ATTENDANCE RECORD

DATE(S)	SPONSORING ORGANIZATION	LOCATION
November 5, 2008 9:30 A.M.	COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT	U.S. Army Corps of Engineers New Orleans District District Assembly Room 7400 Leake Ave.,New Orleans, La.

PURPOSE **MEETING OF THE CWPPRA TASK FORCE**

PARTICIPANT REGISTER

PLEASE PRINT- - - PLEASE PRINT- - - PLEASE PRINT

NAME	JOB TITLE AND ORGANIZATION	PHONE NUMBER & EMAIL
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Greg Steyer	USGS	225 578 7201

LMV FORM 583-R
JAN 88

* If you wish to be furnished a copy of the attendance record, please indicate so next to your name.

ATTENDANCE RECORD

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PURPOSE **MEETING OF THE CWPPRA TASK FORCE**

PARTICIPANT REGISTER

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NAME	JOB TITLE AND ORGANIZATION	PHONE NUMBER & EMAIL
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Larry Anders	OCPR	225-588-2371
Gavin Bonsall	OCPR	334 482 0690
David Burkholder	OCPR	225-342-0814
Fay Lachney	USACE	504-862-2309

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JAN 88

* If you wish to be furnished a copy of the attendance record, please indicate so next to your name.

ATTENDANCE RECORD

DATE(S)	SPONSORING ORGANIZATION	LOCATION
November 5, 2008 9:30 A.M.	COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT	U.S. Army Corps of Engineers New Orleans District District Assembly Room 7400 Leake Ave.,New Orleans, La.

PURPOSE **MEETING OF THE CWPPRA TASK FORCE**

PARTICIPANT REGISTER

PLEASE PRINT- - - PLEASE PRINT- - - PLEASE PRINT

NAME	JOB TITLE AND ORGANIZATION	PHONE NUMBER & EMAIL
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Rick Raynie	DCPR	225-342-9436
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Susan Testroet-Bergeron	BTNEP	985-447-0868
Simone Mulo	Restore or Retreat	(985) 448 4485

LMV FORM 583-R
JAN 88

* If you wish to be furnished a copy of the attendance record, please indicate so next to your name.

BREAUX ACT

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

AGENDA

November 5, 2008 9:30 a.m.

Location:
U.S. Army Corps of Engineers Office
7400 Leake Ave.
New Orleans, Louisiana
District Assembly Room (DARM)

Documentation of Task Force meetings may be found at:
http://www.mvn.usace.army.mil/pd/cwppra_mission.htm

Tab Number Agenda Item

1. **Meeting Initiation 9:30 a.m. to 9:40 a.m.**
   a. Introduction of Task Force Members or Alternates
   b. Opening remarks of Task Force Members

2. **Discussion/Decision/Vote: Adoption of Minutes from the June 4, 2008 Task Force Meeting (Tom Holden, USACE) 9:40 a.m. to 9:45 a.m.** Mr. Tom Holden will present the minutes from the last Task Force meeting. Task Force members may provide suggestions for additional information to be included in the official minutes.

3. **Discussion/Decision/Vote: Impacts of Hurricanes Gustav and Ike (Tom Holden, USACE) 9:45 a.m. to 10:10 a.m.** The Technical Committee recommends Task Force approval for an increase in the Storm Recovery Procedures Contingency Fund in the amount of $266,227 to complete assessments on projects affected by Hurricanes Gustav and Ike.

4. **Report: Status of Breaux Act Program Funds and Projects (Gay Browning, USACE/Melanie Goodman, USACE) 10:10 a.m. to 10:25 a.m.** Ms. Gay Browning and Ms. Melanie Goodman will provide an overview of the status of CWPPRA accounts and available funding in the Planning and Construction Programs.

5. **Report/Discussion: Status of Unconstructed Projects (Britt Paul, NRCS/Melanie Goodman, USACE) 10:25 a.m. to 10:45 a.m.** The NRCS and CPRA will report on the status of the Brown Lake Hydrologic Restoration Project. The Task Force will also consider approving the Technical Committee's recommendations to deauthorize or transfer the below listed projects:
   - **For Deauthorization:**
     1. Periodic Introduction of Sediment & Nutrients at Selected Diversion Sites Demo
     2. Grand Bayou Hydrologic Restoration
   - **For Transfer to the Louisiana Coastal Impact Assistance Program:**
     3. East Grand Terre Island Restoration
   - **For Transfer to the Louisiana Coastal Area (LCA) Program:**
     4. Delta Building Diversion at Myrtle Grove

6. **Report/Discussion: CWPPRA Program Projected Funding Capacity (Melanie Goodman, USACE) 10:45 a.m. to 11:15 a.m.** Ms. Goodman will report on projections of the CWPPRA program funding capacity and implications for future priority project lists, and options identified by the Technical Committee for future PPLs.

7. **Report/Decision/Vote: Task Force Fax Vote Approval on USACE and LACPRA Request to Increase the Construction Budget for the PPL 8 - Sabine Refuge Marsh Creation Project, Cycle 2 (CS-28-2), and request for a project scope change. (Tom Holden, USACE/Melanie Goodman, USACE) 11:15 a.m. to 11:30 a.m.** The Task Force, by Fax vote, approved a request by the U.S. Army Corps of Engineers (USACE) and the Louisiana Coastal Protection and Restoration Authority (LACPRA) for a construction budget increase request for the PPL 8 - Sabine Refuge Marsh Creation Project, Cycle 2 (CS-28-2). The Task Force approved an increase in the project construction budget in the amount of $5,000,000, including immediate funding in the amount of $2,060,351, to construct a permanent sediment delivery pipeline. Bids for the pipeline construction were greater than the government's maximum awardable amount, and a contract was therefore not awarded. As such, the pipeline will not be constructed in time to meet the FY 09 maintenance dredging schedule for the Calcasieu Ship Channel. At the October 9, 2008 Technical Committee meeting, Mr. Kirk Rhinehart notified the Technical Committee that the State of Louisiana would pursue beneficial use of the dredge material from the FY 09 maintenance event with a temporary pipeline using State funds. The USACE project manager will provide a status on the proposed path forward including a request to change the project scope. The Technical Committee recommends that the project scope be changed to eliminate the marsh creation feature from Cycle 2.

8. **Report: Task Force Fax Vote Request for Change in Scope for the PPL 14 - East Marsh Island Marsh Creation Project (TV-21) (Tim Landers, EPA) 11:30 a.m. to 11:35 a.m.** The U.S. Environmental Protection Agency (EPA), U.S. Natural Resources Conservation Service (NRCS) and Louisiana Coastal Protection and Restoration Authority (LACPRA) requested Technical Committee recommendation for Task Force fax vote approval for a change in scope for the TV-21 project due to estimated construction cost increases exceeding 25% over those originally authorized in 2005. Project features have also changed from creating approximately 189 acres of marsh and nourishing an additional 189 acres, to creating approximately 165 acres of marsh and nourishing an additional 197 acres. The Task Force approved the requested change in scope by fax vote.

9. **Decision/Vote: FY09 Planning Budget Approval, including the PPL 19 Process, and Presentation of FY09 Outreach Budget (Melanie Goodman, USACE/Scott Wilson, USGS) 11:35 a.m. to 11:45 a.m.**
   - **a.** The Technical Committee will recommend to the Task Force that the PPL 19 Planning Process Standard Operating Procedures include selecting three nominees in the Barataria, Terrebonne, and Pontchartrain Basins, and two nominees in all other basins, except Atchafalaya where only one nominee would be selected. If only one project is presented at the Regional Planning Team meeting for the Mississippi River Delta Basin, then an additional nominee would be selected for the Breton Sound Basin.
   - **b.** The Technical Committee will recommend to the Task Force the FY09 Planning Budget in the amount of $4,930,325 (excluding supplemental tasks for evaluating project estimates). The Task Force will consider the Technical Committee's recommendations on to approve the FY09 Planning Budget.
   - **c.** The CWPPRA Outreach Committee will request Task Force approval for the FY09 Outreach Committee Budget in the amount of $516,310.

10. **Decision/Vote: Annual Request for Incremental Funding for Administrative Costs for Cash Flow Projects (Gay Browning, USACE) 11:45 a.m. to 11:50 a.m.** The USACE will request funding approval in the amount of $22,138 for administrative costs for cash flow projects beyond Increment 1. The Task Force will consider the Technical Committee's recommendation to approve the request for funds.

