the corps to investigate modifications to existing corps projects for the purpose of environmental restoration. In this case, the corps was investigating the environmental benefits of reestablishing the bank between the Gulf Intracoastal Waterway (GIWW) and Weeks Bay. The study was terminated for failure to find sufficient environmental benefits to justify the cost. Further, hydrologic investigations performed under the 1135 study showed that salinities in the CWPPRA project targeted wetlands area are not rising. In fact, investigations of the area revealed a slight freshening trend. Benefits for the proposed CWPPRA project had been calculated on the assumption of loss of freshwater marsh due to increasing saltwater intrusion in an area adjacent to the GIWW.

Recognizing the local interest in the project due to the perception of sediments and freshwater entering the bay from the GIWW, the project was revised to include only a retention structure and marsh creation through dedicated dredging. This would create approximately 211 acres of intermediate marsh, close a 750' opening between the GIWW and the bay, and prevent erosion from occurring along the west side of the isthmus. The fully funded cost of this project is estimated at \$31 million. The project ranked last in the prioritization of Breaux Act projects with a score of 30.2. Also, a hydrologic investigation performed for the CWPPRA project reports that "of the total freshwater influx, over 90 percent of water, flowing into the bay comes from the Lower Atchafalaya River and the Wax Lake Outlet, the remaining is from the GIWW and a series of smaller bayous and the Vermilion River. To the south of the Bay, the Southwest Pass and a wide opening between East Cote Blanche and Atchafalaya Bay connect Vermilion Bay to the Gulf of Mexico." Thus, closing a few openings would have little effect on salinities in the bay system. Furthermore, the report concludes, "Based on the indicated findings, salinity variations in the Weeks Bay area have fluctuated neither positively nor negatively".

**11. Current status/remaining issues:** The project has remained authorized because of continuing local interest. The project manager believes that redirected disposal placement from the Port of Iberia project may make the Weeks Bay project feasible in some form.

**12. Projected schedule:**

**13. Preparer: Gary Rauber / 504-862-2543**

- 1. Project Name (and number):** Mississippi River Sediment Trap (MR-12)
- 2. PPL:** 12
- 3. Federal Agency:** COE
- 4. Date of Construction Approval / Phase Two Approval:** TBD
- 5. Approved Total Budget:** \$1,434,908 (Const Est. \$52.2 mil)
- 6. Expenditures:** \$136,548
- 7. Unexpended Funds:** \$1,298,360
- 8. Estimate of anticipated funding increases, including O&M:** Cost of dredging expected to increase because higher fuel and labour charges.
- 9. Potential changes to project benefits:** None
- 10. Brief chronology of project development and issues affecting implementation:**
  - Phase I Approved August 2002
  - The project work plan is under development pending a plan reformulation meeting with the LA Dept. of Natural Resources and Corps
- 11. Current status/remaining issues:**
- 12. Projected schedule:** Unscheduled pending issue resolution
- 13. Preparer:** Greg Miller



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

May 30, 2007

**TRANSITIONING PROJECTS TO OTHER AUTHORITIES**

**For Decision:**

As directed by the Technical Committee at its March 14, 2007 meeting, the Planning and Evaluation (P&E) Subcommittee reviewed Section 6.p. and Appendix H of the CWPPRA Standard Operating Procedures (SOP) Revision 13.0, dated March 14, 2007. The P&E Subcommittee determined that Appendix H contains procedures that duplicate procedures in Section 6.p. The P&E Subcommittee recommends removing Appendix H from the SOP and incorporating some of its procedures to Section 6.p. to eliminate duplicated or otherwise flawed procedures.

p. PROJECT DEAUTHORIZATION OR TRANSFERS TO OTHER PROGRAMS: ~~(amended by Task Force on June 21, 1995)~~

- (1)
  - a. ~~If **When**~~ the Federal Sponsor and the Local Sponsor agree that it is necessary to deauthorize ~~or transfer~~ a project prior to construction, ~~then~~ they shall submit a letter to the Technical Committee ~~requesting approval by the Task Force to deauthorize the project and~~ explaining the reasons for ~~the requesting the deauthorization or transfer and requesting approval by the Task Force.~~
  - b. ~~If the Federal Sponsor and the Local Sponsor do not agree to deauthorize a project prior to construction, then either party may submit a letter to the Technical Committee requesting approval by the Task Force to deauthorize the project and explaining their reasons for the request.~~
  - c. ~~If circumstances arise that warrant transfer of a project to an alternate authority, either as directed by programmatic Congressional authorization or voluntarily requested by a separate authority, then that receiving authority, in coordination with the Federal and Local Sponsors, shall submit a letter to the Technical Committee requesting the transfer and explaining the reasons for the transfer.~~
- (2) ~~If agreement between the Federal Sponsor and the Local Sponsor is not reached, either party may then appeal directly to the Technical Committee.~~ The Technical Committee will forward to the Task Force a recommendation concerning deauthorization or transfer of the project. Nothing herein shall preclude the Federal Sponsor, ~~or the~~ Local Sponsor, ~~or a receiving authority~~ from bringing a request for deauthorization or transfer to the Task Force irrespective of the recommendation of the Technical Committee.
- (3) Upon submittal of a request for deauthorization or transfer to the Technical Committee, all parties shall suspend all future obligations and expenditures as soon as practicable, until the issue is resolved.
- (4) Upon receiving preliminary approval from the Task Force to deauthorize or transfer a project, the Chairman of the Technical Committee shall send notice to ~~the~~ Louisiana Congressional delegation, the State House and Senate Natural Resources Committee chairs, the State Senator (s) and State Representative (s) in whose district the project falls, senior parish officials in the parish (es) where the project is located, any landowners whose property would be directly affected by the project, and any interested parties, requesting their comments and advising them that, at the next Task Force meeting, a final decision on deauthorization or transfer will be made.

- (5) If the Task Force determines that a project should be transferred to another authority, the Federal Sponsor and Local Sponsor shall provide a chronological summary of all work completed to date; identify any outstanding issues; and provide all project information to the receiving authority, including acquired data, engineering and design analyses, and project documents. In cases where the project has undergone significant engineering and design efforts, it is anticipated that significant quantities of hard copy and digital information will be provided. The Federal and Local sponsors shall host an information transfer meeting with appropriate representatives of the receiving authority. The purpose of the meeting is to review project status and details regarding work accomplished to date. Expenditures of CWPPRA funds to re-package project information, conduct additional analyses, or acquire new data or information are not anticipated and shall require explicit approval by the CWPPRA Task Force.
- (6) When the Task Force determines that a project should be abandoned or no longer pursued because of economic or other reasons or transferred to another authorization, all expenditures shall cease immediately or as soon as practicable ~~if the project is deauthorized or after information is transferred according to paragraph 6.p.(5) if the project is transferred to another authority.~~ The Technical Committee will notify Congress and the State House and Senate Natural Resources Committee chairs ~~will be informed~~ of the decision.
- (7) Once a project is deauthorized or transferred by the Task Force, it shall be categorized as "deauthorized" or "transferred" and closed-out as required by paragraph 6.o.

## Gallagher, Anne E MVN-Contractor

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**From:** Goodman, Melanie L MVN  
**Sent:** Tuesday, May 22, 2007 3:43 PM  
**To:** Goodman, Melanie L MVN; 'john.jurgensen@la.usda.gov'; 'Kevin\_Roy@fws.gov'; LeBlanc, Julie Z MVN; 'Landers.Timothy@epamail.epa.gov'; 'daniel.llewellyn@la.gov'; 'Rachel Sweeney'  
**Cc:** 'brad.sticker@la.usda.gov'; 'britt.paul@la.usda.gov'; 'Darryl Clark'; Constance, Troy G MVN; 'gerryd@dnr.state.la.us'; 'Richard Hartman'; Sharon Parrish  
**Subject:** RE: P&E Tasks from March 14th Technical Committee Meeting  
**Attachments:** Project deauthorization and Transfer SOP changes.doc



Project  
authorization and Ti

P&E, we have concurrence to recommend the attached revision of the SOP for Transferring projects to other authorities to the Technical Committee. This topic will be presented for decision at the May 30 2007 Technical Committee Meeting Agenda, under Item 6.

To recap what the P&E decided, Appendix H was eliminated altogether and section 6.p. was revised to incorporate the major processes in appendix H, according to the attached "Project deauthorization-transfer SOP.doc" file. Changes are striked through and/or highlighted in red.

Thanks everyone for your coordination on this.

Melanie Goodman  
Project Manager  
US Army Corps of Engineers  
Restoration Branch  
Phone: 504-862-1940  
Fax: 504-862-1892

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

May 30, 2007

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

**For Decision:**

The State requests that this project be transferred from the CWPPRA program to the Coastal Impact Assistance Program because it is a Tier 1 project in the State's Draft Coastal Impact Assistance Plan, and the State is currently designing the project to be executed under the State's Plan.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

May 30, 2007

**PROJECT LIFE CYCLE LEAST COST ALTERNATIVE ANALYSIS  
AS A 30% AND 95% DESIGN REVIEW REQUIREMENT**

**For Decision:**

The Technical Committee decided at their March 14, 2007 meeting, that construction and Long-term O&M costs should be addressed as a life cycle investment. The Technical Committee approved a motion to prepare and incorporate project life cycle least cost Alternative analysis as a 30% and 95% design review requirement. The P&E Subcommittee will discuss their recommendation.

## **SOP amendments to consider alternatives to reduce long-term maintenance costs**

### ***Recommended Section 6(e) Preliminary Engineering and Design in red font:***

(2) **30% Design Review:** In order to resolve problems, anticipate cost growth, and identify the best project alternative to meet intended project goals, at the earliest possible point, a 30% Design Review shall be performed upon completion of a Preliminary Design Report. The Preliminary Design Report shall include: 1) Recommended project features, 2) Engineering and Design surveys, 3) Engineering and Design Geotechnical Investigation (borings, testing results, and analysis), 4) Draft Modeling Report (if applicable), 5) **Analysis of alternatives to reduce long-term maintenance costs while maintaining project features to function as originally intended (i.e., sponsors should investigate the potential cost savings from investing more in initial construction (over-designing/over-building) in an effort to reduce future maintenance requirements,** 6) Draft Ecological Review for cash flow-managed projects (See Appendix B), 7) Land Ownership Investigation, 8) Preliminary Cultural Resources Assessment, 9) Revised project construction, **OMRR&R, monitoring, and administrative** cost estimates based on the current selected preliminary design, 10) Description of changes from Phase 0 approval, and 11) Map prepared by the Local Sponsor and provided to the Federal Sponsor indicating any oyster leases potentially impacted by the proposed project and a data sheet listing: lease number, lease acreage, lessee name, and other pertinent data.

The Federal Sponsor shall hold a "30% Design Review Conference" with the Local Sponsor to obtain their concurrence to continue with design. However, if the Local Sponsor has responsibility for the design of the project, then both Local and Federal Sponsors shall hold a "30% Design Review Conference" to obtain concurrence to continue with design. 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. Any supporting data 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.

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 Phase 1 funds.

### ***Recommended Changes Section 6(h) Final Engineering and Design in red font:***

(1) **95% Design Review:** A "95% Design Review Conference", shall be held at least four weeks prior to the Technical Committee meeting by the Local Sponsor and the Federal Sponsor to review and mutually agree to a Final Design Report. The Final Design Report shall include: 1) a revised fully funded project cost estimate (approved by the Economic Work Group), 2) a Wetland Value Assessment (WVA), reviewed/approved by the Environmental Workgroup, 3) constructability, 4) a draft OMRR&R Plan, **including detailed cost estimates** (named the Projects Operations and Schedule Manual when referring to Corps projects), and 5) an updated prioritization score (approved by the Engineering and Environmental Workgroups).

## Gallagher, Anne E MVN-Contractor

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**From:** Goodman, Melanie L MVN  
**Sent:** Tuesday, May 22, 2007 10:16 AM  
**To:** Goodman, Melanie L MVN; 'Kevin\_Roy@fws.gov'  
**Cc:** 'brad.sticker@la.usda.gov'; 'britt.paul@la.usda.gov'; 'daniel.llewellyn@la.gov'; 'Darryl Clark'; 'Jurgensen, John - Alexandria, LA'; LeBlanc, Julie Z MVN; 'Landers.Timothy@epamail.epa.gov'; 'Rachel Sweeney'  
**Subject:** RE: P&E work item - 30% SOP Revision to include a least cost alternative analysis to consider project life cycle costs:  
**Attachments:** SOP 30% revision.doc



SOP 30%  
revision.doc

All, we have P&E Workgroup concurrence on the subject recommended SOP change to address the 14 March 2007 Technical Committee motion to incorporate project life cycle least cost alternative analysis as a 30% and 95% design review requirement.

The recommended SOP changes are highlighted by red font in the attached document and will be presented as a decision item at the 30 May 007 Technical Committee meeting under Agenda Item 8.

Thanks everyone for your input and coordination,

Melanie Goodman  
Project Manager  
US Army Corps of Engineers  
Restoration Branch  
Phone: 504-862-1940  
Fax: 504-862-1892

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

From: Goodman, Melanie L MVN  
Sent: Monday, May 21, 2007 3:31 PM  
To: Kevin\_Roy@fws.gov  
Cc: brad.sticker@la.usda.gov; britt.paul@la.usda.gov; daniel.llewellyn@la.gov; Darryl Clark; Jurgensen, John - Alexandria, LA; LeBlanc, Julie Z MVN; Landers.Timothy@epamail.epa.gov; Rachel Sweeney  
Subject: RE: P&E work item - 30% SOP Revision to include a least cost alternative analysis to consider project life cycle costs:

Kevin, your markup looks fine to me. P&E please let me know if you concur with Kevin's new version, which is attached herein.

Thanks,

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

From: Kevin\_Roy@fws.gov [mailto:Kevin\_Roy@fws.gov]  
Sent: Monday, May 21, 2007 2:19 PM  
To: Goodman, Melanie L MVN  
Cc: brad.sticker@la.usda.gov; britt.paul@la.usda.gov; daniel.llewellyn@la.gov; Darryl Clark; Jurgensen, John - Alexandria, LA; LeBlanc, Julie Z MVN; Landers.Timothy@epamail.epa.gov; Rachel Sweeney  
Subject: RE: P&E work item - 30% SOP Revision to include a least cost alternative analysis to consider project life cycle costs:

Melanie,

I think this is getting way more complicated than it needs to be. Perhaps that was



started with the first submission from Rachel and me. I agree it complicated the SOP language somewhat. I agree that the 30% requirements list in the SOP needs to be as clear and as concise as it can be. However, I don't think that your re-write for Item #5 clearly gets the point across as to what we would like the sponsors to do. I think Darryl's motion was to encourage sponsors to consider overbuilding initially as a possible means to reduce future maint. costs and I think we need to say that exactly (see attachment). I'm fine with the other changes you made.

I do not think that a full economic analysis should now be required at 30% to make this work. I think we can make a call looking at cost figures based on today's dollars. In addition, I don't think the intent is to require an OMRR&R plan at 30%.

(See attached file: SOP 30% revision.doc)

Kevin J. Roy  
Senior Field Biologist  
Ecological Services  
646 Cajundome Blvd., Suite 400  
Lafayette, LA 70506  
337-291-3120  
337-291-3139 Fax

"Goodman, Melanie  
L MVN"  
<Melanie.L.Goodman@mvn02.usace.army.mil>

05/16/2007 06:55  
PM

To  
<Kevin\_Roy@fws.gov>, "Jurgensen,  
John - Alexandria, LA"  
<john.jurgensen@la.usda.gov>

cc  
<brad.sticker@la.usda.gov>,  
<britt.paul@la.usda.gov>,  
<daniel.llewellyn@la.gov>, "Darryl  
Clark" <darryl\_clark@fws.gov>,  
"LeBlanc, Julie Z MVN"  
<Julie.Z.LeBlanc@mvn02.usace.army.mil>,  
<Landers.Timothy@epamail.epa.gov>,  
"Rachel Sweeney"  
<Rachel.Sweeney@noaa.gov>

Subject  
RE: P&E work item - 30% SOP  
Revision to include a least cost  
alternative analysis to consider  
project life cycle costs:

I kind of agree but think the way the proposed was written complicates the existing SOP language by tagging on a somewhat detailed and lengthy discussion at the end of an otherwise concise and specific list of requirements. I think we should simplify the SOP language considerably and document the nuances of the intent by email discussion and a short write-up to be included in the Technical Committee binder. See my suggested change in the attached, I think it would address John Jurgensen's comments below and Darryl's and Rick's intent.

If you don't agree, then please clarify for me whether or not the intent in the statement "fully funded cost estimate" used in the proposed revised 30% design discussion is for a

full economic analysis to be prepared at 30% design.

Thanks,

Melanie

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

From: Kevin\_Roy@fws.gov [mailto:Kevin\_Roy@fws.gov]

Sent: Wednesday, May 16, 2007 1:30 PM

To: Jurgensen, John - Alexandria, LA

Cc: brad.sticker@la.usda.gov; britt.paul@la.usda.gov; daniel.llewellyn@la.gov; Darryl Clark; LeBlanc, Julie Z MVN; Landers.Timothy@epamail.epa.gov; Goodman, Melanie L MVN; Rachel Sweeney

Subject: RE: P&E work item - 30% SOP Revision to include a least cost alternative analysis to consider project life cycle costs:

I agree totally with what John is saying. I think the overall intent of Darryl and Rick's motion is to encourage investigation of an initial overbuild on a project as a possible means to reduce future maintenance costs and the results of that investigation should be presented at the 30% meeting.

Kevin J. Roy  
Senior Field Biologist  
Ecological Services  
646 Cajundome Blvd., Suite 400  
Lafayette, LA 70506  
337-291-3120  
337-291-3139 Fax

"Jurgensen, John  
- Alexandria, LA"  
<john.jurgensen@l  
a.usda.gov>

05/16/2007 11:57  
AM

To  
"Goodman, Melanie L MVN"  
<Melanie.L.Goodman@mvn02.usace.army  
.mil>, "Darryl Clark"  
<darryl\_clark@fws.gov>,  
<daniel.llewellyn@la.gov>,  
<Landers.Timothy@epamail.epa.gov>  
cc  
<Julie.Z.LeBlanc@mvn02.usace.army.m  
il>, "Rachel Sweeney"  
<Rachel.Sweeney@noaa.gov>,  
<Kevin\_Roy@fws.gov>,  
<britt.paul@la.usda.gov>,  
<brad.sticker@la.usda.gov>

Subject

RE: P&E work item - 30% SOP  
Revision to include a least cost  
alternative analysis to consider  
project life cycle costs:

NRCS comments are as follows:

I agree with the revision to the 30 % review, however I would like to include a statement that says that the selection of the preferred alternative shall be made by a joint decision of the Project Team, and not a function of what is the least OMRR&R. Projects with higher O&M may still provide more benefits and longer sustainability and be more cost effective. Also, there was some discussion within our agency regarding the interpretation that this revision implied that a OMRR&R plan be developed at the 30% review level.

I do no interpret it this way but offer these comments in case we need to revise for clarity. I view this revision to state that in the process of selecting the preferred alternative, one or several of the alternatives analyzed will include measures to reduce OMRR&R, and cost estimates of this alternative shall be part of the 30% review meeting for comparison to the preferred alternative, if it was not the final alternative. During the project features selection phase to reach the 30% design phase, the estimated cost for O&M needs to be included in the evaluation of all of the alternatives in order to select the best value for cost and benefits. Also at this time the assumptions used to determine the O&M costs over the life of the project should be very well defined so that when the O&M Plan is developed, the appropriate measures and features can be included.

However, the actual OMRR&R plan is still intended to be done by LDNR with concurrence by the Federal Sponsor prior to the 95% level meeting. Also, the Final Design Report will include fully funded life cycle costs for the project, to include OMRR&R, monitoring and admin.

Please let me know if this interpretation of the revision is correct.

John

---

John Jurgensen, P.E.  
Civil Engineer  
Water Resources Staff  
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

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

From: Goodman, Melanie L MVN  
[mailto:Melanie.L.Goodman@mvn02.usace.army.mil]  
Sent: Monday, May 14, 2007 2:11 PM  
To: Darryl Clark; Jurgensen, John - Alexandria, LA; daniel.llewellyn@la.gov;  
Landers.Timothy@epamail.epa.gov  
Cc: Julie.Z.LeBlanc@mvn02.usace.army.mil; Rachel Sweeney; Kevin\_Roy@fws.gov  
Subject: P&E work item - 30% SOP Revision to include a least cost alternative analysis to consider project life cycle costs:

P&E, please find attached recommendations for a draft SOP revision prepared by Kevin Roy and Rachel Sweeney and as directed by the Technical Committee at their March 14 meeting. Please provide me with your comments and/or concurrence by this Friday, May 18, 2007. Please cc Julie, Kevin and Rachel.

Thanks,

Melanie  
504-862-1940

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

From: Rachel Sweeney [mailto:Rachel.Sweeney@noaa.gov]  
Sent: Monday, May 14, 2007 1:54 PM

To: LeBlanc, Julie Z MVN; Goodman, Melanie L MVN  
Cc: Kevin\_Roy@fws.gov  
Subject: Re: Fw: P&E work item - 30% SOP Revision

Melanie/Julie - Here's a draft SOP revision developed by Kevin Roy and I to address Daryl's concerns regarding O&M costs.

[attachment "30%SOP Revision mlg.doc" deleted by Kevin Roy/R4/FWS/DOI]

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

May 30, 2007

**FY08 PLANNING BUDGET DEVELOPMENT  
(PROCESS, SIZE, FUNDING, ETC.)**

**Discussion:**

The FY08 Planning Budget process shall be initiated to allow final Task Force approval of the FY08 Planning Budget at the October 17, 2007 Task Force Meeting. Ordinarily, the Task Force would have made suggestions at its spring meeting for the FY08 budget, including suggestions for a PPL 18 process; however, their meeting was cancelled. The Technical Committee will discuss and decide on a process to develop the FY08 budget, to include PPL18. This will be discussed further with the Task Force at the June 27, 2007 Task Force meeting to get additional direction for developing the FY08 Planning Budget and to get approval of a PPL 18 process.

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

**\$925,674.71 = Available Surplus**

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS												
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior				State of Louisiana								Total
					USACE	USFWS	NWRC	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA	USDC	Other		
<b>PPL 17 TASKS</b>																	
PL	17600	TF Selection and Funding of the 17th PPL (1)	10/18/07	10/18/07												0	
PL	17700	PPL 17 Report Development	10/18/07	5/31/08												0	
PL	17800	Corps Upward Submittal of the PPL 17 Report	6/1/08	6/1/08												0	
PL	17900	Corps Congressional Submission of the PPL 17 Report	8/1/08	8/1/08												0	
<b>FY08 Subtotal PL 17 Tasks</b>					0	0	0	0	0	0	0	0	0	0	0	0	

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

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NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS											
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior				State of Louisiana							Total
					USACE	USFWS	NWRC	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA	USDC	Other	
<b>PPL 18 TASKS</b>																
<b>PL</b>	<b>18200</b>	<b>Development and Nomination of Projects</b>														
PL	18210	DNR/USGS prepares base maps of project areas, location of completed projects and projected loss by 2050. Develop a comprehensive coastal LA map showing all water resource and restoration projects (CWPPRA, state, WRDA projects, etc.) NWRC costs captured under SPE 18400.	10/13/07	1/5/08												0
PL	18220	Sponsoring agencies prepare fact sheets (for projects and demos) and maps prior to and following RPT nomination meetings.	10/13/07	1/5/08												0
PL	18230	RPT's meet to formulate and combine projects. Each basin nominates no more than 2 project, with exception of 3 in Barataria and Terrebonne [20 nominees] and up to 6 demos (3 meetings)	1/9/08	1/11/08												0
PL	18240	RPT Voting meeting (20 nominees and up to 6 demos)	2/7/08	2/7/08												0
<b>PL</b>	<b>18300</b>	<b>Ranking of Nominated Projects</b>														
PL	18320	Engr Work Group prepares preliminary fully funded cost ranges for nominees.	2/28/08	3/1/08												0
PL	18330	Environ/Engr Work Groups review nominees	2/28/08	3/1/08												0
PL	18340	WGS develop and P&E distributes project matrix	3/2/08	3/2/08												0
PL	18350	TC selection of PPL18 candidates (10) and demo candidates (up to 3)	3/14/08	3/14/08												0

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

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NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS												
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior				State of Louisiana							Total	
					USACE	USFWS	NWRC	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA	USDC	Other		
<b>PL</b>	<b>18400</b>	<b>Analysis of Candidates</b>															
PL	18410	Sponsoring agencies coordinate site visits for all projects	3/15/08	5/31/08													0
PL	18420	Engr/Environ Work Group refine project features and determine boundaries	5/1/08	8/30/08													0
PL	18430	Sponsoring agencies develop project information for WVA; develop designs and cost estimates (projects and demos)	5/1/08	8/30/08													0
PL	18440	Environ/Engr Work Groups project wetland benefits (with WVA)	5/1/08	8/30/08													0
PL	18450	Engr Work Group reviews/approves Ph 1 and Ph 2 cost estimates from sponsoring agencies, incl cost estimates for demos	5/1/08	8/30/08													0
PL	18460	Economic Work Group reviews cost estimates, adds monitoring, O&M, etc., and develops annualized costs	5/1/08	8/30/08													0
PL	18475	Envr and Eng WG's prioritization of PPL 18 projects and demos	5/1/08	8/30/08													0
PL	18480	Prepare project information packages for P&E.	5/1/08	8/30/08													0
PL	18485	P&E holds 2 Public Meetings	8/29/08	8/30/08													0
PL	18490	TC Recommendation for Project Selection and Funding	9/12/08	9/12/08													0
<b>FY08 Subtotal PPL 18 Tasks</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



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

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NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS											
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior				State of Louisiana							Total
					USACE	USFWS	NWRC	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA	USDC	Other	
<b>Project and Program Management Tasks</b>																
PM	18100	Program Management--Coordination	10/1/07	9/30/08											0	
PM	18110	Program Management--Correspondence	10/1/07	9/30/08											0	
PM	18120	Prog Mgmt--Budget Development and Oversight	10/1/07	9/30/08											0	
PM	18130	Program and Project Management--Financial Management of Non-Cash Flow Projects	10/1/07	9/30/08											0	
PM	18200	P&E Meetings (3 meetings preparation and attendance)	10/1/07	9/30/08											0	
PM	18210	Tech Com Mtngs (5 mtngs; prep and attend)	10/1/07	9/30/08											0	
PM	18220	Task Force mtngs (4 mtngs; prep and attend)	10/1/07	9/30/08											0	
PM	18300	Prepare Evaluation Report (Report to Congress) NOTE: next update in FY08 budget	10/1/07	9/30/08											0	
PM	18400	Agency Participation, Review 30% and 95% Design for Phase 1 Projects	10/1/07	9/30/08											0	
PM	18410	Engineering & Environmental Work Groups review Phase II funding of approved Phase I projects (Needed for adequate review of Phase I.) [Assume 8 projects requesting Ph II funding in FY07 (present schedule indicates more projects). Assume 3 will require Eng or Env WG review; 2 labor days for each.]	10/1/07	9/30/08											0	
PM	18500	Helicopter Support: Helicopter usage for the PPL process.	10/1/07	9/30/08											0	
PM	18600	Miscellaneous Technical Support	10/1/07	9/30/08											0	
<b>FY08 Subtotal Project Management Tasks</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>FY08 Total for PPL Tasks</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

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

**\$925,674.71 = Available Surplus**

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS											
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior				State of Louisiana							Total
					USACE	USFWS	NWRC	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA	USDC	Other	
<b>SUPPLEMENTAL PLANNING AND EVALUATION TASKS</b>																
SPE	18100	Academic Advisory Group [NOTE: MOA between sponsoring agency and LUMCON available through FY19.] [Prospectus, page 6-7]	10/1/07	9/30/08	0	0	0	0	0	0	0	0	0	0	0	0
SPE	18200	Maintenance of web-based project reports and website project fact sheets. [NWRC Prospectus, pg 8] [Corps Prospectus, pg 9] [LDNR Prospectus, pg 10]	10/1/07	9/30/08				0		0	0	0	0	0	0	0
SPE	18400	Core GIS Support for CWPPRA Task Force Planning Activities. [NWRC Prospectus, pg 11] [LDNR Prospectus, page 12]	10/1/07	9/30/08				0		0	0	0	0	0	0	0
<b>FY08 Total Supplemental Planning &amp; Evaluation Tasks</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FY08 Agency Tasks Grand Total</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
					0		0	0	0	0	0	0	0	0	0	0
<b>FY08 Total Complex Project</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Otrch	18100	Outreach - Committee Funding	10/1/07	9/30/08	0	0	0	0	0	0	0	0	0	0	0	0
Otrch	18200	Outreach - Agency	10/1/07	9/30/08												0
<b>FY08 Total Outreach</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Grand Total FY08</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## APPENDIX A

### PRIORITY LIST 17 SELECTION PROCESS

#### **Coastal Wetlands Planning, Protection and Restoration Act Guidelines for Development of the 17<sup>th</sup> Priority Project List FINAL, 12 Jul 06**

##### I. Development of Supporting Information

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

B. DNR/USGS staff prepares basin maps indicating:

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

##### II. Areas of Need and Project Nominations

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

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

federal agency and the State will have one vote. The RPTs will also select up to six demonstration project nominees at this coast-wide meeting. Selection of demonstration project nominees will be by consensus, if possible. If voting is required, officially designated representatives from all coastal parishes will have one vote and each federal agency and the State will have one vote.