11. **Decision/Vote: Request for Operation and Maintenance (O&M) Incremental Funding (David Burkholder, CPRA) 11:50 a.m. to 12:10 p.m.** The Task Force will consider the Technical Committee's recommendations to approve requests for total O&M budget increases in the amount of $6,714,424 and incremental funding in the amount of $2,478,150.
    - **a.** PPL 1-8 project budget increases totaling $2,679,635, for projects that previously received Task Force approval for incremental funding increases:
        - Cameron-Creole Maintenance (CS-04a): $674,046
        - Cote Blanche Hydrologic Restoration (TV-04): $571,000
        - Highway 384 Hydrologic Restoration (CS-21): $313,494
        - Lake Chapeau Sediment Input and Hydrologic Restoration (TV-26): $915,192
        - East Mud Lake Marsh Management (CS-20): $205,903
    - **b.** PPL 1-8 Projects requesting approval for O&M budget increases totaling $943,438 and FY 11 incremental funding in the amount of $371,231, for the following projects:
        - Cameron-Creole Plugs (CS-17), PPL-1, USFWS
            Budget increase amount: $218,909
            incremental funding amount: $95,380.
        - Black Bayou Hydrologic Restoration (CS-27), PPL-6, NMFS
            Budget increase amount: $499,987
            incremental funding amount: $134,223
        - Freshwater Bayou Wetland Protection (ME-04), PPL-2, NRCS
            Budget increase amount: $129,616
            incremental funding amount: $102,724
        - Freshwater Bayou Bank Stabilization (ME-13), PPL-5, NRCS
            Budget increase amount: $94,926
            incremental funding amount: $38,904
    - **c.** PPL 9+ Projects requesting approval for O&M budget increase in the total amount of $3,091,351 and/or FY 11 incremental funding in the total amount of $2,106,919, for the following projects:
        - Little Lake Shoreline Protection and Marsh Creation (BA-37), PPL-11, NMFS
            Budget increase amount: $3,091,351
            incremental funding amount: $65,124.
        - Coastwide Nutria Control Program (LA-03b), PPL-11, NRCS
            incremental funding amount: $2,041,795.

12. **Report: Coast-wide Nutria Control Program - Annual Report (Edmond Mouton, LDWF) 12:10 p.m. to 12:20 p.m.** LA-03b Coast-wide Nutria Control Program (CNCP) Annual Report and Presentation to the Task Force.

- - - LUNCH BREAK - - - 40 minutes

13. **Decision/Vote: Request for FY12 Project Specific Monitoring Funds for Cash Flow Projects, and FY12 Coastwide Reference Monitoring System (CRMS)-Wetlands Monitoring Funds (Greg Steyer, USGS) 1:00 p.m. to 1:10 p.m.** Following a presentation by USGS on the status/progress of CRMS over the past year, the Task Force will vote on the following requests:
    - **a.** Project specific FY12 monitoring funding for projects on PPLs 9+ in the amount of $146,243 for the following projects:
        - Four Mile Canal Terracing and Sediment Trapping (TV-18), PPL-9, NMFS
          Requested increase in the amount of $24,511
        - Coastwide Nutria Control Program (LA-03b), PPL-11, NRCS
          Requested increase in the amount of $121,732
    - **b.** CRMS FY12 monitoring funds in the amount of $7,600,455.

14. **Discussion: River Diversions and Potential Induced Shoaling (Amena Henville, USACE) 1:10 p.m. to 1:30 p.m.** The USACE will provide a brief on potential impacts of River Diversions proposed on the Mississippi River and the dynamics of induced shoaling. An update on the West Bay Sediment Diversion Project performance will also be provided.

15. **Decision/Vote: Request for Operations and Maintenance (O&M) Budget Increase and Incremental Funding for PPL 1 – West Bay Sediment Diversion Project (MR-03) (Melanie Goodman, USACE) 1:30 p.m. to 2:00 p.m.** The Corps of Engineers requested Technical Committee recommendation for Task Force approval for an O&M budget increase in the amount of $118,451,908 for the MR-03 project to cover maintenance dredging in the Pilottown Achorage Area (PAA) through 2023 and to expand the diversion channel to the approved 50,000 cfs capacity. With this, the Corps requested incremental funding through FY 11 in the amount of $10,998,550 to conduct maintenance dredging in the PAA. The Technical Committee is recommending that the Task Force only approve the requested $10,998,550 in incremental funding through FY11 only.

16. **Decision/Vote: Request for Change in Scope and Budget Increase for PPL 3 -West Pointe a la Hache Outfall Management Project (BA-4c) (Britt Paul, NRCS) 2:00 p.m. to 2:05 p.m.** The U.S. Natural Resource Conservation Service (NRCS) and Louisiana Coastal Protection Restoration Authority (LACPRA) request Task Force approval for a change in project scope and a budget increase in the amount of $1,101,221 for the BA-4c project. The additional funds are not needed at this time to complete Engineering and Design, and therefore would be requested when project construction approval is requested. The Task Force will consider the Technical Committee's recommendations to approve the BA-4c project's change in project scope and a budget increase in the amount of $1,101,221.

17. **Report: Public Outreach Committee Report (Dave Marks, USGS) 2:05 p.m. to 2:10 p.m.**
    Mr. Marks will present the quarterly Public Outreach Committee report.

18. **Additional Agenda Items (Col. Al Lee, USACE) 2:10 p.m. to 2:25 p.m.**

19. **Request for Public Comments (Col. Al Lee, USACE) 2:25 p.m. to 2:30 p.m.**

20. **Announcement: Date of Upcoming CWPPRA Program Meeting (Melanie Goodman, USACE) 2:30 p.m. to 2:35 p.m.** The PPL 18 Public Meetings will be held November 18, 2008 at 7:00 p.m. at the Vermilion Parish Police Jury Courthouse Building, Courtroom #1, 2nd Floor, 100 North State St., Abbeville, Louisiana and November 19, 2008 at 7:00 p.m. at the U.S. Army Corps of Engineers, 7400 Leake Ave., New Orleans, Louisiana in the District Assembly Room (DARM).

21. Announcement: Scheduled Dates of Future Program Meetings (Melanie Goodman, USACE) 2:35 p.m. to 2:40 p.m.

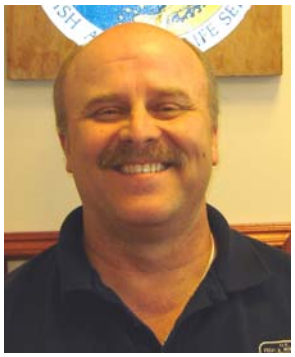
		2008	
November 18, 2008	7:00 p.m.	PPL 18 Public Meeting	Abbeville
November 19, 2008	7:00 p.m.	PPL 18 Public Meeting	New Orleans
December 3, 2008	9:30 a.m.	Technical Committee	New Orleans

		2009	
January 21, 2009	9:30 a.m.	Task Force	New Orleans
January 27, 2009	1:00 p.m.	RPT Region IV	Rockefeller Refuge
January 28, 2009	9:00 a.m.	RPT Region III	Morgan City
January 29, 2009	9:00 a.m.	RPT Region II	New Orleans
January 29, 2009	1:00 p.m.	RPT Region I	New Orleans
February 18, 2009	9:30 a.m.	Coast-wide RPT Voting	Baton Rouge

22. Decision: Adjourn

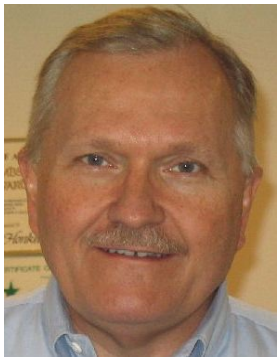
Task Force Members

Col Alvin B. Lee
District Commander and District Engineer
U.S. Corp of Engineers, New Orleans District



Mr. Jim Boggs
Field Supervisor
U.S. Fish and Wildlife Service

Mr. Garret Graves
Senior Advisor to the Governor for Coastal Activities
Governor's Office of Coastal Activities



Mr. William K. Honker
Deputy Director, Water Quality Protection Division
Environmental Protection Agency

Mr. Christopher Doley
Office of Habitat Conservation
National Marine and Fisheries Service

Mr. Kevin Norton
State Conservationist
Natural Resources Conservation Service

Technical Committee Members

Mr. Thomas A. Holden
Deputy District Engineer
U.S. Army Corps of Engineers

Mr. Darryl Clark
Senior Field Biologist
U.S. Fish and Wildlife Service

Mr. Kirk Rhinehart
Planning Administrator
Office of Coastal Protection and Restoration
State of Louisiana OCPR

Mr. Tim Landers
Life Scientist
Environmental Protection Agency

Mr. Rick Hartman
Fishery Biologist
National Marine and Fisheries Service

Mr. Britt Paul
Assistant State Conservationist/Water Resources
Natural Resources Conservation Service

Planning & Evaluation Committee

Ms. Melanie Goodman
CWPPRA Program and Senior Project Manager
U.S. Army Corps of Engineers

Mr. Kevin Roy
Senior Field Biologist
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Ms. Kelley Templet
Coastal Resources Scientist
State of Louisiana OCPR

Mr. Brad Crawford
Civil Engineer
Environmental Protection Agency

Ms. Rachel Sweeney
Ecologist
National Marine and Fisheries Service

Mr. John Jurgensen
Civil Engineer
Natural Resources Conservation Service

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEMBERS

Task Force Member	Member's Representative
Governor, State of Louisiana	Mr. Garret Graves Senior Advisor for Coastal Activities Office of the Governor Governor's Office of Coastal Activities Capitol Annex –Suite 138 1051 North 3rd Street Baton Rouge, LA 70802 (225) 342-3968 Fax: (504) 342-5214
Administrator, EPA	Mr. William Honker Deputy Director Environmental Protection Agency, Region 6 Water Quality Protection Division (6WQ) 1445 Ross Avenue Dallas, Texas 75202-2733 (214) 665-3187; Fax: (214) 665-7373
Secretary, Department of the Interior	Mr. Jim Boggs Field Office Supervisor U.S. Fish and Wildlife Service Louisiana Field Office 646 Cajundome Blvd., Suite 400 Lafayette, Louisiana 70506 (337) 291-3115; Fax (337) 291-3139

TASK FORCE MEMBERS (cont.)