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

### III. Preliminary Assessment of Nominated Projects

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

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

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

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

### IV. Selection of Phase 0 Candidate Projects

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

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

V. Phase 0 Analysis of Candidate Projects

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

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

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

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

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

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

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

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

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

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

VI. Selection of 17<sup>th</sup> Priority Project List

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

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

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

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

## 17<sup>th</sup> Priority List Project Development Schedule (dates subject to change)

November 2006	Distribute public announcement of PPL17 process and schedule
January 9, 2007	Region IV Planning Team Meeting (Rockefeller Refuge)
January 10, 2007	Region III Planning Team Meeting (Morgan City)
January 11, 2007	Regions I and II Planning Team Meetings (New Orleans)
February 7, 2007	Coast-wide RPT Voting Meeting (Baton Rouge)
February 15, 2007	Task Force Meeting (New Orleans)
February 19, 2007	President's Day Holiday
February 20, 2007	Mardi Gras
February 1 – February 24	Agencies prepare fact sheets for RPT nominated projects
February 28 – March 1, 2007	Engineering/ Environmental work groups review project features, benefits & prepare preliminary cost estimates for nominated projects (Baton Rouge)
March 2, 2007	P&E Subcommittee prepares matrix of nominated projects showing initial cost estimates
March 14, 2007	Technical Committee meets to select PPL17 candidate projects (New Orleans)
May 3, 2007	Spring Task Force meeting (Lafayette)
April/May	Candidate project site visits
May/June/July/ August	Env/Eng/Econ work group project evaluations
June 13, 2007	Technical Committee meeting (Baton Rouge)
July 11, 2007	Task Force meeting (New Orleans) – announce public meetings
August 29, 2007	PPL 17 Public Meeting (Abbeville)
August 30, 2007	PPL 17 Public Meeting (New Orleans)
September 12, 2007	Technical Committee meeting - recommend PPL17 (New Orleans)
October 17, 2007	Task Force meeting to select PPL 17 (New Orleans)
December 5, 2007	Technical Committee meeting (Baton Rouge)
January 8-10, 2008	RPT meetings for PPL 18
February 13, 2008	Task Force meeting (Baton Rouge)

# COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## TECHNICAL COMMITTEE MEETING

May 30, 2007

### **IMPACTS OF CONVERTING NON-CASH FLOW PROJECTS TO CASH FLOW**

#### **Discussion:**

As directed at the March 14, 2007 Technical Committee meeting, the P&E Subcommittee consulted with their respective agencies to determine the impacts of amending cost-share and land rights agreements to move PPL 1-8 projects to cash flow. The P&E Subcommittee will discuss their findings. The primary reason to consider moving PPL 1-8 projects to cash flow would be to free up long term O&M; however, there are other impacts that should be discussed. The Technical Committee will also discuss the impacts of moving PPL 1 through 8 projects that have not been constructed to cash flow (e.g., whether or not these projects would be subject to 30% and 95% design review requirements or otherwise have to compete annually for Phase II construction funding).



CWPRA PPL1-8 Projects, Monitoring and O&M Costs to Potentially Return to "Cash-Flow Pot"						Monitoring				3-year Rolling Amount Needed				Remaining Balance, to Be Requested Annually																			
PROJECT	Proj Code	PL	Agency	Const Start	Const Compl	(A) Current Estimate - Monitoring	(D) Expenditures TOTAL MONITORING	(E) = (A) - (D) Unexpended Balance TOTAL MONITORING	BALANCE REMAINING ALLOCATED FOR CRMS	FY06 (still to be invoiced/ credited)	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	Sum (MUST equal (E))
Barataria Bay Waterway Wetland Creation	BA-19	1	COE	22-Jul-96	A	15-Oct-96	64,906	64,906	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bayou Labranche Wetland Creation	PO-17	1	COE	6-Jan-94	A	7-Apr-94	274,024	234,047	39,977	0	4,842	8,958	0	5,230	9,675	11,219	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39,977
Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 1	PO-16	1	FWS	1-Jun-95	A	30-May-96	360,328	153,967	206,361	17,435	82,130	10,367	0	0	11,197	0	60,077	12,094	0	0	13,062	0	0	0	0	0	0	0	0	0	0	0	206,361
Cameron Creole Plugs	CS-17	1	FWS	1-Oct-96	A	28-Jan-97	374,511	336,340	38,171	0	14,491	0	0	0	0	14,936	0	0	0	0	0	8,744	0	0	0	0	0	0	0	0	0	0	38,171
Cameron Prairie National Wildlife Refuge Shoreline Protection	ME-09	1	FWS	19-May-94	A	9-Aug-94	101,177	91,665	9,512	0	609	6,481	0	0	2,422	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,512	
GIWW to Clovelly Hydrologic Restoration	BA-02	1	NRCS	21-Apr-97	A	31-Oct-00	1,236,624	535,669	700,955	24,312	60,023	39,650	78,762	33,862	42,823	82,911	39,287	46,251	38,499	90,903	38,697	0	84,975	0	0	0	0	0	0	0	0	700,955	
Isles Dernieres Restoration East Island	TE-20	1	EPA	16-Jan-98	A	15-Jun-99	511,530	361,191	150,339	0	542	92,676	8,948	0	0	0	0	0	0	0	48,174	0	0	(0)	0	0	0	0	0	0	0	150,340	
Lake Salvador Shoreline Protection at Jean Lafitte NHP&P		1	COE	1-Jun-95	A	21-Mar-96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sabine National Wildlife Refuge Erosion Protection	CS-18	1	FWS	24-Oct-94	A	1-Mar-95	97,382	72,648	24,734	2,592	8,118	0	0	0	0	4,792	0	0	0	9,232	0	0	0	0	0	0	0	0	0	0	0	24,734	
Vegetative Plantings - Falgout Canal Planting Demonstration(DEMO)	TE-17	1	NRCS	30-Aug-96	A	30-Dec-96	62,994	79,794	(16,800)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Vegetative Plantings - Timbalier Island Planting Demonstration (DEMO)	TE-18	1	NRCS	15-Mar-95	A	30-Jul-96	69,673	96,602	(26,929)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Vegetative Plantings - West Hackberry Planting Demonstration (DEMO)	CS-19	1	NRCS	15-Apr-93	A	30-Mar-94	68,630	85,637	(17,007)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Vermilion River Cutoff Bank Protection	TV-03	1	COE	10-Jan-96	A	11-Feb-96	91,766	83,654	8,112	0	228	7,087	0	0	0	797	(0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,112	
West Bay Sediment Diversion	MR-03	1	COE	10-Sep-03	A	28-Nov-03	1,196,946	53,053	1,143,893	31,315	264,604	3,109	162,790	8,995	2,677	2,747	2,818	185,082	7,260	0	0	217,135	8,254	0	0	0	237,723	9,384	0	0	0	1,143,893	
Atchafalaya Sediment Delivery	AT-02	2	NMFS	25-Jan-98	A	21-Mar-98	212,750	197,295	15,455	0	15,455	(0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,455	
Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 2	PO-18	2	FWS	15-Apr-96	A	28-May-97	281,427	81,398	200,029	20,038	91,733	10,367	0	0	11,197	0	41,539	12,094	0	0	13,062	0	0	0	0	0	0	0	0	0	0	200,029	
Big Island Mining	AT-03	2	NMFS	25-Jan-98	A	8-Oct-98	205,993	176,839	29,154	0	29,154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29,154		
Brown Lake Hydrologic Restoration	CS-09	2	NRCS	1-Feb-08	A	1-Feb-09	820,564	397,526	423,038	15,139	27,778	56,520	60,865	18,714	19,200	28,662	36,757	20,737	30,956	21,830	22,397	62,641	0	842	0	0	0	0	0	0	423,038		
Caernarvon Diversion Outfall Management	BS-03a	2	NRCS	1-Jun-01	A	19-Jun-02	837,103	440,491	396,612	43,404	166,143	0	0	25,180	953	0	27,196	0	0	29,373	0	0	88,804	0	0	15,559	0	0	0	0	0	396,611	
Clear Marais Bank Protection	CS-22	2	COE	29-Aug-96	A	3-Mar-97	107,218	56,813	50,405	0	14,394	7,087	0	0	5,573	7,853	0	0	0	6,336	0	9,161	0	0	0	0	0	0	0	0	0	50,405	
East Mud Lake Marsh Management	CS-20	2	NRCS	1-Oct-95	A	15-Jun-96	1,372,544	1,004,651	367,893	0	0	24,728	33,283	29,121	89,169	37,768	100,546	28,845	23,350	1,083	0	0	0	0	0	0	0	0	0	0	367,893		
Freshwater Bayou Wetland Protection	ME-04	2	NRCS	29-Aug-94	A	15-Aug-98	891,466	604,248	287,218	0	243,843	9,485	0	0	10,245	0	0	11,065	0	0	0	12,580	0	0	0	0	0	0	0	0	0	287,218	
Fritch Marsh Restoration	PO-06	2	NRCS	1-Nov-00	A	1-Mar-01	915,647	544,904	370,743	27,728	44,868	21,793	4,373	4,487	82,312	4,723	4,846	25,421	5,101	5,234	27,456	5,510	5,653	85,072	0	16,165	0	0	0	0	370,743		
Highway 384 Hydrologic Restoration	CS-21	2	NRCS	1-Oct-99	A	7-Jan-00	394,931	381,592	13,339	0	0	0	9,945	3,394	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,339		
Isles Dernieres Restoration Trinity Island	TE-24	2	EPA	27-Jan-98	A	15-Jun-99	157,804	142,344	15,460	0	0	15,459	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,459		
Jonathan Davis Wetland Restoration	BA-20	2	NRCS	22-Jun-98	A	1-Mar-08	816,885	455,476	361,409	17	86,937	13,533	22,157	14,245	14,616	41,151	15,386	15,786	84,734	18,505	18,986	0	0	15,356	0	0	0	0	0	0	361,408		
Point Au Fer Canal Plugs	TE-22	2	NMFS	1-Oct-95	A	8-May-97	112,833	80,610	32,223	0	9,996	6,481	0	0	0	0	7,369	0	0	0	0	8,378	0	0	0	0	0	0	0	0	32,223		
Vermilion Bay/Boston Canal Shore Protection	TV-09	2	NRCS	13-Sep-94	A	30-Nov-95	137,735	142,924	(5,189)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
West Belle Pass Headland Restoration	TE-23	2	COE	10-Feb-98	A	30-Sep-05	163,974	124,885	39,089	0	3,768	8,290	1,531	0	0	0	0	0	0	0	4,251	11,579	0	0	0	0	0	0	0	0	39,089		
Brady Canal Hydrologic Restoration	TE-28	3	NRCS	1-May-99	A	22-May-00	1,084,338	541,206	543,132	18,462	0	62,786	70,474	40,980	19,964	20,483	100,116	21,562	22,122	53,729	23,288	88,788	0	379	0	0	0	0	0	0	543,132		
Cameron-Creole Maintenance	CS-04a	3	NRCS	30-Sep-97	A	30-Sep-97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Channel Armor Gap Crevasse	MR-06	3	COE	22-Sep-97	A	2-Nov-97	393,778	192,472	201,306	0	11,726	73,288	0	9,553	0	0	0	0	0	0	95,008	11,730	0	0	0	0	0	0	0	0	201,305		

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PROJECT	Proj Code	PL	Agency	Const Start	Const Comp	(A) Current Estimate - Monitoring	(D) Expenditures TOTAL MONITORING	(E) = (A) - (D) Unexpended Balance TOTAL MONITORING	BALANCE REMAINING ALLOCATED FOR CRMS	FY06 (still to be invoiced/credited)	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	Sum (MUST equal (E))
Hopedale Hydrologic Restoration	PO-24	8	NMFS	10-Jan-04	A 15-Jan-05	A 641,052	125,409	515,643	69,199	259,173	16,833	17,271	11,739	0	0	39,901	28,952	0	13,693	0	0	0	0	34,297	0	22,941	1,644	0	0	0	0	515,643	
Humble Canal Hydrologic Restoration	ME-11	8	NRCS	1-Jul-02	A 1-Mar-03	A 674,821	209,942	464,879	15,965	75,880	29,581	18,734	19,448	59,574	20,234	21,005	34,506	21,854	23,772	37,268	63,285	0	0	23,770	0	0	0	0	0	0	0	464,878	
Lake Portage Land Bridge	TV-17	8	NRCS	15-Feb-03	A 15-May-04	A 87,096	18,691	68,405	15,802	46,884	0	0	0	2,854	0	0	0	0	0	0	0	2,865	0	0	0	0	0	0	0	0	0	68,405	
Sabine Refuge Marsh Creation, Cycle 1	CS-28-1	8	COE	15-Aug-01	A 26-Feb-02	A 25,669	25,669	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sabine Refuge Marsh Creation, Cycle 2	CS-28-2	8	COE	15-Jan-08	15-Jun-08	40,654	22,048	18,606	1,997	0	0	11,898	4,585	126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,606	
Sabine Refuge Marsh Creation, Cycle 3	CS-28-3	8	COE	25-Oct-06	A 30-Sep-07	40,920	0	40,920	0	0	0	0	0	13,407	8,792	0	0	0	0	0	0	17,451	0	1,270	0	0	0	0	0	0	0	40,920	
Sabine Refuge Marsh Creation, Cycle 4	CS-28-4	8	COE			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sabine Refuge Marsh Creation, Cycle 5	CS-28-5	8	COE			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
						27,211,629	12,920,560	14,291,068	2,113,694	4,595,621	972,318	725,877	500,538	521,714	528,099	746,688	568,247	339,147	471,783	541,862	484,844	590,775	239,805	53,603	93,350	0	260,664	11,028	0	0	0	14,359,656	

CWPPRA PPL1-8 Projects, Monitoring and O&M Costs to Potentially Return to "Cash-Flow Pot"						O&M			3-year Rolling Amount Needed				Remaining Balance, to Be Requested Annually												Sum (MUST equal (E))						
PROJECT	Proj Code	PL	Agency	Const Start	Const Compl	(A) Current Estimate O&M	(D) Expenditures TOTAL O&M	(E) = (A) - (D) Unexpended Balance TOTAL O&M	FY06 (still to be invoiced/credited)	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28
Barataria Bay Waterway Wetland Creation	BA-19	1	COE	22-Jul-96	A	15-Oct-96	A	0	0	0																				0	
Bayou Labranche Wetland Creation	PO-17	1	COE	6-Jan-94	A	7-Apr-94	A	560	560	0																				0	
Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 1	PO-16	1	FWS	1-Jun-95	A	30-May-96	A	294,364	118,194	176,170																				0	
Cameron Creole Plugs	CS-17	1	FWS	1-Oct-96	A	28-Jan-97	A	198,245	32,431	165,814																				0	
Cameron Prairie National Wildlife Refuge Shoreline Protection	ME-09	1	FWS	19-May-94	A	9-Aug-94	A	213,059	29,429	183,630																				0	
GIWW to Clovelly Hydrologic Restoration	BA-02	1	NRCS	21-Apr-97	A	31-Oct-00	A	1,235,079	84,243	1,150,836																				0	
Isles Dernieres Restoration East Island Lake Salvador Shoreline Protection a Jean Lafitte NHP&P	TE-20	1	EPA	16-Jan-98	A	15-Jun-99	A	0	0	0																				0	
Sabine National Wildlife Refuge Eroser Protection	CS-18	1	FWS	24-Oct-94	A	1-Mar-95	A	294,521	14,342	280,179																				0	
Vegetative Plantings - Falgout Canal Planting Demonstration(DEMO)	TE-17	1	NRCS	30-Aug-96	A	30-Dec-96	A	27,885	13,654	14,231																				0	
Vegetative Plantings - Timbalier Island Planting Demonstration (DEMO)	TE-18	1	NRCS	15-Mar-95	A	30-Jul-96	A	27,885	13,654	14,231																				0	
Vegetative Plantings - West Hackberry Planting Demonstration (DEMO)	CS-19	1	NRCS	15-Apr-93	A	30-Mar-94	A	27,884	13,654	14,230																				0	
Vermilion River Cutoff Bank Protection	TV-03	1	COE	10-Jan-96	A	11-Feb-96	A	235,937	73,119	162,818																				0	
West Bay Sediment Diversion	MR-03	1	COE	10-Sep-03	A	28-Nov-03	A	15,142,908	7,678,891	7,464,017																				0	
Atchafalaya Sediment Delivery	AT-02	2	NMFS	25-Jan-98	A	21-Mar-98	A	452,452	11,122	441,330																				0	
Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 2	PO-18	2	FWS	15-Apr-96	A	28-May-97	A	367,239	190,300	176,939																				0	
Big Island Mining	AT-03	2	NMFS	25-Jan-98	A	8-Oct-98	A	409,773	12,190	397,583																				0	
Brown Lake Hydrologic Restoration Caernarvon Diversion OUTFall Management	BS-03a	2	NRCS	1-Jun-01	A	19-Jun-02	A	1,172,767	160,915	1,011,852																				0	
Clear Marais Bank Protection	CS-22	2	COE	29-Aug-96	A	3-Mar-97	A	796,394	54,899	741,495																				0	
East Mud Lake Marsh Management	CS-20	2	NRCS	1-Oct-95	A	15-Jun-96	A	1,323,955	305,431	1,018,524																				0	
Freshwater Bayou Wetland Protection	ME-04	2	NRCS	29-Aug-94	A	15-Aug-98	A	1,258,566	766,394	492,172																				0	
Fritchie Marsh Restoration	PO-06	2	NRCS	1-Nov-00	A	1-Mar-01	A	225,211	51,869	173,342																				0	
Highway 384 Hydrologic Restoration	CS-21	2	NRCS	1-Oct-99	A	7-Jan-00	A	345,898	178,744	167,154																				0	
Isles Dernieres Restoration Trinity Island	TE-24	2	EPA	27-Jan-98	A	15-Jun-99	A	0	0	0																				0	
Jonathan Davis Wetland Restoration	BA-20	2	NRCS	22-Jun-98	A	1-Mar-08		7,310,604	67,188	7,243,416																				0	
Point Au Fer Canal Plugs Vermilion Bay/Boston Canal Shore Protection	TE-22	2	NMFS	1-Oct-95	A	8-May-97	A	829,429	304,965	524,464																				0	
West Belle Pass Headland Restoration	TE-23	2	COE	10-Feb-98	A	30-Sep-05	*	434,475	12,839	421,636																				0	
Brady Canal Hydrologic Restoration	TE-28	3	NRCS	1-May-99	A	22-May-00	A	1,344,038	866,574	477,464																				0	
Cameron-Creole Maintenance	CS-04a	3	NRCS	30-Sep-97	A	30-Sep-97	A	5,840,505	970,316	4,870,189																				0	
Channel Armor Gap Crevasse	MR-06	3	COE	22-Sep-97	A	2-Nov-97	A	0	0	0																				0	
Cote Blanche Hydrologic Restoration	TV-04	3	NRCS	25-Mar-98	A	15-Dec-98	A	2,508,340	501,844	2,006,496																				0	
East Timbalier Island Sediment Restoration, Phase 1	TE-25	3	NMFS	1-May-99	A	1-May-01	A	0	0	0																				0	
Lake Chapeau Sediment Input and Hydrologic Restoration	TE-26	3	NMFS	14-Sep-98	A	18-May-99	A	655,589	392,149	263,440																				0	
Lake Salvador Shore Protection Demonstration (DEMO)	BA-15	3	NMFS	2-Jul-97	A	30-Jun-98	A	291,455	291,455	0																				0	
MRGO Disposal Area Marsh Protection Sabine Keluge Structure Replacement (Hog Island)	PO-19	3	COE	25-Jan-99	A	29-Jan-99	A	0	0	0																				0	
West Pointe a la Hache OUTFall Management	CS-23	3	FWS	1-Nov-99	A	10-Sep-03	A	567,987	80,931	487,056																				0	
Whiskey Island Restoration	BA-04c	3	NRCS					829,138	49	829,089																				0	
	TE-27	3	EPA	13-Feb-98	A	15-Jun-00	A	0	0	0																				0	

PROJECT	Proj Code	PL	Agency	Const Start	Const Compl	(A) Current Estimate O&M	(D) Expenditures TOTAL O&M	(E) = (A) - (D) Unexpended Balance TOTAL O&M	FY06 (still to be invoiced/credited)	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	Sum (MUST equal (E))
Barataria Bay Waterway West Side Shoreline Protection	BA-23	4	NRCS	1-Jun-00	A	1-Nov-00	A	746,260	137,898	608,362																					0	
East Timbalier Island Sediment Restoration, Phase 2	TE-30	4	NMFS	1-May-99	A	15-Jan-00	A	0	0	0																					0	
Perry Ridge Shore Protection	CS-24	4	NRCS	15-Dec-98	A	15-Feb-99	A	424,509	22,468	402,041																					0	
Plowed Terraces Demonstration (DEMO)	CS-25	4	NRCS	30-Apr-99	A	31-Aug-00	A	3,972	3,330	642																					0	
Bayou Chevee Shoreline Protection	PO-22	5	COE	25-Aug-01	A	17-Dec-01	A	236,693	18,457	218,236																					0	
Bayou Lafourche Siphon	BA-25	5	EPA					0	0	0																					0	
Freshwater Bayou Bank Stabilization	ME-13	5	NRCS	15-Feb-98	A	15-Jun-98	A	575,510	67,265	508,245																					0	
Grand Bayou Hydrologic Restoration	TE-10	5	FWS	1-Dec-08		1-May-09		2,744,800	0	2,744,800																					0	
Little Vermilion Bay Sediment Trapping	TV-12	5	NMFS	10-May-99	A	20-Aug-99	A	193,807	18,652	175,155																					0	
Myrtle Grove Siphon	BA-24	5	NMFS					0	0	0																					0	
Naomi Outfall Management Raccoon Island breakwaters Demonstration (DEMO)	TE-29	5	NRCS	21-Apr-97	A	31-Jul-97	A	29,034	12,349	16,685																					0	
Sweet Lake Wetland Hydrologic Restoration	CS-11b	5	NRCS	1-Nov-99	A	2-Oct-02	A	478,513	13,527	464,986																					0	
Mississippi River Reintroduction into Bayou Lafourche	BA-25b	5.1	EPA					0	0	0																					0	
Barataria Bay Waterway East Side Shoreline Protection	BA-26	6	NRCS	1-Dec-00	A	31-May-01	A	1,228,500	46,447	1,182,053																					0	
Black Bayou Hydrologic Restoration Cremerie au Tigre sediment Trapping Demonstration (DEMO)	CS-27	6	NMFS	1-Jul-01	A	3-Nov-03	A	592,986	87,701	505,285																					0	
Delta Wide Crevasses Wetland Dissipant Demo at Head of Passes (DEMO)	MR-09	6	NMFS	21-Jun-99	A	1-May-05	A	3,695,207	968,076	2,727,131																					0	
Delta Wide Crevasses Wetland Dissipant Demo at Head of Passes (DEMO)	MR-10	6	COE	3-Jun-02	A	21-Jun-02	A	0	0	0																					0	
Delta Wide Crevasses Wetland Dissipant Demo at Head of Passes (DEMO)	TE-32a	6	FWS	1-Sep-08		1-Mar-09		3,245,424	0	3,245,424																					0	
Marsh Island Hydrologic Restoration Nutria Harvest for Wetland Restoration (DEMO)	TV-14	6	COE	25-Jul-01	A	12-Dec-01	A	700,000	56,837	643,163																					0	
Lake Arvey Canal Hydrologic Restoration, Increment 1	TV-13a	6	NRCS	15-Apr-99	A	11-Oct-02	A	323,000	40,339	282,661																					0	
Penchant Basin Natural Resources Plan, Increment 1	TE-34	6	NRCS	1-Feb-08		1-Jan-09		1,855,804	0	1,855,804																					0	
Sediment Trapping at "The Jaws" Barataria Basin Landbridge Shoreline Protection, Phase 1 and 2	TV-15	6	NMFS	14-Jul-04	A	19-May-05	A	256,471	1,061	255,410																					0	
Grand Terre Vegetative Plantings	BA-27	7	NRCS	1-Dec-00	A	1-Apr-08		1,525,609	23,636	1,501,973																					0	
Pecan Island Terracing	BA-28	7	NMFS	1-May-01	A	1-Jul-01	A	62,643	1,822	60,821																					0	
Thin Mat Floating Marsh Enhancement Demonstration (DEMO)	ME-14	7	NMFS	15-Dec-02	A	10-Sep-03	A	200,006	4,242	195,764																					0	
Thin Mat Floating Marsh Enhancement Demonstration (DEMO)	TE-36	7	NRCS	15-Jun-99	A	10-May-00	A	0	0	0																					0	
Hopedale Hydrologic Restoration	PO-24	8	NMFS	10-Jan-04	A	15-Jan-05	A	449,209	14,092	435,117																					0	
Humble Canal Hydrologic Restoration	ME-11	8	NRCS	1-Jul-02	A	1-Mar-03	A	239,858	21,065	218,793																					0	
Lake Portage Land Bridge	TV-17	8	NRCS	15-Feb-03	A	15-May-04	A	105,143	5,889	99,254																					0	
Sabine Refuge Marsh Creation, Cycle 1	CS-28-1	8	COE	15-Aug-01	A	26-Feb-02	A	2,003	2,003	0																					0	
Sabine Refuge Marsh Creation, Cycle 2	CS-28-2	8	COE	15-Jan-08		15-Jun-08		0	0	0																					0	
Sabine Refuge Marsh Creation, Cycle 3	CS-28-3	8	COE	25-Oct-06	A	30-Sep-07		0	0	0																					0	
Sabine Refuge Marsh Creation, Cycle 4	CS-28-4	8	COE					0	0	0																					0	
Sabine Refuge Marsh Creation, Cycle 5	CS-28-5	8	COE					0	0	0																					0	
								65,718,887	14,976,301	50,742,585	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## Gallagher, Anne E MVN-Contractor

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**From:** David Burkholder [davidb@dnr.state.la.us]  
**Sent:** Thursday, May 24, 2007 2:17 PM  
**To:** LeBlanc, Julie Z MVN  
**Cc:** Chris Knotts; Browning, Gay B MVN; Richard Raynie; Ed Haywood; Daniel Llewellyn; Goodman, Melanie L MVN  
**Subject:** RE: Analysis of PPL1-8 O&M and Monitoring

Julie,

The quick answer to your request is that the information is not currently available. Each year as part of our annual inspection process we estimate the O&M funding required for the next three years on all projects, whether PPL 1-8 or cash flow. If we need to request additional funding, we also submit a revised budget for the remainder of the project's 20 year life. But we have never gone back and re-estimated the budgets of all the pre-cash flow projects for the remainder of their 20 year lives.

Our internal schedule for developing O&M funding requests for the October budgeting meeting calls for the draft cost estimates to be completed by July 15, but they will probably be ready several weeks earlier. These estimates of the O&M funding required during the next three years for PPL 1-8 projects could be subtracted from the unexpended balance along with estimated FY06 and FY07 billings to obtain the amount of O&M funding that could be returned to the program. However, one issue that your proposed analysis neglects is that the possibility (and likelihood given post-Katrina construction costs) that the unexpended O&M balance is inadequate for the remaining lifespan of the PPL 1-8 projects.

I will be out of the office until Thursday of next week, but will be glad to discuss this further when I return.

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

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

From: LeBlanc, Julie Z MVN [mailto:Julie.Z.LeBlanc@mvn02.usace.army.mil]

Sent: Sunday, May 20, 2007 11:00 AM

To: David Burkholder; Richard Raynie; aburruss@usgs.gov; Amelia\_vincent@ursCorp.com; Billy Hicks; britt.paul@la.usda.gov; comvss@lsu.edu; Constance, Troy G MVN; Creel, Travis J MVN; Daniel Llewellyn; darryl\_clark@fws.gov; Deetra Washington; Dr. John Foret; Gallagher, Anne E MVN-Contractor; Gay Browning; Gerry Duszynski; Goodman, Melanie L MVN; gsteyer@usgs.gov; H. Finley; Harrel Hay; Hennington, Susan M MVN; Jack Arnold; jim\_boggs@fws.gov; John Petitbon; john.jurgensen@la.usda.gov; kevin\_roy@fws.gov; Lachney, Fay V MVN; Landers.Timothy@epamail.epa.gov; LeBlanc, Julie Z MVN; Miller, Gregory B MVN; parrish.sharon@epa.gov; rachel.sweeney@noaa.gov; Rauber, Gary W MVN; richard.hartman@noaa.gov; scott\_wilson@usgs.gov; Suzanne Hawes; Taylor.Patricia-A@epamail.epa.gov; Thomas Podany; Gary Rauber; Gregory Miller; ruiz\_mj@wlf.state.la.us  
Subject: Analysis of PPL1-8 O&M and Monitoring

CWPPRA Technical Committee/P&E Subcommittee/LDNR Monitoring and O&M Managers:

<<PPL1-8-ConvertO&M&MonitoringtoCashFlowAnalysis-TC-30May07.xls>> <<PPL1-8-ConvertO&M&MonitoringtoCashFlowAnalysis-TC-30May07-BREAKDOWN.xls>>

Agenda Item 10 on the upcoming Technical Committee agenda is entitled "Impacts of Converting Non-Cash Flow Project to Cash Flow". A primary reason that the Task Force is considering moving PPL1-8 projects to cash flow would be to temporarily free up long-term O&M and monitoring (beyond what is required to maintain a 3-year rolling balance). In order to provide more information to the Technical Committee, the Corps has been working to develop a breakdown of the O&M and monitoring funds that could be returned to the funding pot if cash flow were implemented for PPL1-8 projects. Funding for O&M and monitoring for these projects would then be requested/funded in 3-year rolling amounts as is being done for PPL9+ projects.