Task Force Member	Member's Representative
Secretary, Department of Agriculture	Mr. Kevin Norton State Conservationist Natural Resources Conservation Service 3737 Government Street Alexandria, Louisiana 71302 (318) 473-7751; Fax: (318) 473-7682
Secretary, Department of Commerce	Mr. Christopher Doley Director- NOAA Restoration Center Office of Habitat Conservation National Oceanic and Atmospheric Admin. National Marine Fisheries Service 1315 East-West Highway, Room 14853 Silver Spring, Maryland 20910 (301) 713-2325; Fax: (301) 713-0184
Secretary of the Army (Chairman)	Colonel Alvin B. Lee District Engineer U.S. Army Engineer District, N.O. P.O. Box 60267 New Orleans, LA 70160-0267 (504) 862-2204; Fax: (504) 862-2492

Gallagher, Anne E MVN-Contractor

From: Landers.Timothy@epamail.epa.gov
Sent: Monday, October 20, 2008 5:15 PM
To: Goodman, Melanie L MVN; Gallagher, Anne E MVN-Contractor
Cc: honker.william@epa.gov; Watson.Jane@epamail.epa.gov; Crawford.Brad@epamail.epa.gov
Subject: Re: Call for Agenda Items/Review of DRAFT 5 NOV 08 Task Force Agenda

Anne and Melanie,
We have no additional items or comments on the draft CWPPRA Task Force agenda. However, we would like to inform you in writing that Bill Honker will not be able to attend the Task Force meeting on November 5, or the pre-conference call on November 3. Bill has requested that Jane Watson, Associate Director Ecosystems Protection Branch, represent EPA at these upcoming events. I would ask that you include Jane Watson as well as Brad Crawford, EPA's P&E Subcommittee representative, on forthcoming email regarding call-in information for the November 3 conference call. Their email addresses are both copied above. Thank you for your attention to this matter.

Tim Landers
U.S. Environmental Protection Agency, Region 6 Chief, Marine & Coastal Section (6WQ-EC)
Water Quality Protection Division
1445 Ross Avenue
Dallas, Texas 75202-2733
TEL (214) 665-6608
FAX (214) 665-6689

"Gallagher, Anne E MVN-Contractor" <Anne.E.Gallagher@usace.army.mil>

10/16/2008 02:33 PM

To William Honker/R6/USEPA/US@EPA, <britt.paul@la.usda.gov>, "Browning, Gay B MVN" <Gay.B.Browning@usace.army.mil>, "Cece Linder" <cecelia.linder@noaa.gov>, "Chris Doley" <chris.doley@noaa.gov>, "Constance, Troy G MVN" <Troy.G.Constance@usace.army.mil>, <darryl_clark@fws.gov>, "Dr. John Foret" <john.foret@noaa.gov>, <enger.kinchen@la.gov>, "Gallagher, Anne E MVN-Contractor" <Anne.E.Gallagher@usace.army.mil>, "garret graves" <'garret@louisianatransition.com'>, "garret graves" <garret@la.gov>, "Goodman, Melanie L MVN" <Melanie.L.Goodman@usace.army.mil>, <gsteyer@usgs.gov>, "Gunter, Jackie P MVN" <jackie.p.gunter@usace.army.mil>, "Habbaz, Sandra P MVN" <Sandra.P.Habbaz@usace.army.mil>, "Harrel Hay" <harrel.hay@noaa.gov>, "Hawes,

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

November 5, 2008

ADOPTION OF MINUTES FROM THE JUNE 4, 2008 TASK FORCE MEETING

For Discussion/Decision/Vote:

Mr. Tom Holden will present the minutes from the last Task Force meeting. Task Force members may provide suggestions for additional information to be included in the official minutes.

BREAUX ACT
Coastal Wetlands Planning, Protection and Restoration Act

TASK FORCE MEETING
4 June 2008

Minutes

I. INTRODUCTION

Colonel Alvin Lee convened the 69th meeting of the Louisiana Coastal Wetlands Conservation and Restoration Task Force. The meeting began at 9:35 a.m. on June 4, 2008 at the Estuarine Fisheries and Habitat Center, Conference Room 119, 646 Cajundome Blvd., Lafayette, LA. The agenda is shown as Enclosure 1. The Task Force was created by the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA, commonly known as the Breaux Act), which was signed into law (PL 101-646, Title III) by President George Bush on November 29, 1990.

II. ATTENDEES

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

Mr. Jim Boggs, U.S. Fish and Wildlife Service (USFWS)
Mr. Christopher Doley, National Marine Fisheries Service (NMFS)
Mr. Garret Graves, State of Louisiana, Governor's Office of Coastal Activities (GOCA)
Mr. William Honker, U.S. Environmental Protection Agency (USEPA)
Colonel Alvin Lee, Chairman, U.S. Army Corps of Engineers (Corps)
Mr. Kevin Norton, Natural Resources Conservation Service (NRCS)

III. OPENING REMARKS

Colonel Lee presented Mr. Miguel Flores, USEPA, with a certificate of commendation for exemplary service to the CWPPRA Program from August 2002 to July 2005 as the USEPA representative on the Task Force. Mr. Honker accepted the certificate on behalf of Mr. Flores.

IV. ADOPTION OF MINUTES FROM FEBRUARY 2008 TASK FORCE MEETING

Colonel Lee called for a motion to adopt the minutes from the February 13, 2008 Task Force Meeting.

Mr. Honker moved to adopt the minutes and Mr. Boggs seconded. The motion was passed by the Task Force.

V. TASK FORCE DECISIONS

A. Decision/Vote: USFWS and LDNR Request for Deauthorization of the Grand Bayou Hydrologic Restoration Project (TE-10) (Agenda Item #6)

Mr. Holden announced that the USFWS and LDNR have agreed to deauthorize the Grand Bayou Hydrologic Restoration Project. Hydrologic modeling results predict that the project would cause increased salinity which is the opposite of the project's intended goals. The Technical Committee recommends the Task Force approve the initiation of CWPPRA Standard Operating Procedure (SOP) to deauthorize this project.

Mr. Boggs moved to initiate the SOP to deauthorize the Grand Bayou Hydrologic Restoration Project. Mr. Norton seconded. The motion was passed by the Task Force.

B. Decision/Vote: NRCS/LDNR Request for Approval to Change Project Scope and Begin Construction of the PPL 6 - Penchant Basin Natural Resources Plan, Increment 1 (TE-34) (Agenda Item #8)

Mr. Holden announced that the project scope change for the Penchant Basin Natural Resources Plan, Increment 1 consists of eliminating project features and reducing project benefits. The current fully-funded estimate is $17.6 million, which is at the 125 percent approved limit. No additional funds are being requested at this time. The Technical Committee recommends that the Task Force approve the request to change the project scope and begin construction.

Mr. Norton moved to approve the change in project scope and begin construction for the Penchant Basin Natural Resources Plan, Increment 1. Mr. Honker and Mr. Boggs seconded. The motion was passed by the Task Force.

C. Discussion: Initial Discussion of FY09 Planning Budget Development (Process, Size, Funding, etc.) (Agenda Item #9)

Ms. Melanie Goodman, Corps, announced that the Planning and Evaluation (P&E) Subcommittee will initiate development of the FY09 Planning Budget which will include the PPL 19 process. The budget will be developed within the $5 million received annually. Ms. Goodman asked the Task Force for guidance on budget development.

Colonel Lee opened the floor to comments from the Task Force.

Mr. Honker said that there is potential for the program to run out of money in a few years. He feels the Task Force supports moving ahead with PPL 19 as normal, but requested that the Technical Committee conduct a long-term, multi-year outlook for program funding to determine the cost implications of the current PPL projects that CWPPRA is committed to follow through to completion and provide O&M. Mr. Honker would like this analysis presented at the next Task Force meeting.

Colonel Lee added that this analysis should be included by the Technical Committee in the next Report to Congress. They should also include the GAO reports, audits of the program and the CEQ President's Earth Day Report on no net loss.

Colonel Lee opened the floor to comments from the public.

Mr. Morgan Elzey, Common Ground Relief, commented on Mr. Honker's statement that the program would run out of money in the next few years. Does this mean that the PPL 18 projects wouldn't be approved or just less of them would be approved? Mr. Honker replied that this would be discussed in more detail at the next Task Force meeting. Under current funding projections there will come a point, well in advance of the 2019 date which is the extent of the CWPPRA program authorization, where CWPPRA will not be able to fund new projects. He also clarified that we're talking about federal dollars, not state dollars. Mr. Graves added that, over time as long as the funding level remains constant, a higher percentage of funds are for O&M and a lower percentage are available for construction. Mr. Graves said that it is unlikely that there would be a significant reduction in the amount of funds available for construction over the next three or four years but the projections look a little different beyond that.

Colonel Lee tasked the Technical Committee with conducting a refined analysis as suggested by Mr. Honker and provide the results with additional documentation on the CWPPRA Program in the next Report to Congress. The Technical Committee will also review all projects to verify O&M costs. The Technical Committee will provide a full report on both items to the Task Force at the October 2008 meeting.

D. Discussion/Decision/Vote: Status of Unconstructed Projects (Agenda Item #10)

Ms. Goodman said that the P&E Subcommittee periodically reviews the status of projects with delayed starts and projects that have not completed the design review or requirements to get these projects on schedule for requesting construction approval. These projects were assigned to four major categories: projects that are on schedule, projects that are delayed by Project Delivery Team issues, projects that are delayed with programmatic issues, and a 4th category which includes projects that have been languishing or projects picked up by other programs. The P&E recommended to the Technical Committee to deauthorize some of these in the 4th group. There are 17 projects that are delayed for Project Delivery Team issues and another 14 projects that are affected by programmatic and funding issues. Programmatic issues include inability of the Corps and DNR to execute a model cost share agreement and the induced shoaling issues associated with river diversions and other projects in major navigational waterways. The Freshwater Bayou Bank Stabilization - Belle Isle Canal to Lock project is being held up by CWPPRA funding limitations. The Rockefeller Refuge Gulf Shoreline Stabilization Demonstration project has also been held up by funding limitations. The Technical Committee has recommended a Task Force decision on transfer to CIAP. The Ship Shoal: Whiskey West Flank Restoration project has not been constructed due to funding limitations. The US Army Corps of Engineers Operations Division built the Lake Borgne section of the Lake Borgne and MRGO Shoreline Protection project with 3rd supplemental funds. Consultation with them is currently ongoing regarding whether or not the MRGO section of the project needs to continue under the CWPPRA program because of changes to the MRGO authorization. The East Grand

Terre Island Restoration project is held up due to funding limitations. The Spanish Pass Diversion Project has been delayed because there is no cost-share agreement in place. The Delta Building Diversion North of Fort St. Philip project has been delayed because of an emergency closure plan and induced shoaling issues. Induced shoaling issues are also a concern with the Benney's Bay Diversion project. The Castille Pass Sediment Delivery project is held up due to permit issues between the US Army Corps of Engineers and National Marine and Fisheries Service associated with induced shoaling and perpetual maintenance as well as funding limitations. The Mississippi River Sediment Trap project is held up due to induced shoaling and funding issues.

Ms. Goodman announced that the Technical Committee recommends four projects for deauthorization or transfer to other programs. This is the initiation phase of the deauthorization and transfer process. Once the Task Force approves to initiate the procedure, the Corps will coordinate with the Federal and State sponsors and notify landowners and parish governments of the impending deauthorization from CWPPRA. Following the notice and barring any major objections, the Technical Committee and Task Force will vote on a final decision for deauthorization or transfer at their meetings in September and October 2008, respectively.

Projects Recommended for Deauthorization

Ms. Goodman said that the Technical Committee recommends deauthorization of the Periodic Introduction of Sediment and Nutrients at Selected Diversion Sites Demonstration Project because the project cannot be completed within the scope of funding provided. The Project Management Team (PMT) is preparing a report for the project to document their findings and identify the cost needed to do a meaningful demonstration project.

Mr. Honker moved to deauthorize the Periodic Introduction of Sediment and Nutrients at Selected Diversion Sites Demonstration Project. Mr. Norton seconded. The motion was passed by the Task Force.

Mr. Honker added that although he fully supports the deauthorization of the Periodic Introduction of Sediment and Nutrients at Selected Diversion Sites Demonstration Project, he hopes that the program funds a similar sediment delivery with a freshwater diversion project soon. He feels the technology has a lot of promise to accomplish restoration and marsh creation. Mr. Doley asked that a lessons-learned section be included in the PMT close-out report. Ms. Goodman agreed and added that the Corps is trying to get the close-out report completed before deauthorization. Colonel Lee reiterated that a lessons-learned section needs to be included so that the Task Force can make informed decisions.

Projects to Transfer to the Louisiana Coastal Impact Assistance Program (CIAP)

Ms. Goodman said that the Technical Committee recommends transferring the East Grand Terre Island Restoration Project and the Rockefeller Refuge Gulf Shoreline Stabilization Demonstration Sections Project from CWPPRA to CIAP.

Mr. Doley moved to initiate the transfer process for the East Grand Terre Island Restoration Project and the Rockefeller Refuge Gulf Shoreline Stabilization Demonstration Sections Project from CWPPRA to CIAP with the stipulation that an assessment of post-construction project needs and a determination of how to apportion costs between CWPPRA and CIAP be reported to the Technical Committee and Task Force. The Technical Committee and Task Force have the option to approve some or all of the costs. Mr. Honker seconded. The motion was passed by the Task Force.

Projects to Transfer to the Louisiana Coastal Area (LCA) Program

Ms. Goodman said that the Technical Committee recommends transferring the Delta Building Diversion at Myrtle Grove Project to the LCA since it was authorized in WRDA 2007. Hydrologic modeling conducted by the State and the Corps is almost completed. Ms. Goodman gave a brief description of the deauthorization and transfer procedures. Basically this is the initiation phase, and once the Task Force approves that we initiate, the Corps will coordinate with the various Federal sponsors and the State on these projects and do a public notice to Congressional interests and local parish governments and affected landowners, to notify them of an impending deauthorization. Following that notice, barring any major objections that might arise, the Technical Committee and the Task Force will be asked in September/October for a recommendation and final decision on the actual transfer. That's when the projects will be officially deauthorized or transferred from the program.

Colonel Lee opened the floor to comments from the public.

Mr. O'neil Malbrough, representing Jefferson Parish, had opposed the transfer of the Delta Building Diversion at Myrtle Grove Project to the LCA. The project started as a small diversion project in CWPPRA, first proposed in PPL 3. The LCA and State Master Plan proposed a larger diversion. His opposition wasn't based upon the merits of the project but the timing of getting something accomplished and the immediate need in this area. This was the linchpin project that Jefferson Parish identified in their 1992 plan and is the only component of their comprehensive plan that has not been completed. CWPPRA approved a small diversion in PPL 5 or 6. It was proposed in PPL 8 as an 8,000 cfs diversion, a larger diversion. It was then moved to a riverine or sediment diversion and now it's being moved to another place. It has been 15-20 years since this project was proposed in the Barataria and Parish plans and there has been no progress in introducing freshwater to the system. There were very high salinities during drought years and the need is urgent. There had been hope that CWPPRA could build a small project to address the immediate needs of the area while a larger project was being developed. He asked that freshwater be moved as quickly as possible into the basin and noted this as a LCA Program need that has been lingering for 20 years.

Mr. Graves asked if there was a requirement that a project authorized under the Water Resources Development Act (WRDA) could not also be in the CWPPRA Program. Ms. Goodman replied that they are investigating whether or not there is double-dipping with the dual authorizations and appropriations. She said that they are nearing completion of this analysis and should be sending something out to the Task Force members this week.

Mr. P.J. Hahn, Plaquemines Parish, reiterated Mr. Malbrough's comments. The Delta Building Diversion at Myrtle Grove Project is also important to Plaquemines Parish and he hopes that we can kick it up a notch and get it out faster.

Mr. Honker moved to initiate the transfer of the Delta Building Diversion at Myrtle Grove Project from CWPPRA to the LCA. Mr. Boggs seconded. The motion was passed by the Task Force.

V. INFORMATION

A. Status of Breaux Act Program Funds and Projects (Agenda Item #3)

Ms. Gay Browning, Corps, presented a status on the current funding situation. The Task Force approved the FY08 Planning Budget for about $5 million in October 2007. There is a current surplus of $1.2 million in the Planning Program. To date, the Construction Program has received $798 million in Federal funding with $83 million (Federal) received in FY08. The anticipated FY09 funding is about $79 million (Federal). There are $707 million in obligations, and another $50 million may be obligated by September 2008. Total expenditures are $418 million. There are 145 active projects: 75 have completed construction, 16 are currently under construction, and 54 have not yet started construction. Eleven projects are scheduled to begin construction in FY08.

Ms. Goodman briefed the Task Force on the current and projected funding situations. The total available funding balance, including the non-Federal cost share, is $503,918. Currently, there is $428,330 available in the Construction Program and $1,185,632 available in the Planning Program for a total of $1.6 million in unencumbered funds. The projected total program funding through 2019 is estimated to be $2.46 billion including $5 million per year for the Planning Program. The total cost for all projects on PPLs 1 through 17, including Planning, Storm Recovery Contingency Fund, Monitoring Contingency Fund, and 20 years of O&M, is $2.046 billion. Mr. Honker and Colonel Lee had questions regarding whether these numbers reflected budget or cost increases. Ms. Goodman replied with an explanation of the graphs. 20 years of funding required ("committed") for projects which have been approved for construction amounts to $1,200.0 million. The "gap" between total funds into the total program (Fed/non-Fed) over the life of the program (FY92-20) and the "committed" funding is $1,258.7 million. Including unapproved cost increases for non-cash flow projects, the "gap" between it and "committed" funding amounts to $1,238.3 million. Ms. Goodman replied that some projects have updated their cost estimates, but many cost estimates pre-date the hurricanes and may be low.

B. Report: NOAA Fisheries and LDNR Request for Task Force Fax Vote to Increase the Operations and Maintenance (O&M) Budget for the PPL 3 - Lake Chapeau Hydrologic Restoration and Marsh Creation Project (TE-26) (Agenda Item #4)

Mr. Tom Holden, Corps, reported that the Task Force approved to increase O&M funds in the amount of $326,764 for the Lake Chapeau Hydrologic Restoration and Marsh Creation Project via fax vote. The O&M funds were needed to repair breaches to the hydrologic structure,

which were caused by Hurricane Rita in 2005. These costs were not covered by FEMA because they were the tie-ins to the structure, not the structure itself. The Task Force had approved at their February meeting the use of the project's remaining O&M funds to proceed immediately with design of the repairs. Once the cost estimates were completed, the fax vote approved the additional funds needed to complete construction of the repairs.