Currently, the 20-year O&M and monitoring funds for PPL1-8 projects have already been obligated (MIPR'd) to the lead Federal agency (with the exception of Corps projects). This makes tracking the exact dollar amount that could be returned to the program more difficult. The first attached spreadsheet shows the breakdown of monitoring and O&M funding for PPL1-8 projects.

FOR MONITORING (project-specific): The current estimate is \$27.2M, with \$12.9M expended. This leaves an unexpended balance of \$14.3M. Simplistically, the MAXIMUM that could be returned to the program is the \$14.3M unexpended balance. However, this does not take into account FY06 and FY07 monitoring billings still to be applied nor does it take into account what is needed for the monitoring program to maintain a 3-year rolling amount of funds. The dollar amount that could be returned to the program is less than \$14.3M.

FOR O&M: The current estimate is \$65.7M, with \$15.0M expended. This leaves an unexpended balance of \$50.7M. Simplistically, the MAXIMUM that could be returned to the program is the \$50.7M unexpended balance. However, this does not take into account FY06 and FY07 O&M billings still to be applied nor does it take into account what is needed for the O&M program to maintain a 3-year rolling amount of funds. The dollar amount that could be returned to the program is less than \$50.7M.

Because the Corps does not have accurate breakdowns of the years in which the monitoring and O&M funding will be needed for the PPL1-8 projects (the expenditures do not track the initial economic analysis done for the projects), we cannot provide a better estimation of the dollars that could be put back into the pot. Additional information is needed from the monitoring and O&M managers at LDNR in order to accurately pin down the exact dollar amount that could be returned to the program. The Corps has put together a spreadsheet that will break down the 20-year monitoring and O&M estimates for all PPL1-8 projects into yearly amounts. The Unexpended Balance Column (in RED) needs to be further broken down into the 20 year estimates (or remaining years, depending upon when the project completed construction). The amounts shown in FY06-FY28 (in most cases not all columns will be used because construction was completed and 20-years of O&M and monitoring have started) MUST

equal the unexpended balance.

The LDNR monitoring and O&M managers are asked to work with Gay Browning over the next week to determine if this information can be compiled for all PPL1-8 projects. I will be on annual leave over the next week. Hopefully, the yearly breakdown by dollar amount is readily available and can be provided in the requested spreadsheet within the next week. In any case, a response from the LDNR monitoring and O&M managers is requested by Friday, 25 May 07.

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



## Gallagher, Anne E MVN-Contractor

---

**From:** Daniel Llewellyn [DanielL@dnr.state.la.us]  
**Sent:** Thursday, May 24, 2007 10:11 AM  
**To:** Goodman, Melanie L MVN; Gallagher, Anne E MVN-Contractor  
**Subject:** FW: Analysis of PPL1-8 O&M and Monitoring

**Attachments:** PPL1-8-ConvertOMMonitoringtoCashFlowAnalysis-TC-30May07-BREAKDOWN1-Raynie values.xls



PPL1-8-ConvertOM  
MonitoringtoCa...

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

From: Richard Raynie  
Sent: Thursday, May 24, 2007 8:18 AM  
To: 'LeBlanc, Julie Z MVN'  
Cc: David Burkholder; Gay Browning; gsteyer@usgs.gov; Daniel Llewellyn; Ed Haywood; Kirk Rhinehart  
Subject: RE: Analysis of PPL1-8 O&M and Monitoring

Julie,

Attached is the Monitoring spreadsheet as requested. I added a column to account for the balance of funds that the Task Force authorized for CRMS from the PPL 1-8 projects. Bottom line is that of the \$14.3M in unexpended monitoring funds, approximately \$4.8M is available for cash flow after you subtract out the projected expenditures through FY10. I will be out of the office until Wednesday May 30th, but I will be happy to discuss this with you at your convenience, if you feel it necessary.

Thanks.

Rick.

Richard C. Raynie  
Coastal Resources Senior Scientist  
Louisiana Department of Natural Resources  
Coastal Restoration Division  
PO Box 44027  
Baton Rouge, Louisiana 70804-4027

ph: 225-342-9436

fax: 225-242-3632

e: Richard.Raynie@LA.gov <mailto:Richard.Raynie@LA.gov>

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From: LeBlanc, Julie Z MVN [mailto:Julie.Z.LeBlanc@mvn02.usace.army.mil]

Sent: Sunday, May 20, 2007 11:00 AM

To: David Burkholder; Richard Raynie; aburruss@usgs.gov; Amelia\_vincent@ursCorp.com; Billy Hicks; britt.paul@la.usda.gov; comvss@lsu.edu; Constance, Troy G MVN; Creel, Travis J MVN; Daniel Llewellyn; darryl\_clark@fws.gov; Deetra Washington; Dr. John Foret; Gallagher, Anne E MVN-Contractor; Gay Browning; Gerry Duszynski; Goodman, Melanie L MVN; gsteyer@usgs.gov; H. Finley; Harrel Hay; Hennington, Susan M MVN; Jack Arnold; jim\_boggs@fws.gov; John Petitbon; john.jurgensen@la.usda.gov; kevin\_roy@fws.gov; Lachney, Fay V MVN; Landers.Timothy@epamail.epa.gov; LeBlanc, Julie Z MVN; Miller, Gregory B MVN; parrish.sharon@epa.gov; rachel.sweeney@noaa.gov; Rauber, Gary W MVN; richard.hartman@noaa.gov; scott\_wilson@usgs.gov; Suzanne Hawes; Taylor.Patricia-A@epamail.epa.gov; Thomas Podany; Gary Rauber; Gregory Miller; ruiz\_mj@wlf.state.la.us  
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Julie Z. LeBlanc  
U. S. Army Corps of Engineers  
(504) 862-1597

CWPRA PPL1-8 Projects, Monitoring and O&M Costs to Potentially Return to "Cash-Flow Pot"								Monitoring				
PROJECT	Proj Code	PL	Agency	Const Start		Const Compl		(A) Current Estimate - Monitoring	(B) Obligations (Typically, 20 years) TOTAL MONITORING	(C) = (A) - (B) Unobligated Balance TOTAL MONITORING	(D) Expenditures TOTAL MONITORING	(E) = (A) - (D) Unexpended Balance TOTAL MONITORING
Barataria Bay Waterway Wetland Creation	BA-19	1	COE	22-Jul-96	A	15-Oct-96	A	64,906	64,906	0	64,906	0
Bayou Labranche Wetland Creation	PO-17	1	COE	6-Jan-94	A	7-Apr-94	A	274,024	306,794	(32,770)	234,047	39,977
Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 1	PO-16	1	FWS	1-Jun-95	A	30-May-96	A	360,328	339,442	20,886	143,931	216,397
Cameron Creole Plugs	CS-17	1	FWS	1-Oct-96	A	28-Jan-97	A	374,511	373,120	1,391	336,340	38,171
Cameron Prairie National Wildlife Refuge Shoreline Protection	ME-09	1	FWS	19-May-94	A	9-Aug-94	A	101,177	104,967	(3,790)	91,665	9,512
GIWW to Clovelly Hydrologic Restoration	BA-02	1	NRCS	21-Apr-97	A	31-Oct-00	A	1,236,624	1,147,477	89,147	535,669	700,955
Isles Dernieres Restoration East Island	TE-20	1	EPA	16-Jan-98	A	15-Jun-99	A	511,530	500,607	10,923	361,191	150,339
Lake Salvador Shoreline Protection at Jean Lafitte NHP&P		1	COE	1-Jun-95	A	21-Mar-96	A	0	0	0	0	0
Sabine National Wildlife Refuge Erosion Protection	CS-18	1	FWS	24-Oct-94	A	1-Mar-95	A	97,382	88,584	8,798	72,648	24,734
Vegetative Plantings - Falgout Canal Planting Demonstration(DEMO)	TE-17	1	NRCS	30-Aug-96	A	30-Dec-96	A	62,994	79,794	(16,800)	79,794	(16,800)
Vegetative Plantings - Timbalier Island Planting Demonstration (DEMO)	TE-18	1	NRCS	15-Mar-95	A	30-Jul-96	A	69,673	96,602	(26,929)	96,602	(26,929)
Vegetative Plantings - West Hackberry Planting Demonstration (DEMO)	CS-19	1	NRCS	15-Apr-93	A	30-Mar-94	A	68,630	86,567	(17,937)	85,637	(17,007)
Vermilion River Cutoff Bank Protection	TV-03	1	COE	10-Jan-96	A	11-Feb-96	A	91,766	92,376	(610)	83,654	8,112

PROJECT	Proj Code	PL	Agency	Const Start		Const Compl		(A) Current Estimate - Monitoring	(B) Obligations (Typically, 20 years) TOTAL MONITORING	(C) = (A) - (B) Unobligated Balance TOTAL MONITORING	(D) Expenditures TOTAL MONITORING	(E) = (A) - (D) Unexpended Balance TOTAL MONITORING
West Bay Sediment Diversion	MR-03	1	COE	10-Sep-03	A	28-Nov-03	A	1,196,946	1,026,433	170,513	53,053	1,143,893
Atchafalaya Sediment Delivery	AT-02	2	NMFS	25-Jan-98	A	21-Mar-98	A	212,750	243,451	(30,701)	197,295	15,455
Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 2	PO-18	2	FWS	15-Apr-96	A	28-May-97	A	281,427	249,953	31,474	81,398	200,029
Big Island Mining	AT-03	2	NMFS	25-Jan-98	A	8-Oct-98	A	205,993	234,371	(28,378)	176,839	29,154
Brown Lake Hydrologic Restoration	CS-09	2	NRCS	1-Feb-08		1-Feb-09		820,564	762,693	57,871	397,526	423,038
Caernarvon Diversion Outfall Management	BS-03a	2	NRCS	1-Jun-01	A	19-Jun-02	A	837,103	778,705	58,398	440,491	396,612
Clear Marais Bank Protection	CS-22	2	COE	29-Aug-96	A	3-Mar-97	A	107,218	98,552	8,666	56,813	50,405
East Mud Lake Marsh Management	CS-20	2	NRCS	1-Oct-95	A	15-Jun-96	A	1,372,544	1,358,288	14,256	1,004,651	367,893
Freshwater Bayou Wetland Protection	ME-04	2	NRCS	29-Aug-94	A	15-Aug-98	A	891,466	891,565	(99)	604,248	287,218
Fritchie Marsh Restoration	PO-06	2	NRCS	1-Nov-00	A	1-Mar-01	A	915,647	863,868	51,779	544,904	370,743
Highway 384 Hydrologic Restoration	CS-21	2	NRCS	1-Oct-99	A	7-Jan-00	A	394,931	394,404	527	381,592	13,339
Isles Dernieres Restoration Trinity Island	TE-24	2	EPA	27-Jan-98	A	15-Jun-99	A	157,804	171,690	(13,886)	142,344	15,460
Jonathan Davis Wetland Restoration	BA-20	2	NRCS	22-Jun-98	A	1-Mar-08		816,885	793,371	23,514	455,476	361,409
Point Au Fer Canal Plugs	TE-22	2	NMFS	1-Oct-95	A	8-May-97	A	112,833	93,787	19,046	80,610	32,223
Vermilion Bay/Boston Canal Shore Protection	TV-09	2	NRCS	13-Sep-94	A	30-Nov-95	A	137,735	148,040	(10,305)	142,924	(5,189)
West Belle Pass Headland Restoration	TE-23	2	COE	10-Feb-98	A	30-Sep-05	*	163,974	174,832	(10,858)	124,885	39,089
Brady Canal Hydrologic Restoration	TE-28	3	NRCS	1-May-99	A	22-May-00	A	1,084,338	1,023,799	60,539	541,206	543,132

drills \ PPL1-8-ConvertOMMonitoringtoCashFlowAnalysis-TC-30May07xx

PROJECT	Proj Code	PL	Agency	Const Start		Const Compl		(A) Current Estimate - Monitoring	(B) Obligations (Typically, 20 years) TOTAL MONITORING	(C) = (A) - (B) Unobligated Balance TOTAL MONITORING	(D) Expenditures TOTAL MONITORING	(E) = (A) - (D) Unexpended Balance TOTAL MONITORING
Cameron-Creole Maintenance	CS-04a	3	NRCS	30-Sep-97	A	30-Sep-97	A	0	0	0	0	0
Channel Armor Gap Crevasse	MR-06	3	COE	22-Sep-97	A	2-Nov-97	A	393,778	365,468	28,310	192,472	201,306
Cote Blanche Hydrologic Restoration	TV-04	3	NRCS	25-Mar-98	A	15-Dec-98	A	786,937	698,047	88,890	422,329	364,608
East Timbalier Island Sediment Restoration, Phase 1	TE-25	3	NMFS	1-May-99	A	1-May-01	A	142,636	175,129	(32,493)	96,047	46,589
Lake Chapeau Sediment Input and Hydrologic Restoration	TE-26	3	NMFS	14-Sep-98	A	18-May-99	A	748,112	876,044	(127,932)	478,942	269,170
Lake Salvador Shore Protection Demonstration (DEMO)	BA-15	3	NMFS	2-Jul-97	A	30-Jun-98	A	88,809	88,809	0	88,809	0
MRGO Disposal Area Marsh Protection	PO-19	3	COE	25-Jan-99	A	29-Jan-99	A	26,311	26,311	0	26,311	0
Sabine Refuge Structure Replacement (Hog Island)	CS-23	3	FWS	1-Nov-99	A	10-Sep-03	A	836,094	843,482	(7,388)	242,326	593,768
West Pointe a la Hache Outfall Management	BA-04c	3	NRCS					837,055	74,162	762,893	74,162	762,893
Whiskey Island Restoration	TE-27	3	EPA	13-Feb-98	A	15-Jun-00	A	139,313	218,906	(79,593)	121,603	17,710
Barataria Bay Waterway West Side Shoreline Protection	BA-23	4	NRCS	1-Jun-00	A	1-Nov-00	A	131,332	136,892	(5,560)	113,733	17,599
East Timbalier Island Sediment Restoration, Phase 2	TE-30	4	NMFS	1-May-99	A	15-Jan-00	A	145,041	162,587	(17,546)	70,763	74,278
Perry Ridge Shore Protection	CS-24	4	NRCS	15-Dec-98	A	15-Feb-99	A	153,704	146,489	7,215	90,596	63,108
Plowed Terraces Demonstration (DEMO)	CS-25	4	NRCS	30-Apr-99	A	31-Aug-00	A	41,453	51,705	(10,252)	43,045	(1,592)
Bayou Chevee Shoreline Protection	PO-22	5	COE	25-Aug-01	A	17-Dec-01	A	144,178	137,250	6,928	46,148	98,030
Bayou Lafourche Siphon	BA-25	5	EPA					0	0	0	0	0