C. Report: NOAA Fisheries and LDNR Request for Task Force Fax Vote to Increase Construction Budget on PPL 11 – Pass Chaland to Grand Bayou Pass Project (BA-35) (Agenda Item #5)

Mr. Holden reported that the Task Force approved a Phase II Increment 1 funding increase of $7,940,471 for the Pass Chaland to Grand Bayou Pass Project via fax vote. Previous cost estimates were based on pre-Katrina conditions and prices. Recent construction bids, including mobilization and dredging unit costs, exceeded the revised estimate. Project sponsors indicated that the project could not be scaled down to reduce construction costs and requested the additional Phase II Increment 1 funding increase.

D. Report: Report of the Technical Committee's Selection of Ten Priority Project List (PPL) 18 Candidate Projects and Three PPL 18 Candidate Demonstration Projects (Agenda Item #7)

Mr. Holden announced the ten candidate projects and three demonstration candidate projects selected for PPL 18 by the Technical Committee. The ten candidate projects are:

Region 1

- Bayou Bienvenue Restoration Project (Pontchartrain Basin)

Region 2

- Pass a Loutre Restoration Project (Mississippi River Delta Basin)
- Bertrandville Siphon Project (Breton Sound Basin)
- Elmer's Island Headland Restoration Project (Barataria Basin)
- Grand Liard Marsh and Ridge Restoration Project (Barataria Basin)

Region 3

- Terrebonne Bay Shoreline Protection/Marsh Creation Project (Terrebonne Basin)
- Central Terrebonne Freshwater Enhancement Project (Terrebonne Basin)
- Northwest Vermilion Bay Vegetative Planting and Maintenance Project (Teche-Vermilion Basin)

Region 4

- Cameron-Creole Freshwater Introduction Project (Calcasieu-Sabine Basin)
- Freshwater Bayou Marsh Creation Project (Mermentau Basin)

The three demonstration candidate projects are:

- EcoSystems Wave Attenuator Demonstration Project
- Benefits of Limited Design/Unconfined Beach Fill for Restoration of the Louisiana Barrier Islands Demonstration Project, and
- Non-Rock Alternative to Shoreline Protection Demonstration Project.

Mr. Holden added that the Engineering and Environmental Workgroups have started the candidate project evaluation process. The Technical Committee will make recommendations for PPL 18 at their December 2008 meeting. The Task Force will vote on the Technical Committee recommendations during their January 2009 meeting.

Colonel Lee opened the floor for public comments on the PPL 18 candidate projects and demonstration projects.

Mr. James Harris, U.S. Fish and Wildlife Service Southeast Louisiana Refuges, spoke on behalf of the Pass a Loutre Restoration Project. He believes this project represents several opportunities that are relatively unprecedented in CWPPRA history such as the opportunity to restore the hydrologic functions of a major state waterway and distributary of the Mississippi River and to restore the delta building processes on several thousand acres of public land. He believes that regardless of the ultimate fate of the lower river, this distributary should be restored. The project consistently ranks as No. 1 or No. 2 on technical merit and the cost per acre is one of the lowest of any of the proposed projects. Construction of the channel through Pass a Loutre will result in what could arguably be called the largest sediment diversion created within the delta. The project is expected to result in the creation of at least 1,600 acres. Habitats created through restoration of these processes are widely used by migrating waterfowl and many resident species of game. Most of the other projects proposed reach their full potential immediately after construction. This project will continue to accrete results and benefits throughout its life. Mr. Harris believes that unresolved issues, such as the fate of the lower river and the issue of the continued use of the area for disposal of sediment from navigation dredge work, can be addressed and resolved so that this project can move forward. Mr. Graves asked Mr. Harris why he used the term “restore” several times through his statement, including restoring the hydrologic functions and restoring of the delta building process. Hr. Harris responded that those are processes that, through several different factors, have been lost over time. Mr. Harris attributed the loss to several factors, some of that loss to work – navigational work, possibly sediment disposal there and in-filling of the Pass a Loutre channel as well as work that goes on up and down the river. Mr. Graves asked if that loss could also be attributed to the installation of levees on the mainline river. Mr. Harris responded affirmatively.

Mr. Sherrill Sagrera, Vermilion Parish Coastal Advisory, gave his support for the Freshwater Bayou Marsh Creation Project. Mr. Sagrera said that this marsh opened up considerably after Hurricane Rita. He would like to see the CWPPRA Task Force pick up the extra cost through the Corps to move dredge material to create marsh west of Freshwater Bayou. The breaches on Freshwater Bayou Channel have allowed tidal flow to enter the marsh. Eventually the marsh is going to intersect with the Mermentau Basin. This project would be a multi-purpose project to create marsh and stop the coalition of the Teche-Vermilion and Mermentau Basins.

Mr. Morgan Elzey, Wetlands Coordinator for Common Ground Relief located in the Lower Ninth Ward, gave his support for the Bayou Bienvenue Restoration Project. This urban forest located near downtown New Orleans is a very unique ecosystem. Residents of the area support this project and many community organizations are also behind it. Mr. Elzey said that

the Bayou Bienvenue Restoration Project is number one on his organization's list and he urged the Task Force to pass the project.

Mr. Oneil Malbrough, representing Jefferson Parish, spoke in support of the Elmer's Island Restoration Project. Hurricane Katrina caused a breach in Elmer's Island. Plugging this breach is critical and the State has funding in place to do this work. This project would build a marsh platform and strengthen areas behind the repair work. An emergency levee had to be built around the Chenier side of Grand Isle because of flooding issues in a nearby community. This project is a combination of a way to build marsh and repair that breach that is impacting Grand Isle and Highway 1.

Colonel Lee asked Mr. Malbrough when the breach repair would take place. Mr. Malbrough responded that that he was unsure of when the repairs would occur, but the funding is in place and real estate issues have been addressed. He also stated the breach is getting wider and deeper and creating increased risk to the community from storms. Mr. Graves added that the State strongly supports this project and is working with the Trust for Public Land on acquisition of the island both for the recreational features and also to preserve the ecosystem in the area.

E. Report: Status of FEMA Claims (Agenda Item #11)

Ms. Goodman announced that there were some questions about the process of filing FEMA claims and whether there was commingling of two pots of Federal funds. The Technical Committee determined that there are no concerns as the State has a clear path on how to process the claims and CWPPRA is not providing funds for damage repairs at the same time as FEMA. Colonel Lee said that Mr. David Burkholder, LDNR, would brief the Task Force on the status of FEMA claims.

Mr. Burkholder reported that this process began near the end of 2005 after an extensive storm damage assessment was conducted at all constructed CWPPRA projects. There is $100,000 budgeted each year for storm damage assessment; this effort utilized two years worth of funds as well as an additional $200,000 authorized by the Task Force, for a total of $400,000. Project worksheets must be prepared for each FEMA claim. FEMA will reimburse the actual cost of construction to complete repairs. If actual costs to complete the described repairs differ from the estimates, the worksheet will be amended to reflect the actual costs. Administrative costs are paid and approved as a percentage of the construction costs. There is a possibility that CWPPRA would incur administrative costs that would not be covered by FEMA. Two project worksheet claims were completed for damages caused by Hurricane Katrina. FEMA obligated about $158,000 for these two claims and all work is now complete. For Hurricane Rita, ten project worksheet claims were prepared and FEMA has obligated about $9.1 million for those. Repair work has been completed on five of the ten claims. Two are being processed and should be ready for bids within the next few months. Repair designs for an additional two claims are about 95 percent complete and should be ready for bid later this summer. The last project worksheet has not yet been approved by FEMA. LADNR is completing surveys that will better document that there is damage that falls within their guidelines for Public Assistance.

Mr. Burkholder provided updates and corrections to several projects. Mr. Burkholder clarified that the Tennessee Valley Authority (TVA) is acting as a consultant to the USFWS and is overseeing the preparation of designs and bidding for the Sabine Water Control Structures Project (CS-23). The note that the TVA was funding 100 percent of the construction cost was in error. The funds are actually coming from USFWS. The schedule for the Humble Canal Hydrologic Restoration Project (ME-11) has been delayed one month and plans and specifications will not be advertised until July 2008 with an estimated construction completion date of September 2008. Also, the East Mud Lake Hydrologic Restoration Project (CS-20) is behind schedule by one month; plans and specs should be advertised in August 2008 with an estimated construction completion date of April 2009.

F. Report: Briefing on Effort Regarding USACE and LA Department of Natural Resources Beneficial Use of Dredged Material Initiatives (Agenda Item #12)

Colonel Lee announced that Mr. Crorey Lawton, Corps, and Mr. Bren Haase, LDNR, would provide a briefing on improving procedures to implement the benefits of beneficial use or dredged material.

Mr. Lawton reported that under the direction of LDNR Secretary Scott Angelle and Colonel Lee, members from the Corps and LDNR met to identify short-term opportunities for beneficial use of dredge material and to open the lines of communication between the two agencies. A summit was held between the Corps and LDNR on March 15, 2008 to address a number of issues. As a result of the summit, a better working relationship has been established between the two agencies and the group was able to further develop site specific short-term opportunities for the beneficial use of dredged material. After a month of continued meetings, decisions on the identified opportunities. The group prepared and presented a report to Secretary Angelle and Colonel Lee. Details of the report were provided in the Task Force binder. A teleconference with Secretary Angelle and Col. Lee was held May 19th and they provided additional guidance. The next course of action is to seek additional funding from the Coastal Protection and Restoration Authority (CPRA) for several projects. The group is also developing a Memorandum of Agreement to accept contributed funds from LDNR and continue to work together to identify additional opportunities for beneficial use.