PROJECT	Proj Code	PL	Agency	Const Start		Const Compl		(A) Current Estimate - Monitoring	(B) Obligations (Typically, 20 years) TOTAL MONITORING	(C) = (A) - (B) Unobligated Balance TOTAL MONITORING	(D) Expenditures TOTAL MONITORING	(E) = (A) - (D) Unexpended Balance TOTAL MONITORING
Freshwater Bayou Bank Stabilization	ME-13	5	NRCS	15-Feb-98	A	15-Jun-98	A	56,748	57,014	(266)	41,861	14,887
Grand Bayou Hydrologic Restoration	TE-10	5	FWS	1-Dec-08		1-May-09		1,225,247	1,109,694	115,553	346,205	879,042
Little Vermilion Bay Sediment Trapping	TV-12	5	NMFS	10-May-99	A	20-Aug-99	A	143,476	138,398	5,078	92,695	50,781
Myrtle Grove Siphon	BA-24	5	NMFS					6,206	6,206	0	6,206	0
Naomi Outfall Management	BA-03c	5	NRCS	1-Jun-02	A	15-Jul-02	A	589,170	582,036	7,134	197,698	391,472
Raccoon Island Breakwaters Demonstration (DEMO)	TE-29	5	NRCS	21-Apr-97	A	31-Jul-97	A	192,384	193,200	(816)	162,918	29,466
Sweet Lake/Willow Lake Hydrologic Restoration	CS-11b	5	NRCS	1-Nov-99	A	2-Oct-02	A	161,249	151,060	10,189	39,263	121,986
Mississippi River Reintroduction into Bayou Lafourche	BA-25b	5.1	EPA					80,400	57,089	23,311	17,170	63,230
Barataria Bay Waterway East Side Shoreline Protection	BA-26	6	NRCS	1-Dec-00	A	31-May-01	A	78,790	80,362	(1,572)	79,862	(1,072)
Black Bayou Hydrologic Restoration	CS-27	6	NMFS	1-Jul-01	A	3-Nov-03	A	838,934	845,974	(7,040)	188,624	650,310
Cheniere au Tigre Sediment Trapping Demonstration (DEMO)	TV-16	6	NRCS	1-Sep-01	A	2-Nov-01	A	54,487	53,333	1,154	39,111	15,376
Delta Wide Crevasses	MR-09	6	NMFS	21-Jun-99	A	1-May-05	A	288,052	332,974	(44,922)	138,334	149,718
Flexible Dustpan Demo at Head of Passes (DEMO)	MR-10	6	COE	3-Jun-02	A	21-Jun-02	A	46,000	43,469	2,531	2,908	43,092
Lake Boudreaux Freshwater Introduction	TE-32a	6	FWS	1-Sep-08		1-Mar-09		858,657	819,055	39,602	127,030	731,627
Marsh Island Hydrologic Restoration	TV-14	6	COE	25-Jul-01	A	12-Dec-01	A	673,747	642,417	31,330	186,881	486,866
Nutria Harvest for Wetland Restoration (DEMO)	LA-03a	6	FWS	20-Sep-98	A	30-Oct-03	A	154,275	154,275	0	154,275	0
Oaks/Avery Canal Hydrologic Restoration, Increment 1	TV-13a	6	NRCS	15-Apr-99	A	11-Oct-02	A	673,700	629,204	44,496	108,360	565,340
Penchant Basin Natural Resources Plan, Increment 1	TE-34	6	NRCS	1-Feb-08		1-Jan-09		855,145	807,244	47,901	39,562	815,583
Sediment Trapping at "The Jaws"	TV-15	6	NMFS	14-Jul-04	A	19-May-05	A	148,823	166,434	(17,611)	35,056	113,767
Barataria Basin Landbridge Shoreline Protection, Phase 1 and 2	BA-27	7	NRCS	1-Dec-00	A	1-Apr-08		168,650	154,510	14,140	144,481	24,169

drills \ PPL1-8-ConvertOMMonitoringtoCashFlowAnalysis-TC-30May07xx

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Grand Terre Vegetative Plantings	BA-28	7	NMFS	1-May-01	A	1-Jul-01	A	146,932	163,042	(16,110)	60,269	86,663
Pecan Island Terracing	ME-14	7	NMFS	15-Dec-02	A	10-Sep-03	A	151,536	180,756	(29,220)	110,018	41,518
Thin Mat Floating Marsh Enhancement Demonstration (DEMO)	TE-36	7	NRCS	15-Jun-99	A	10-May-00	A	470,353	480,862	(10,510)	470,353	0
Hopedale Hydrologic Restoration	PO-24	8	NMFS	10-Jan-04	A	15-Jan-05	A	641,052	611,224	29,828	125,409	515,643
Humble Canal Hydrologic Restoration	ME-11	8	NRCS	1-Jul-02	A	1-Mar-03	A	674,821	602,715	72,106	209,942	464,879
Lake Portage Land Bridge	TV-17	8	NRCS	15-Feb-03	A	15-May-04	A	87,096	80,200	6,896	18,691	68,405
Sabine Refuge Marsh Creation, Cycle 1	CS-28-1	8	COE	15-Aug-01	A	26-Feb-02	A	25,669	25,669	0	25,669	0
Sabine Refuge Marsh Creation, Cycle 2	CS-28-2	8	COE	15-Jan-08		15-Jun-08		40,654	22,048	18,606	22,048	18,606
Sabine Refuge Marsh Creation, Cycle 3	CS-28-3	8	COE	25-Oct-06	A	30-Sep-07		40,920	0	40,920	0	40,920
Sabine Refuge Marsh Creation, Cycle 4	CS-28-4	8	COE					0	0	0	0	0
Sabine Refuge Marsh Creation, Cycle 5	CS-28-5	8	COE					0	0	0	0	0
								<b>27,211,629</b>	<b>25,780,784</b>	<b>1,430,845</b>	<b>12,910,524</b>	<b>14,301,104</b>



CWPPRA PPL1-8 Projects, Monitoring and O&M Costs to Potentially Return to "Cash-Flow Pot"								O&M				
PROJECT	Proj Code	PL	Agency	Const Start		Const Compl	(A) Current Estimate O&M	(B) Obligations (Typically, 20 years) TOTAL O&M	(C) = (A) - (B) Unobligated Balance TOTAL O&M	(D) Expenditures TOTAL O&M	(E) = (A) - (D) Unexpended Balance TOTAL O&M	
Barataria Bay Waterway Wetland Creation	BA-19	1	COE	22-Jul-96	A	15-Oct-96	0	0	0	0	0	
Bayou Labranche Wetland Creation	PO-17	1	COE	6-Jan-94	A	7-Apr-94	560	560	0	560	0	
Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 1	PO-16	1	FWS	1-Jun-95	A	30-May-96	294,364	346,971	(52,607)	118,194	176,170	
Cameron Creole Plugs	CS-17	1	FWS	1-Oct-96	A	28-Jan-97	198,245	196,324	1,921	32,431	165,814	
Cameron Prairie National Wildlife Refuge Shoreline Protection	ME-09	1	FWS	19-May-94	A	9-Aug-94	213,059	189,669	23,390	29,429	183,630	
GIWW to Clovelly Hydrologic Restoration	BA-02	1	NRCS	21-Apr-97	A	31-Oct-00	1,235,079	1,074,419	160,660	84,243	1,150,836	
Isles Dernieres Restoration East Island	TE-20	1	EPA	16-Jan-98	A	15-Jun-99	0	0	0	0	0	
Lake Salvador Shoreline Protection at Jean Lafitte NHP&P		1	COE	1-Jun-95	A	21-Mar-96	0	0	0	0	0	
Sabine National Wildlife Refuge Erosion Protection	CS-18	1	FWS	24-Oct-94	A	1-Mar-95	294,521	255,936	38,585	14,342	280,179	
Vegetative Plantings - Falgout Canal Planting Demonstration(DEMO)	TE-17	1	NRCS	30-Aug-96	A	30-Dec-96	27,885	32,208	(4,323)	13,654	14,231	
Vegetative Plantings - Timbalier Island Planting Demonstration (DEMO)	TE-18	1	NRCS	15-Mar-95	A	30-Jul-96	27,885	32,208	(4,323)	13,654	14,231	
Vegetative Plantings - West Hackberry Planting Demonstration (DEMO)	CS-19	1	NRCS	15-Apr-93	A	30-Mar-94	27,884	30,704	(2,820)	13,654	14,230	
Vermilion River Cutoff Bank Protection	TV-03	1	COE	10-Jan-96	A	11-Feb-96	235,937	217,575	18,362	73,119	162,818	

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West Bay Sediment Diversion	MR-03	1	COE	10-Sep-03	A	28-Nov-03	A	15,142,908	7,746,752	7,396,156	7,678,891	7,464,017
Atchafalaya Sediment Delivery	AT-02	2	NMFS	25-Jan-98	A	21-Mar-98	A	452,452	395,706	56,746	11,122	441,330
Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 2	PO-18	2	FWS	15-Apr-96	A	28-May-97	A	367,239	322,342	44,897	190,300	176,939
Big Island Mining	AT-03	2	NMFS	25-Jan-98	A	8-Oct-98	A	409,773	360,497	49,276	12,190	397,583
Brown Lake Hydrologic Restoration	CS-09	2	NRCS	1-Feb-08		1-Feb-09		432,226	368,084	64,142	692	431,534
Caernarvon Diversion Outfall Management	BS-03a	2	NRCS	1-Jun-01	A	19-Jun-02	A	1,172,767	933,521	239,246	160,915	1,011,852
Clear Marais Bank Protection	CS-22	2	COE	29-Aug-96	A	3-Mar-97	A	796,394	632,227	164,167	54,899	741,495
East Mud Lake Marsh Management	CS-20	2	NRCS	1-Oct-95	A	15-Jun-96	A	1,323,955	586,475	737,480	305,431	1,018,524
Freshwater Bayou Wetland Protection	ME-04	2	NRCS	29-Aug-94	A	15-Aug-98	A	1,258,566	1,186,074	72,492	766,394	492,172
Fritchie Marsh Restoration	PO-06	2	NRCS	1-Nov-00	A	1-Mar-01	A	225,211	207,011	18,200	51,869	173,342
Highway 384 Hydrologic Restoration	CS-21	2	NRCS	1-Oct-99	A	7-Jan-00	A	345,898	378,105	(32,207)	178,744	167,154
Isles Dernieres Restoration Trinity Island	TE-24	2	EPA	27-Jan-98	A	15-Jun-99	A	0	0	0	0	0
Jonathan Davis Wetland Restoration	BA-20	2	NRCS	22-Jun-98	A	1-Mar-08		7,310,604	6,229,540	1,081,064	67,188	7,243,416
Point Au Fer Canal Plugs	TE-22	2	NMFS	1-Oct-95	A	8-May-97	A	829,429	686,979	142,450	304,965	524,464
Vermilion Bay/Boston Canal Shore Protection	TV-09	2	NRCS	13-Sep-94	A	30-Nov-95	A	195,775	168,898	26,877	33,297	162,478
West Belle Pass Headland Restoration	TE-23	2	COE	10-Feb-98	A	30-Sep-05	*	434,475	340,817	93,658	12,839	421,636
Brady Canal Hydrologic Restoration	TE-28	3	NRCS	1-May-99	A	22-May-00	A	1,344,038	1,294,636	49,402	866,574	477,464

drills \ PPL1-8-ConvertOMMonitoringtoCashFlowAnalysis-TC-30May07xx

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Cameron-Creole Maintenance	CS-04a	3	NRCS	30-Sep-97	A	30-Sep-97	A	5,840,505	4,116,127	1,724,378	970,316	4,870,189
Channel Armor Gap Crevasse	MR-06	3	COE	22-Sep-97	A	2-Nov-97	A	0	0	0	0	0
Cote Blanche Hydrologic Restoration	TV-04	3	NRCS	25-Mar-98	A	15-Dec-98	A	2,508,340	677,328	1,831,012	501,844	2,006,496
East Timbalier Island Sediment Restoration, Phase 1	TE-25	3	NMFS	1-May-99	A	1-May-01	A	0	0	0	0	0
Lake Chapeau Sediment Input and Hydrologic Restoration	TE-26	3	NMFS	14-Sep-98	A	18-May-99	A	655,589	422,099	233,490	392,149	263,440
Lake Salvador Shore Protection Demonstration (DEMO)	BA-15	3	NMFS	2-Jul-97	A	30-Jun-98	A	291,455	546,477	(255,022)	291,455	0
MRGO Disposal Area Marsh Protection	PO-19	3	COE	25-Jan-99	A	29-Jan-99	A	0	0	0	0	0
Sabine Refuge Structure Replacement (Hog Island)	CS-23	3	FWS	1-Nov-99	A	10-Sep-03	A	567,987	457,629	110,358	80,931	487,056
West Pointe a la Hache Outfall Management	BA-04c	3	NRCS					829,138	49	829,089	49	829,089
Whiskey Island Restoration	TE-27	3	EPA	13-Feb-98	A	15-Jun-00	A	0	0	0	0	0
Barataria Bay Waterway West Side Shoreline Protection	BA-23	4	NRCS	1-Jun-00	A	1-Nov-00	A	746,260	685,199	61,061	137,898	608,362
East Timbalier Island Sediment Restoration, Phase 2	TE-30	4	NMFS	1-May-99	A	15-Jan-00	A	0	0	0	0	0
Perry Ridge Shore Protection	CS-24	4	NRCS	15-Dec-98	A	15-Feb-99	A	424,509	365,605	58,904	22,468	402,041
Plowed Terraces Demonstration (DEMO)	CS-25	4	NRCS	30-Apr-99	A	31-Aug-00	A	3,972	3,818	154	3,330	642
Bayou Chevee Shoreline Protection	PO-22	5	COE	25-Aug-01	A	17-Dec-01	A	236,693	207,169	29,524	18,457	218,236
Bayou Lafourche Siphon	BA-25	5	EPA					0	0	0	0	0

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Freshwater Bayou Bank Stabilization	ME-13	5	NRCS	15-Feb-98	A	15-Jun-98	A	575,510	536,864	38,646	67,265	508,245
Grand Bayou Hydrologic Restoration	TE-10	5	FWS	1-Dec-08		1-May-09		2,744,800	0	2,744,800	0	2,744,800
Little Vermilion Bay Sediment Trapping	TV-12	5	NMFS	10-May-99	A	20-Aug-99	A	193,807	176,292	17,515	18,652	175,155
Myrtle Grove Siphon	BA-24	5	NMFS					0	0	0	0	0
Naomi Outfall Management	BA-03c	5	NRCS	1-Jun-02	A	15-Jul-02	A	488,980	472,859	16,121	72,771	416,209
Raccoon Island Breakwaters Demonstration (DEMO)	TE-29	5	NRCS	21-Apr-97	A	31-Jul-97	A	29,034	27,303	1,731	12,349	16,685
Sweet Lake/Willow Lake Hydrologic Restoration	CS-11b	5	NRCS	1-Nov-99	A	2-Oct-02	A	478,513	433,466	45,047	13,527	464,986
Mississippi River Reintroduction into Bayou Lafourche	BA-25b	5.1	EPA					0	0	0	0	0
Barataria Bay Waterway East Side Shoreline Protection	BA-26	6	NRCS	1-Dec-00	A	31-May-01	A	1,228,500	1,119,042	109,458	46,447	1,182,053
Black Bayou Hydrologic Restoration	CS-27	6	NMFS	1-Jul-01	A	3-Nov-03	A	592,986	621,388	(28,402)	87,701	505,285
Cheniere au Tigre Sediment Trapping Demonstration (DEMO)	TV-16	6	NRCS	1-Sep-01	A	2-Nov-01	A	24,802	27,090	(2,288)	10,038	14,764
Delta Wide Crevasses	MR-09	6	NMFS	21-Jun-99	A	1-May-05	A	3,695,207	3,434,661	260,546	968,076	2,727,131
Flexible Dustpan Demo at Head of Passes (DEMO)	MR-10	6	COE	3-Jun-02	A	21-Jun-02	A	0	0	0	0	0
Lake Boudreaux Freshwater Introduction	TE-32a	6	FWS	1-Sep-08		1-Mar-09		3,245,424	0	3,245,424	0	3,245,424
Marsh Island Hydrologic Restoration	TV-14	6	COE	25-Jul-01	A	12-Dec-01	A	700,000	618,578	81,422	56,837	643,163
Nutria Harvest for Wetland Restoration (DEMO)	LA-03a	6	FWS	20-Sep-98	A	30-Oct-03	A	0	0	0	0	0
Oaks/Avery Canal Hydrologic Restoration, Increment 1	TV-13a	6	NRCS	15-Apr-99	A	11-Oct-02	A	323,000	302,840	20,160	40,339	282,661
Penchant Basin Natural Resources Plan, Increment 1	TE-34	6	NRCS	1-Feb-08		1-Jan-09		1,855,804	0	1,855,804	0	1,855,804
Sediment Trapping at "The Jaws"	TV-15	6	NMFS	14-Jul-04	A	19-May-05	A	256,471	230,930	25,541	1,061	255,410
Barataria Basin Landbridge Shoreline Protection, Phase 1 and 2	BA-27	7	NRCS	1-Dec-00	A	1-Apr-08		1,525,609	1,518,678	6,931	23,636	1,501,973

drills \ PPL1-8-ConvertOMMonitoringtoCashFlowAnalysis-TC-30May07xx

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Grand Terre Vegetative Plantings	BA-28	7	NMFS	1-May-01	A	1-Jul-01	A	62,643	55,068	7,575	1,822	60,821
Pecan Island Terracing	ME-14	7	NMFS	15-Dec-02	A	10-Sep-03	A	200,006	174,247	25,759	4,242	195,764
Thin Mat Floating Marsh Enhancement Demonstration (DEMO)	TE-36	7	NRCS	15-Jun-99	A	10-May-00	A	0	0	0	0	0
Hopedale Hydrologic Restoration	PO-24	8	NMFS	10-Jan-04	A	15-Jan-05	A	449,209	395,920	53,289	14,092	435,117
Humble Canal Hydrologic Restoration	ME-11	8	NRCS	1-Jul-02	A	1-Mar-03	A	239,858	212,975	26,883	21,065	218,793
Lake Portage Land Bridge	TV-17	8	NRCS	15-Feb-03	A	15-May-04	A	105,143	91,445	13,698	5,889	99,254
Sabine Refuge Marsh Creation, Cycle 1	CS-28-1	8	COE	15-Aug-01	A	26-Feb-02	A	2,003	2,003	0	2,003	0
Sabine Refuge Marsh Creation, Cycle 2	CS-28-2	8	COE	15-Jan-08		15-Jun-08		0	0	0	0	0
Sabine Refuge Marsh Creation, Cycle 3	CS-28-3	8	COE	25-Oct-06	A	30-Sep-07		0	0	0	0	0
Sabine Refuge Marsh Creation, Cycle 4	CS-28-4	8	COE					0	0	0	0	0
Sabine Refuge Marsh Creation, Cycle 5	CS-28-5	8	COE					0	0	0	0	0
								65,718,887	42,147,388	23,571,499	14,976,301	50,742,585

## Gallagher, Anne E MVN-Contractor

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**From:** LeBlanc, Julie Z MVN  
**Sent:** Sunday, May 20, 2007 11:00 AM  
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**Subject:** Analysis of PPL1-8 O&M and Monitoring

**Attachments:** PPL1-8-ConvertO&M&MonitoringtoCashFlowAnalysis-TC-30May07.xls; PPL1-8-ConvertO&M&MonitoringtoCashFlowAnalysis-TC-30May07-BREAKDOWN.xls



PPL1-8-ConvertO&M&Monitoringto... PPL1-8-ConvertO&M&Monitoringto...

CWPPRA Technical Committee/P&E Subcommittee/LDNR Monitoring and

O&M Managers:

Agenda Item 10 on the upcoming Technical Committee agenda is entitled "Impacts of Converting Non-Cash Flow Project to Cash Flow". A primary reason that the Task Force is considering moving PPL1-8 projects to cash flow would be to temporarily free up long-term O&M and monitoring (beyond what is required to maintain a 3-year rolling balance). In order to provide more information to the Technical Committee, the Corps has been working to develop a breakdown of the O&M and monitoring funds that could be returned to the funding pot if cash flow were implemented for PPL1-8 projects. Funding for O&M and monitoring for these projects would then be requested/funded in 3-year rolling amounts as is being done for PPL9+ projects.

Currently, the 20-year O&M and monitoring funds for PPL1-8 projects have already been obligated (MIPR'd) to the lead Federal agency (with the exception of Corps projects). This makes tracking the exact dollar amount that could be returned to the program more difficult. The first attached spreadsheet shows the breakdown of monitoring and O&M funding for PPL1-8 projects.

**FOR MONITORING (project-specific):** The current estimate is \$27.2M, with \$12.9M expended. This leaves an unexpended balance of \$14.3M. Simplistically, the MAXIMUM that could be returned to the program is the \$14.3M unexpended balance. However, this does not take into account FY06 and FY07 monitoring billings still to be applied nor does it take into account what is needed for the monitoring program to maintain a 3-year rolling amount of funds. The dollar amount that could be returned to the program is less than \$14.3M.

**FOR O&M:** The current estimate is \$65.7M, with \$15.0M expended. This leaves an unexpended balance of \$50.7M. Simplistically, the MAXIMUM that could be returned to the program is the \$50.7M unexpended balance. However, this does not take into account FY06 and FY07 O&M billings still to be applied nor does it take into account what is needed for the O&M program to maintain a 3-year rolling amount of funds. The dollar amount that could be returned to the program is less than \$50.7M.

Because the Corps does not have accurate breakdowns of the years in which the monitoring and O&M funding will be needed for the PPL1-8 projects (the expenditures do not track the initial economic analysis done for the projects), we cannot provide a better estimation of the dollars that could be put back into the pot. Additional information is needed from

the monitoring and O&M managers at LDNR in order to accurately pin down the exact dollar amount that could be returned to the program. The Corps has put together a spreadsheet that will break down the 20-year monitoring and O&M estimates for all PPL1-8 projects into yearly amounts. The Unexpended Balance Column (in RED) needs to be further broken down into the 20 year estimates (or remaining years, depending upon when the project completed construction). The amounts shown in FY06-FY28 (in most cases not all columns will be used because construction was completed and 20-years of O&M and monitoring have started) MUST equal the unexpended balance.

The LDNR monitoring and O&M managers are asked to work with Gay Browning over the next week to determine if this information can be compiled for all PPL1-8 projects. I will be on annual leave over the next week. Hopefully, the yearly breakdown by dollar amount is readily available and can be provided in the requested spreadsheet within the next week. In any case, a response from the LDNR monitoring and O&M managers is requested by Friday, 25 May 07.

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

May 30, 2007

**PROJECT COSTS AND BENEFITS REEVALUATION PROCEDURES FOR  
REQUESTING O&M FUNDING INCREASES**

**Discussion:**

At their March 14, 2007 meeting, the Technical Committee directed the P&E Subcommittee to develop a decision-making process for approving requests for increases in O&M funding. The P&E Subcommittee will discuss their recommended approach and request further direction from the Technical Committee to proceed.



**Project Costs and Benefits Reevaluation  
Procedures for Requesting O&M Funding Increases  
P&E Subcommittee Report to the Technical Committee  
30 May 2007**

The P&E Subcommittee was tasked, at the 14 March 07 Technical Committee meeting, with developing a report that would outline a decision-making process for requesting O&M budget increases. The P&E Subcommittee determined that clarification and additional guidance would be needed from the Technical Committee to develop such a decision-making process due to the following issues:

1. There is limited availability of O&M reports and useful monitoring data (both project specific and CRMS) that would be needed as support tools for determining project performance and effectiveness.
2. Such a decision-making process could impose excessive burden on the Planning and Evaluation Subcommittee, Environmental and Engineering Workgroups, and project management teams.
3. The CWPPRA SOP may already provide requirements for requesting O&M budget increases.

The Technical Committee is asked to consider the above issues and following questions:

1. Should project sponsors be required to provide a standard list of detailed information for each funding increase request? For example:
  - a. Originally approved O&M budget and schedule;
  - b. Remaining available O&M budget funds;
  - c. Revised fully funded estimate and schedule to include anticipated cost increases and work to be performed through the remaining project life;
  - d. Percent of cost increase over original budget;
  - e. Projected benefits according to the WVA that was approved when the project was approved for construction.
  - f. Actual benefits realized to date;
  - g. Updated projected benefits with and without continued or otherwise modified O&M.
2. Considering the scarcity or otherwise lack of available and reliable project specific monitoring data for existing projects, and the limitations of the CRMS program, would it be possible to quantitatively or qualitatively analyze projects to determine if they are truly performing according to their intended goals? If not, should more rigorous monitoring plans be established for existing and future projects so that useful quantitative or qualitative analyses could be performed?
3. Considering the staff time (including project management team and Environmental and Monitoring Workgroups) to prepare, review and approve a WVA-type of analysis, should project sponsors be required to perform a full WVA on the remaining project life, considering future with versus future without maintenance, or would a qualitative analysis suffice?

4. Would spatial analyses that are traditionally used by the CWPPRA program (e.g., land/water, habitat, land loss analyses) provide an adequate scale of data to evaluate project performance in terms of realized benefits?
5. Should all projects undergo the same level of rigor in analyzing benefits, or should there be established guidelines or requirements specific to project types, or should there be flexibility in the level of rigor required depending on individual project parameters.
6. Should the decision-making process be a major modification to the SOP, or do existing SOP directives (with or without minor modifications and/or additional guidance from the Task Force), as outlined below, provide adequate project cost and benefits reporting requirements that project sponsors have to meet in order to request O&M cost increases.
  - a. According to Paragraph 5.d(1), 5(d)(3) and 6.e.(2), for non-cash flow projects (with some exceptions), if project costs exceed 25% of the originally approved budget, then the Federal sponsor, with local sponsor concurrence, must formally request approval for additional funds from the Task Force.
  - b. According to Paragraph 5.d.(2) and 6.e.(2), for cash flow projects, if project costs would exceed the originally approved estimate, then the Federal sponsor, with local sponsor concurrence, must formally request approval for additional funds from the Task Force.
  - c. According to Paragraph 6.i., for non-cash flow managed projects' construction approval requests, project sponsors are required to describe substantial modifications or changes in scope from the Task Force approved conceptual project plan.
  - d. According to Paragraph 6.j.(2), for cash flow managed projects, for Phase 2 approval requests require project estimates based on 5 subcategories and a spending schedule. If O&M funding requests are not consistent with the previously approved project budget, additional information must be provided to justify the need for additional funds.
  - e. According to Paragraph 6.l., there are three alternative actions when bids exceed project cost limits, including: a) abandoning the project; b) reducing the scope of the project; and c) requesting additional funds. Revised cost effectiveness and a review of the change in benefits are required if alternative action (b) or (c) are to be pursued.
  - f. According to Paragraph 6.n., funding for O&M shall be as required in Paragraph 6.j.2.

**List of CWPPRA SOP (Revision 13.0, March 14, 2007) Requirements for  
Requesting Project Funding and Funding Increases  
Pertaining to O&M  
30 May 2007**

Under Section 5(d) GENERAL, PROJECT COST LIMITS

- (1) Non-Cash Flow Projects: The total project cost may exceed the original PPL estimate by 25% without the Federal Sponsor formally requesting a cost increase from the Task Force. If the estimated total project cost exceeds the original PPL estimate by more than 25%, the Federal Sponsor, with the concurrence of the Local Sponsor, may request approval from the Technical Committee with subsequent approval by the Task Force for additional funds as indicated in paragraph 6.e.(2). If the increase is approved by the Task Force, no additional increase shall be allowed without the explicit approval of the Task Force. An increase of more than 25% for an individual funding category, except for monitoring as stated in 5.d(3), does not require specific Task Force approval unless the increase causes the total project cost to exceed the original PPL estimate by more than 25%. Demonstration projects are capped at 100%, even though they follow non-cash flow procedures.
  
- (2) Cash-Flow Projects:
  - a. PHASE 1: The Phase 1 cost may not exceed the original PPL Phase 1 estimate without the Federal Sponsor formally requesting a cost increase from the Task Force. If the estimated total cost of Phase 1 exceeds the original PPL Phase 1 estimate, the Federal Sponsor, with the concurrence of the Local Sponsor, may request approval from the Technical Committee with subsequent approval by the Task Force for additional Phase 1 funds as indicated in paragraph 6.e.(2). If the increase is approved by the Task Force, no additional increase shall be allowed without the explicit approval of the Task Force.
  
  - b. PHASE 2: The Phase 2 cost may not exceed the Phase 2 estimate without the Federal Sponsor formally requesting a cost increase from the Task Force. If the estimated total cost of Phase 2 exceeds the Phase 2 estimate developed during Phase 1, the Federal Sponsor, with the concurrence of the Local Sponsor, may request approval from the Technical Committee with subsequent approval by the Task Force for additional Phase 2 funds. If the increase is approved by the Task Force, no additional increase shall be allowed without the explicit approval of the Task Force.
  