Mr. Haase presented a list of the potential beneficial use sites identified by LDNR and the Corps and prioritized in cooperation with the Department of Wildlife and Fisheries for the placement of dredge material to create marsh. The potential sites/projects include: East Island, Upper Terrebonne Bay Marsh Creation Project, Southwest Pass Hopper Dredge Pump Out, Sabine Refuge CWPPRA site, Shell Island Pass, East Cove, Timbalier Island, Wine Island, Avoca Horseshoe Project, and the Marcantel site. These projects were identified because NEPA and land rights issues have been addressed or are in progress for these projects/sites, so they may be built quickly. The next course of action is to identify funding sources, which the State is currently doing. Since all ten are not likely to be funded in the short-term, this will also transition us into a long-term list of projects that, if a source of funds is identified, are clear and ready to go when maintenance dredging is scheduled.

Mr. Lawton added that this work is not intended to replace CWPPRA and LCA resources or the Federal Standard. The goal is to identify opportunities and communicate between the different groups involved.

Colonel Lee opened the floor to Task Force comments.

Colonel Lee commented that the Corps wanted to make sure that their dredging information was synchronized between the Corps and LDNR and was provided in a timely manner for budget forecasting and Consistency Determinations. The Corps and LDNR are looking at opportunities to leverage efforts and create a more efficient dredging program, avoiding ocean dumping or river disposal and having to re-dredge later.

Mr. Boggs congratulated Mr. Lawton and Mr. Haase for including wildlife refuges in the beneficial use of dredged material plan.

Mr. Graves asked how many beneficial use sites were in place prior to the ten identified in this report. Mr. Haase replied that since 1991, LDNR has partnered with the Corps on 13 sites, two were CWPPRA projects. Colonel Lee added that this number does not include the Corps' beneficial use sites. Mr. Lawton clarified that the ten sites identified are not included in the Federal Standard.

Mr. Honker thanked the Corps and LDNR for undertaking this initiative. He would love to see in the future where 100 percent of dredge materials are reused. This effort is a good step in that direction.

Mr. Doley also applauded the Corps and LDNR on these efforts.

Colonel Lee opened the floor to public comments.

Mr. Kerry St. Pé, Barataria-Terrebonne National Estuary Program, supports all of these projects. He asked if the Southwest Pass Project would take sediment from the Head of Passes and pump it to West Bay. Mr. Haase replied that it would take sediment that is dredged from the Southwest Pass reach and not sediment that had already been placed in the Head of Passes disposal area, but there is potential anywhere the hopper dredge could be used and could be close enough to a pipeline to pump out. Mr. St. Pé also asked about the chances of getting the dredge material to other places besides West Bay. Mr. Haase responded that this project would be a good demonstration, but the ultimate fate of the material would be up for future discussion.

Mr. Nic Matherne, Lafourche Parish Government, asked if the Corps was subject to Louisiana State law when conducting dredging operations. Colonel Lee said that the Corps and LDNR must complete Consistency Determinations for dredging in coastal areas to comply with Costal Zone Management. There was some friction on this last year that led to this summit. Mr. Matherne noted that Louisiana Revised Statute 49 states that with dredging of material over 500,000 cubic yards, it is required that the material be used beneficially. Mr. Matherne asked why that part of the law is not enforced when the Corps performs maintenance dredging. Colonel Lee said that the Corps maintenance dredging plan has to follow the Federal Standard.

It would be a violation of Federal law to pump dredge material into areas outside of the Federal Standard.

Mr. Matherne stated that at the dredging conference, one of the responses was that a branch of the Corps only had the money to worry about navigational dredging, not beneficial use. If R.S 49 was enforced, it would require them to include that in their budget requests. He suggested stockpiling the material that the Corps dredges every year so that it could be potentially be used by parishes or CWPPRA and reduce project costs. Colonel Lee added that the New Orleans District has one of the most robust dredging programs in the USACE. About 22 percent of all dredge material is used beneficially. There are also some additional authorities like CIAP and LCA that can provide additional funding sources and can be leveraged to provide that increment above the Federal Standard.

Mr. Graves stated that this is very important. He added that beneficially using dredged material instead of putting it out into the Outer Continental Shelf is simply common sense. There are currently discussions regarding state vs. federal law. The beneficial use summit was an effort to apply more common sense to existing practices used by the State and Corps. The State has dedicated funds through the CIAP Program for additional beneficial use activities and anticipates possibly dedicating additional funds to beneficial use. He agreed with Mr. Matherne from a policy perspective, but did not believe that it was the State's responsibility. He would like to see the Federal partners participate in more of these activities.

Mr. Haywood Martin, representing the Delta Chapter of the Sierra Club, commended all agencies in their efforts to beneficially re-use sediments derived from dredging activities on the coast. He is concerned by the deposition of high tailings piles that are left behind after years of oil and petroleum industry activity in the Atchafalaya Basin and coastal areas. He asked if the Corps could require the oil industry to send those tailings to beneficial use so that it could help restore the coast. Colonel Lee responded that he did not have an answer, but would follow up with Mr. Martin on this matter.

G. Report: Public Outreach Committee Report (Agenda Item #13)

Mr. David Marks, Public Outreach Coordinator, announced that the next issue of *WaterMarks* would be on educational outreach. This will be last issue for the current *WaterMarks* editor Mr. Gordon Newton. Mr. Marks thanked Mr. Newton for a job well done and introduced Mr. Stuart Lee as the new editor. *WaterMarks* is approaching the 8,000 circulation mark. The CRMS website is now online and is linked to the LaCoast.gov website. There are new wetland loss maps and the "Turning the Tide" brochures were updated to reflect post-Katrina/Rita information. The Outreach Committee is working on a dedication ceremony SOP in preparation for a dedication ceremony this fall.

VI. Additional Agenda Items

No additional agenda items were presented.

VII. Request for Public Comments

Mr. Larry Schmidt, with the Louisiana Office of the Trust for Public Land, provided an update on the Elmer's Island situation. Under Governor Bobby Jindal's leadership, the transaction is scheduled to be completed this year. There is an option to purchase Elmer's Island from the property owner and the due diligence process is moving forward in partnership with the Louisiana Department of Wildlife and Fisheries to complete the surveys, title and environmental work, and the appraisal.

Mr. Haywood Martin, Sierra Club, asked how cypress trees fit into the coastal protection plan. He asked if anything has been done to restore or re-plant cypress in the course of the planning and development for coastal protection and restoration. Colonel Lee responded that there are tree re-planting programs to re-establish bottom-land hardwoods in coastal areas. Mr. Graves added that the there is a Coastal Forest Conservation Program in the CPRA's Annual Plan pending State House approval. The State also has other planting programs. Mr. Honker noted that the Bayou Bienvenue Restoration Project, a PPL 18 candidate project, has cypress plantings as a project feature. He also noted that the new Clean Water Act and Section 404 policies limit exemptions on cypress harvesting in south Louisiana. Colonel Lee added that the Corps has denied several permits regarding cypress harvesting in the past nine months because the Federal Standards were not met.

Mr. Sherrill Sagrera, Vermilion Parish Coastal Advisory, added that there is an extensive tree planting program through the Vermilion Soil and Water Conservation District to re-vegetate the coast. They have been planting oak trees and other trees species that have been shown to be more salt tolerant than cypress trees. Mr. Sagrera also asked Ms. Goodman about the status of the Freshwater Bayou Bank Stabilization - Belle Isle Canal to Lock Project. Ms. Goodman responded that the project is eligible for Phase II approval, however the project ranks relatively low on the prioritization list every year compared to other projects. She said that the project may be picked up under a Civil Works project and that a small portion of the project is in the CIAP Program. Ms. Goodman added that she will ask the Project Manager, Mr. Travis Creel, to coordinate with the AGMAT Project Manager to make sure the efforts are not be duplicated. She offered to have an update presented to the Vermilion Coastal Advisory Board if necessary.

Mr. Sagrera also asked how moving projects from CWPPRA to WRDA or LCA would affect the project budgets and whether that would free up any money for other projects. Ms. Goodman said that the Technical Committee will conduct a more detailed analysis to assess the potential capacity for the remaining surplus funds. The Technical Committee will present their findings at the next meeting.

VIII. CLOSING

A. Announcement: Dates of Upcoming CWPPRA Program Meetings

Ms. Goodman announced that the next Technical Committee meeting will be on September 10, 2008 at 9:30 a.m. at the LA Department of Wildlife and Fisheries, Louisiana Room, 2000 Quail Drive, Baton Rouge, LA. The next Task Force meeting will be held on October 15, 2008 at 9:30 a.m. at the same location. The PPL 18 Public meetings will be held November 18, 2008 in Abbeville and November 19, 2008 in New Orleans, both at 7:00 p.m. These public meetings are to provide information to the public on the results of the PPL 18 evaluations. On December 3rd, the Technical Committee will meet and make their recommendations on which projects to select for PPL 18. The Task Force will make the final decision on the projects to be selected for PPL 18 at their meeting on January 31, 2009.

B. Adjournment

Mr. Honker made a motion to adjourn. Mr. Boggs seconded the motion. Colonel Lee adjourned the meeting at 11:35 a.m.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

November 5, 2008

IMPACTS OF HURRICANES GUSTAV AND IKE

For Discussion/Decision/Vote:

The Technical Committee recommends Task Force approval for an increase in the Storm Recovery Procedures Contingency Fund in the amount of $266,227 to complete assessments on projects affected by Hurricanes Gustav and Ike.

Technical Committee Recommendation:

The Technical Committee recommends Task Force approval for an increase in the Storm Recovery Procedures Contingency Fund in the amount of $266,227 to complete post storm impact assessments on CWPPRA Projects caused by Hurricanes Gustav and Ike.

Cost Proposal for the Post Storm Assessment of CWPPRA Projects for Hurricane Gustav / Ike

Hurricane's Gustav and Rita hit the coast of Louisiana within weeks of each other and after assessing the location of their landfall, it is evident that all areas of the Louisiana's Coastal wetlands were impacted.

Because of the number of projects potentially damaged, it is projected that the current cost estimate of $100,000.00 is insufficient to adequately assess the projects appropriately. Please find the following cost proposal.

Plane Flight(2) for FEMA inspection	$1830/day x 2=	$3660.00
Initial meetings	10@ 8hrs x $50 =	$4,000.00
Follow up meetings	10@ 8hrs x $50 =	$4,000.00
Field trips includes personnel, equipment And report preparation	57 x $5000 =	$285,000
Indirect Costs (23.45 %) (Plane not included)		$69,567
	Total projected cost	**$366,227**
	Less budgeted cost	($100,000)
	Proposed Funding Request	**$266,227**

Field Office	Basin	Project No.	Project Name	Type of Project	PPL-Progr	Project Phase	Federal Sponsor	Federal Project Manager	DNR Phase 1 manager	Con, O&M Manager	Monitoring Manager
L	AT	AT02	Atchafalaya Sediment Delivery	Sediment Diversion/Beneficial Use of Dredged Material/Marsh Creation	2	O&M	NMFS	Zobrist	Landry	Juneau	Curole
L	AT	AT03	Big Island Mining	Sediment Diversion/Beneficial Use of Dredged Material/Marsh Creation	2	O&M	NMFS	Zobrist	Landry	Juneau	Curole
L	AT	AT04	Castille Pass Channel Sediment Delivery	Marsh Creation/Sediment and Nutrient Trapping	9	E&D	NMFS	Foret	Chatellier	Juneau	Hubbell
NO	BA	BA01	Davis Pond Freshwater Diversion	Freshwater Diversion	WRDA	O&M	COE	Fredine	Boddie	Bernard	Barmore
T	BA	BA02	GIWW (Gulf Intracoastal Waterway) to Clovelly Hydrologic Restoration	Hydrologic Restoration	1	O&M	NRCS	Paul	Babin	Babin	Lear
NO	BA	BA03	Naomi Diversion	Freshwater Diversion	ST	O&M	State	N/A	Boddie	Bernard	Troutman
NO	BA	BA03c	Naomi Outfall Management	Outfall Management	5	O&M	NRCS	Paul	Boddie	Richard	Boshart
NO	BA	BA04	West Point a la Hache Freshwater Diversion	Freshwater Diversion	ST	O&M	State	N/A	Boddie	Bernard	Troutman
NO	BA	BA04c	West Pointe a la Hache Outfall Management	Outfall Management	3	E&D	NRCS	Steyer	Merhi	Bernard	Boshart
T	BA	BA15	Lake Salvador Shore Protection Demonstration	Shoreline Protection	3	O&M	NMFS	Zobrist	Babin	Triche	Curole
T	TE	BA-15x1	Lake Salvador Mitigation		ST	O&M	State	N/A	Babin	Triche	Curole
NO	BA	BA16	Bayou Segnette	Shoreline Protection	ST	O&M	State	N/A	Boddie	Boddie	Hymel
T	BA	BA19	Barataria Bay Waterway Wetland Restoration	Marsh Creation	1	O&M	COE	LeBlanc	Babin	Dearmond	Curole
NO	BA	BA20	Jonathan Davis Wetland Protection	Hydrologic Restoration/Shoreline Protection	2	O&M	NRCS	Kinler	Merhi	Richard	Barmore
NO	BA	BA23	Barataria Bay Waterway West Side Shoreline Protection	Shoreline Protection	4	O&M	NRCS	Paul	Boddie	Richard	Barmore
T	BA	BA25b	Mississippi River Reintroduction Into Bayou Lafourche	Freshwater Introduction	11	E&D	EPA	Crawford	Roberts	Dearmond	West
NO	BA	BA26	Barataria Bay Waterway East Side Shoreline Protection	Shoreline Protection	6	O&M	NRCS	Paul	Boddie	Richard	Boshart
T	BA	BA27	Barataria Basin Landbridge Shoreline Protection, Phases 1 and 2	Shoreline Protection	7	E&D, C, O&M	NMFS	Kinler	Babin	Babin	Hymel
T	BA	BA27c	Barataria Basin Landbridge Shoreline Protection, Phase 3	Shoreline Protection	9	E&D, C, O&M	NRCS	Kinler	Merhi	Babin	Hymel
T	BA	BA27d	Barataria Basin Landbridge Shoreline Protection Phase 4	Shoreline Protection	11	C	NRCS	Kinler	Merhi	Babin	Hymel
T	BA	BA28	Vegetative Plantings of a Dredged Material Disposal Site on Grand Terre Island	Vegetation Planting	7	O&M	NMFS	Hartman	Lovell	Babin	Lear

Field Office	Basin	Project No.	Project Name	Type of Project	PPL-Progr	Project Phase	Federal Sponsor	Federal Project Manager	DNR Phase 1 manager	Con, O&M Manager	Monitoring Manager
T	BA	BA30	East/West Grand Terre Islands Restoration	Barrier Island	9	E&D	NMFS	Sweeney	Grandy	Triche	West
NO	BA	BA31	Delta Building Diversion South of Empire		9	E&D	COE	Miller	Duffy	Bernard	
NO	BA	BA33	Delta Building Diversion at Myrtle Grove	Freshwater Diversion/Sediment Diversion	10	E&D	COE	Axtman	Duffy	Bernard	Barmore
NO	BA	BA34	Mississippi River Reintroduction Into Northwest Barataria Basin	Freshwater Diversion	10	E&D	EPA	Teague	Williams	Boddie	Curole
NO	BA	BA35	Pass Chaland to Grand Bayou Pass Barrier Shoreline Restoration	Shoreline Protection	11	E&D	NMFS	Sweeney	Grandy	Richard	Carter
NO	BA	BA36	Dedicated Dredging on the Barataria Basin Landbridge	Marsh Creation	11	E&D	FWS	Roy	Libersat	Boddie	Hymel
T	BA	BA37	Little Lake Shoreline Protection/ Dedicated Dredging Near Round Lake	Shoreline Protection	11	C	NMFS	Brodnax	Grandy	Dearmond	Curole
NO	BA	BA38	Pelican Island and Pass La Mer to Chaland Pass Restoration	Barrier Island	11	C	NMFS	Sweeney	Grandy	Richard	
NO	BA	BA39	Mississippi River Sediment Delivery System		12	E&D	EPA	Ethridge	Williams	Bernard	Troutman
NO	BA	BA40	Riverine Sand Mining/Scofield Island Restoration	Barrier Island/Marsh Creation	14	E&D	NMFS	Sweeney	Grandy	Richard	
NO	BA	BA41	South Shore of the Pen Shoreline Protection and Marsh Creation	Shoreline Protection/Marsh Creation	14	E&D	NRCS			Richard	
NO	BS	BS03a	Caernarvon Diversion Outfall Management	Outfall Management	2	O&M	NRCS	Broussard	Boddie	Bernard	Carter
NO	BS	BS08	Caernarvon	Freshwater Introduction	WRDA	O&M	COE	Faulk	Bernard	Bernard	Troutman
NO	BS	BS10	Delta Building Diversion North of Fort St. Philip	Freshwater Diversion/Sediment Diversion	10	E&D	COE	Goodman	Duffy	Bernard	Hymel
NO	BS	BS11	Delta Management at Fort St. Philip	Outfall Management	10	E&D	FWS	Roy	Libersat	Bernard	Hymel
NO	BS	BS12	White's Ditch Resurrection & Outfall Management	Freshwater Diversion/Outfall Management	14	E&D	NRCS		Merhi	Bernard	
L	TV	CAT01	Cheniere Au Tigre Shoreline Protection	Shoreline Protection	ST	C	State		Phillips	Aucoin	
L	CS	CSXX	Sabine Terraces		ST	O&M	State	N/A	Landry	Landry	Weifenbach
L	CS	CS01	Holly Beach Breakwaters	Shoreline Protection	ST	O&M	State	N/A	Landry	Juneau	Weifenbach
L	CS	CS02	Rycade Canal Marsh Management	Marsh Management	ST	O&M	State	N/A	Landry	Aucoin	Miller
L	CS	CS04A	Cameron-Creole Maintenance	Hydrologic Restoration	3	O&M	NRCS	Floyd	Landry	Billodeau	Weifenbach