- (3) Exceptions: For those monitoring and OMRR&R category estimates that were formally reviewed and approved by the Task Force on 23Jul98 and 20Jan99, respectively, increases in those categories above the approved estimates shall be requested by the Federal Sponsor, with the concurrence of the Local Sponsor, from the Technical Committee with subsequent approval by the Task Force. These requests may occur at any Task Force meeting. Additionally, the monitoring category is capped for all projects at 100% of the original estimate approved by the Task Force and may not exceed this amount without the explicit approval of the Task Force.

## 6 PROCEDURES,

### (e) PRELIMINARY ENGINEERING AND DESIGN:

(2) 30% Design Review: In order to resolve problems and anticipate cost growth at the earliest possible point, a 30% Design Review shall be performed upon completion of a Preliminary Design Report. The Preliminary Design Report shall include: 1) Recommended project features, 2) Engineering and Design surveys, 3) Engineering and Design Geotechnical Investigation (borings, testing results, and analysis), 4) Draft Modeling Report (if applicable), 5) Draft Ecological Review for cash flow-managed projects (See Appendix B), 6) Land Ownership Investigation, 7) Preliminary Cultural Resources Assessment, 8) Revised project construction cost estimates based on the current preliminary design, 9) Description of changes from Phase 0 approval, 10) Map prepared by the Local Sponsor and provided to the Federal Sponsor indicating any oyster leases potentially impacted by the proposed project and a data sheet listing: lease number, lease acreage, lessee name, and other pertinent data. The Federal Sponsor shall hold a "30% Design Review Conference" with the Local Sponsor to obtain their concurrence to continue with design. However, if the Local Sponsor has responsibility for the design of the project, then both Local and Federal Sponsors shall hold a "30% Design Review Conference" to obtain concurrence to continue with design. 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. Any supporting data 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.

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 Phase 1 funds.

After the conference, the Federal Sponsor shall forward a letter (or e-mail) to the Technical Committee with a copy to the Planning and Evaluation Subcommittee along with the revised estimate, a description of project revisions from the previously authorized project, and a letter of concurrence from the Local Sponsor, informing them of the agreement to continue with the project. The Technical Committee may make a recommendation on whether or not to continue with the project.

For cash flow-managed projects, if the estimate indicates that the Phase 1 cost will exceed the original approved amount, the Federal Sponsor may, with local sponsor concurrence, request approval from the Technical Committee with subsequent approval by the Task Force for additional funds to continue at a quarterly meeting. For non-cash flow-managed projects, if the revised estimate indicates that the total project cost will exceed 125% of the original PPL estimate, the Federal Sponsor shall request approval from the Technical Committee with subsequent approval by the Task Force, at any Task Force meeting, to continue with the project.

In some cases, the Task Force may require an additional formal review, involving all the Agencies, of the project design at an intermediate level to ensure that optimum

benefits to wetlands and associated fish and wildlife resources are achieved. In those cases the Federal Sponsor shall be responsible for coordinating the review with the other Agencies and the Local Sponsor.

(j) PHASE 2 APPROVAL FOR CASH-FLOW MANAGED PROJECTS:

(2) At the time that a Federal Sponsor requests Phase 2 approval, the Federal Sponsor shall provide an estimate of the project based on the 5 subcategories along with a spending schedule. The Task Force shall approve the total funds necessary for Phase 2 implementation, but shall only allot funds on an as needed basis and will therefore generally fund the entire amount of Subcategory C (Construction) and the first 3 years of both Subcategory D (Post-Construction Monitoring) and Subcategory E (OMRR&R) upon Phase 2 approval.

At subsequent September Technical Committee and October Task Force meetings, the Federal Sponsor and the Local Sponsor should request approval to maintain 3 years of Subcategory D and E funding for each approved project; however, any additional funding (after the initial 3-year funding) shall not be allotted until project construction is completed. Individual project requests will be grouped with other requests and submitted for approval. Requests should be consistent with the previously approved budget for the project, unless additional information can be provided to justify the need for additional funds. When the request is more than the amount in the approved project's budget, the Technical Committee should review each specific request to determine if the amount should be approved. This programming procedure will ensure that, at any one time, an approved project has sufficient funds for about 3 years of Subcategories D and E.

(l) PROJECT BID OVERRUNS - Pre-award (Amended by Task Force on 21 Oct. 98):

(1) Statement of Problem: Occasionally bids on CWPPRA projects may exceed the project cost limits. When bids exceed the project cost limits, the options are:

(a) Option 1): allow the acceptance period to expire and abandon the project

(b) Option 2): reject all bids, reduce the scope of the project and re-advertise

(c) Option 3): request additional funding from the Technical Committee and subsequently the Task Force and award the contract

(2) Discussion:

(a) Option 1): is not an acceptable option if the project is needed.

(b) Option 2): may be required if the bids are obviously so far over the available funding that the Technical Committee and/or Task Force would not consider additional funding requests.

(c) Option 3): the most desirable option if the overrun is not excessive enough to be considered under Option 2) as a candidate for rejection, scope reduction and re-advertisement.

If option 2 or 3 is selected, the resulting cost effectiveness should be evaluated for substantial increases in cost/habitat unit (i.e. 25% above original). This will require a review of the change in benefits by the Environmental Work Group and approval by the Planning and Evaluation Subcommittee. Provisions in bidding procedures by the State of Louisiana allow for acceptance of a bid within a 30-calendar day window after the offer is made. Provisions in bidding procedures by the Natural Resources Conservation Service, under the Federal Acquisition Regulations (FAR) allow for acceptance of a bid within a 60-calendar day window after the offer is made. Provisions in bidding procedures by the Corps of Engineers, under the Federal Acquisition Regulations (FAR), mandate acceptance of a construction bid within a 30 calendar day window after the offer is made, unless the bidder grants an extension in 30 day increments.

(3) Required Procedure:

(a) The final engineers cost estimate must have been reviewed and updated within 90 days prior to advertisement.

(b) If the final estimate, prior to advertising, equals or slightly exceeds the project cost limits, the bid package should contain a base bid, and additive or deductive alternatives that would allow the project to be awarded within the project cost limits. The base bid with additive or deductive alternates provides additional flexibility if the base bid is lower than anticipated.

(c) If the final estimate is within the available funds (authorized amount) prior to bidding and the base bid without alternates approach was used but the bid exceeded the project cost limits, the Federal Sponsor, with the concurrence of the Local Sponsor, will notify each of the agencies on the Task Force of their intention to request additional funds within 15 days of receipt of bids. The Federal Sponsor should also provide the other members of the Task Force bid data and any information that supports the request for additional funds at the same time.

(d) If the final estimate is within the available funds (authorized amount) prior to bidding and the base bid with alternates approach was used but the bid exceeded the project cost limits, the Federal Sponsor, with the concurrence of the Local Sponsor, would apply deductive alternates to get the project within available funds. In no case should the Federal Sponsor implement, without Task Force approval and Local Sponsor concurrence, a deductive alternative that would reduce the original project's cost-effectiveness by more than 25%; this will require prior consultation with the Planning and Evaluation Subcommittee and the appropriate work groups. If after taking deductive alternatives the base bid still exceeds the project cost limits, the Federal Sponsor, with the concurrence of the Local Sponsor, will notify each of the agencies on the Task Force of their intention to request additional funds within 15 days of receipt of bids. The Federal Sponsor should also provide

the other members of the Task Force bid data and any information that supports the request for additional funds at the same time.

(4) Mandates:

(a) The State of Louisiana must agree to cost share in the additional funds requested prior to bid acceptance.

(b) If a project has already received approval for a cost increase above project cost limits then it must stay within the budgeted amount for construction.

(n) OMRR&R: Project OMRR&R shall be as specified in the project's Cost Sharing Agreement. Funding for OMRR&R activities shall be as required in paragraphs 5.c.(2), 6.j.(2), and 6.k.

(1) Federal Sponsors shall maintain oversight over the Local Sponsor's expenditure of OMRR&R funds. The Local Sponsor shall submit invoices, requests for work-in-kind credits, etc., to the Federal Sponsor for its review. Subsequent to its review and approval of the expenditures, and within 90 days of receipt from the Local Sponsor, the Federal Sponsor shall forward the appropriate documentation to the Corps for payment.

(2) From time to time there will be projects that have completed construction, but that need modification to ensure their success, cover a design deficiency, or to handle some critical unanticipated requirement. Federal Sponsors may make a request through the Technical Committee to the Task Force for funding of such modifications. In its recommendation to the Task Force, the Technical Committee will make a determination whether the funds are needed to meet a time critical requirement or whether funding could be postponed for consideration during the October budgeting meeting.

(3) For those non-cash-flow projects that require additional O&M funding above the approved 20-year estimate, the Task Force will treat the O&M cost increase in a similar manner as cash flow approvals for O&M. The Task Force will consider requests for 3-year incremental O&M funding at their October budgeting meeting.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

May 30, 2007

**STANDARD OPERATING PROCEDURES FOR CHECKS AND BALANCES  
FOR DETERMINING BENEFITS AND UPDATING COST ESTIMATES**

**Report:**

As requested at the February 15, 2007 Task Force Meeting, the workgroup chairmen will make a short presentation on the SOP procedures related to benefits and cost estimates.



## Checks and Balances for Determining Benefits and Updating Cost Estimates

Kevin Roy, Chairman, Environmental Workgroup

John Petitbon, Chairman, Engineering Workgroup

## Phase 0 Benefits Assessment

- Preliminary estimate of project benefits is prepared for each PPL nominee (20 projects). Reviewed by Environmental Workgroup
- After PPL candidate selection (10 projects), a benefits analysis, utilizing the WVA methodology, is prepared by the project sponsor and submitted to the Environmental Workgroup
- Environmental Workgroup reviews and comments on the draft WVA and all supporting information
- Based on workgroup input, a final WVA is submitted along with other information for Phase 1 approval

## Phase 0 Cost Estimates

- Preliminary cost estimate is prepared for each PPL nominee (20 projects). Engineering Workgroup meets to review / approve costs.
- After PPL candidate selection (10 projects), detailed cost estimates prepared by the project sponsor are submitted to the Engineering Workgroup. Engineering Workgroup provides an estimate template which includes general cost guidance and promotes consistent methodology and format.
- Engineering Workgroup reviews and comments on draft cost estimate, including all supporting data and calculations.
- Based on workgroup input, a final cost estimate is submitted along with other information for Phase 1 approval.

## Phase 1 Re-evaluation of Benefits

- Changes in project scope of 25%, in terms of acres benefited or the ratio of total cost to benefits, must be reported to the Technical Committee for subsequent approval or denial by the Task Force
- 95% Design Review - WVA reviewed/approved by Environmental Workgroup
- SOP Phase 2 Checklist requires a WVA which has been reviewed/approved by the Environmental Workgroup

## Phase 1 Review of Cost Estimates

- Preliminary Design Report – revised construction cost estimate based on current preliminary design
- Changes in project scope of 25%, in terms of total project cost or the ratio of total cost to benefits, must be reported to the Technical Committee for subsequent approval or denial by the Task Force
- 30% Design Review - revised construction cost estimate
- 95% Design Review - revised fully-funded cost estimate
- SOP Phase 2 checklist requires a revised fully-funded cost estimate be reviewed by the Engineering Workgroup

## Milestones for Workgroup/Interagency Review of Benefits and Cost Estimates

- Phase 0 – Submission of PPL Nominees - March
- Phase 0 – PPL Candidate Project review – April to August
- Phase 1 - 30% Design Review - revised construction cost estimate
- Phase 1 - 25% Change in project scope – benefits or costs
- Phase 1 - 95% Design Review - revised fully-funded cost estimate and WVA
- Phase 2 Request - Fully-funded cost estimate and WVA reviewed/approved by Workgroups

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

May 30, 2007

**ADDITIONAL AGENDA ITEMS**

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TECHNICAL COMMITTEE MEETING

May 30, 2007

**ANNOUNCEMENT: DATE AND LOCATION OF UPCOMING TASK FORCE  
MEETING**

**Announcement:**

The next Task Force meeting will be held June 27, 2007 at the US Army Corps of Engineers, 7400 Leake Ave., District Assembly Room (DARM) in New Orleans, LA.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

May 30, 2007

**ANNOUNCEMENT: SCHEDULED DATES OF FUTURE PROGRAM MEETINGS**

**Announcement:**

**2007**

<b>June 27, 2007</b>	<b>9:30 a.m.</b>	<b>Task Force</b>	<b>New Orleans</b>
August 29, 2007	7:00 p.m.	PPL17 Public Meeting	Abbeville
August 30, 2007	7:00 p.m.	PPL17 Public Meeting	New Orleans
September 12, 2007	9:30 a.m.	Technical Committee	New Orleans
October 17, 2007	9:30 a.m.	Task Force	New Orleans
December 5, 2007	9:30 a.m.	Technical Committee	Baton Rouge

**2008**

January 8, 2008	10:00 a.m.	RPT Region IV	Rockefeller Refuge
January 9, 2008	9:00 a.m.	RPT Region III	Morgan City
January 10, 2008	9:00 a.m.	RPT Region II	New Orleans
January 10, 2008	1:00 p.m.	RPT Region I	New Orleans
January 30, 2008	9:30 a.m.	Coast-wide RPT Voting	Baton Rouge
<b>February 13, 2008</b>	<b>9:30 a.m.</b>	<b>Task Force</b>	<b>Baton Rouge</b>
<b>March 19, 2008</b>	<b>9:30 a.m.</b>	<b>Technical Committee</b>	<b>New Orleans</b>
<b>April 23, 2008</b>	<b>9:30 a.m.</b>	<b>Task Force</b>	<b>Lafayette</b>
<b>June 18, 2008</b>	<b>9:30 a.m.</b>	<b>Technical Committee</b>	<b>Baton Rouge</b>
<b>July 16, 2008</b>	<b>9:30 a.m.</b>	<b>Task Force</b>	<b>New Orleans</b>
<b>August 27, 2008</b>	<b>7:00 p.m.</b>	<b>PPL 18 Public Meeting</b>	<b>Abbeville</b>
<b>August 28, 2008</b>	<b>7:00 p.m.</b>	<b>PPL 18 Public Meeting</b>	<b>New Orleans</b>
<b>September 10, 2008</b>	<b>9:30 a.m.</b>	<b>Technical Committee</b>	<b>New Orleans</b>
<b>October 15, 2008</b>	<b>9:30 a.m.</b>	<b>Task Force</b>	<b>New Orleans</b>
<b>December 3, 2008</b>	<b>9:30 a.m.</b>	<b>Technical Committee</b>	<b>Baton Rouge</b>

**2009**

<b>February 4, 2009</b>	<b>9:30 a.m.</b>	<b>Task Force</b>	<b>Baton Rouge</b>
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\* Dates in **BOLD** are new or revised dates.