Field Office	Basin	Project No.	Project Name	Type of Project	PPL-Progr	Project Phase	Federal Sponsor	Federal Project Manager	DNR Phase 1 manager	Con, O&M Manager	Monitoring Manager
L	CS	CS09	Brown Lake Hydrologic Restoration	Hydrologic Restoration	2	E&D	NRCS	Paul	Landry	Juneau	Miller
L	CS	CS11B	Sweet Lake/Willow Lake Hydrologic Restoration	Hydrologic Restoration	5	O&M	NRCS	Floyd	Landry	Guidry	Miller
L	CS	CS17	Cameron Creole Plugs	Hydrologic Restoration	1	O&M	FWS	Voros	Landry	Billodeau	Phillips
L	CS	CS18	Sabine National Wildlife Refuge Erosion Protection	Shoreline Protection	1	O&M	FWS	Voros	Landry	Guidry	Phillips
L	CS	CS19	West Hackberry Vegetative Planting Demonstration	Vegetation Planting	1	DEMO	NRCS	Paul	Landry	Aucoin	Weifenbach
L	CS	CS20	East Mud Lake Marsh Management	Marsh Management	2	O&M	NRCS	Paul	Landry	Landry	Castellanos
L	CS	CS21	Highway 384 Hydrologic Restoration	Hydrologic Restoration	2	O&M	NRCS	Broussard	Landry	Billodeau	Vincent
L	CS	CS22	Clear Marais Bank Protection	Shoreline Protection	2	O&M	COE	Monnerjahn	Landry	Guidry	Miller
L	CS	CS23	Replace Sabine Refuge Water Control Structures at Headquarters Canal, West Cove Canal, and Hog Island Gully	Marsh Management	3	O&M	FWS	Pease	Landry	Billodeau	Miller
L	CS	CS24	Perry Ridge Shore Protection	Shoreline Protection	4	O&M	NRCS	Sapp	Landry	Guidry	Mouledous
L	CS	CS25	Plowed Terraces Demonstration	Sediment and Nutrient Trapping	4	DEMO	NRCS	Paul	Landry	Juneau	Castellanos
L	CS	CS27	Black Bayou Hydrologic Restoration	Hydrologic Restoration	6	O&M	NMFS	Foret	Landry	Juneau	Castellanos
L	CS	CS28	Sabine Refuge Marsh Creation, Increment 1	Marsh Creation	8	O&M	COE	Monnerjahn	Landry	Juneau	Phillips
L	CS	CS29	Black Bayou Culverts Hydrologic Restoration	Hydrologic Restoration	9	C	NRCS	Faulkner	Merhi	Landry	Phillips
L	CS	CS30	GIWW - Perry Ridge West Bank Stabilization	Shoreline Protection	9	O&M	NRCS	Sapp	Landry	Guidry	Mouledous
L	CS	CS31	Holly Beach Sand Management		11	O&M	NRCS	Paul	Landry	Juneau	Mouledous
L	CS	CS32	East Sabine Lake Hydrologic Restoration	Hydrologic Restoration	10	E&D, C	FWS	Clark	Libersat	Billodeau	Price
L	CS	CS4A1	Cameron Creole Automation	Hydrologic Restoration	ST	O&M	State	Pease	Landry	Billodeau	Weifenbach
NO	MR	LA01(1)	Dedicated Dredging Program - Pass A Loutre Site	Marsh Creation	ST	C	State		Phillips	Bernard	
T	T	LA01(2)	Dedicated Dredging Program - Terrebonne Parish School Board Site	Marsh Creation	ST	C	State		Phillips	Triche	
T	LA	LA05	Floating Marsh Creation Demonstration Project		12	E&D	NRCS	Steyer	Merhi	Babin	Folse

Field Office	Basin	Project No.	Project Name	Type of Project	PPL-Progr	Project Phase	Federal Sponsor	Federal Project Manager	DNR Phase 1 manager	Con, O&M Manager	Monitoring Manager
L	LA	LA06	Shoreline Protection Foundation Improvements Demonstration	Shoreline Protection	13	C	COE	Goodman	Duffy	Juneau	Raynie
L	ME	ME01	Pecan Island Structure	Freshwater Diversion	ST	O&M	State	N/A	Landry	Guidry	Miller
L	ME	ME04	Freshwater Bayou Wetland (Phases 1 & 2)	Shoreline Protection/Hydrologic Restoration	2	O&M	NRCS	Conti	Landry	Guidry	Weifenbach
L	ME	ME09	Cameron Prairie National Wildlife Refuge Shoreline Protection	Shoreline Protection	1	O&M	FWS	Pease	Landry	Guidry	Mouledous
L	ME	ME11	Humble Canal Hydrologic Restoration	Hydrologic Restoration	8	O&M	NRCS	Floyd	Landry	Guidry	Price
L	ME	ME13	Freshwater Bayou Bank Stabilization	Shoreline Protection	5	O&M	NRCS	Conti	Landry	Guidry	Vincent
L	ME	ME14	Pecan Island Terracing	Sediment and Nutrient Trapping	7	O&M	NMFS	Foret	Landry	Guidry	Thibodeaux
L	ME	ME16	Freshwater Introduction South of Highway 82	Hydrologic Restoration/Marsh Creation	9	C	FWS	Clark	Libersat	Billodeau	Mouledous
L	ME	ME17	Little Pecan Bayou Hydrologic Restoration	Hydrologic Restoration	9	E&D	NRCS	Conti	Merhi	Pontiff	Weifenbach
L	ME	ME18	Rockefeller Refuge Gulf Shoreline Stabilization	Shoreline Protection	10	E&D	NMFS	Foret	Chatellier	Juneau	Barrilleaux
L	ME	ME19	Grand-White Lakes Landbridge Protection	Shoreline Protection	10	O&M	FWS	Clark	Libersat	Guidry	Thibodeaux
L	ME	ME20	South Grand Chenier Hydrologic Restoration Project	Hydrologic Restoration	11	E&D	FWS	Clark	Libersat	Pontiff	Barrilleaux
L	ME	ME21	Grand Lake Shoreline Protection	Shoreline Protection	11	E&D	COE	Monnerjahn	Duffy	Juneau	Mouledous
L	ME	ME22	South White Lake Shoreline Protection	Shoreline Protection	12	C	COE	Monnrjahn	Duffy	Juneau	Barrilleaux
NO	MR	MR03	West Bay Sediment Diversion	Sediment Diversion	1	O&M	COE	Miller	Hodnett	Boddie	Boshart
NO	MR	MR06	Channel Armor Gap Crevasse	Sediment Diversion	3	O&M	COE		Boddie	Boddie	Barmore
NO	MR	MR09	Delta Wide Crevasses	Sediment Diversion	6	O&M	NMFS	Zobrist	Boddie	Bernard	Barmore
NO	MR	MR10	Dustpan Maintenance Dredging Operations for Marsh Creation in the Mississippi River Delta Demonstration	Beneficial Use of Dredged Material	6	DEMO	COE	Russo	Boddie	Boddie	Barmore
NO	MR	MR11	Periodic Introduction of Sediment and Nutrients at Selected Diversion Sites Demonstration	Freshwater Diversion	9	E&D	COE	Monnerjahn	Duffy	Boddie	Carter
NO	MR	MR12	Mississippi River Sediment Trap		9	E&D	COE	Miller	Duffy	Bernard	Barmore
NO	MR	MR13	Benneys Bay Diversion	Freshwater Diversion	10	E&D	COE	Miller	Duffy	Bernard	Hymel

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NO	MR	MR14	Spanish Pass Diversion	Freshwater Diversion	13	E&D	COE	Miller	Duffy	Boddie	Boshart
NO	PO	PO01	Violet Siphon	Freshwater Diversion	ST	O&M	State	N/A	Cook	Richard	Hymel
NO	PO	PO03b	Labranche Shoreline Protection	Shoreline Protection	ST	O&M	State	N/A	Boddie	Boddie	Troutman
NO	PO	PO06	Fritchie Marsh Restoration	Hydrologic Restoration	2	O&M	NRCS	Jurgensen	Boddie	Richard	Hymel
NO	PO	PO10	Turtle Cove	Shoreline Protection	ST	O&M	State	N/A	Boddie	Boddie	Boshart
NO	PO	PO16	Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 1	Hydrologic Restoration	1	O&M	FWS	Dixon	Boddie	Richard	Hymel
NO	PO	PO17	Bayou LaBranche Wetland Creation	Beneficial Use of Dredged Material	1	O&M	COE	LeBlanc	Boddie	Boddie	Boshart
NO	PO	PO18	Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 2	Hydrologic Restoration	2	O&M	FWS	Dixon	Boddie	Richard	Hymel
NO	PO	PO19	Mississippi River Gulf Outlet (MRGO) Disposal Area Marsh Protection	Marsh Management	3	O&M	COE	LeBlanc	Boddie	Boddie	Troutman
NO	PO	PO22	Bayou Chevee Shoreline Protection	Shoreline Protection	5	O&M	COE	Monnrjahn	Boddie	Richard	Carter
NO	PO	PO24	Hopedale Hydrologic Restoration	Hydrologic Restoration	8	O&M	NMFS	Sweeney	Grandy	Richard	
NO	PO	PO26	Opportunistic Use of the Bonnet Carre' Spillway	Freshwater Diversion	9	E&D	COE	Monnerjahn	Duffy	Bernard	
NO	PO	PO27	Chandeleur Islands Marsh Restoration	Vegetation Planting	9	O&M	NMFS	Sweeney	Grandy	Boddie	Hymel
NO	PO	PO29	River Reintroduction into Maurepas Swamp	Freshwater Diversion	11	E&D	EPA	Teague	Williams	Boddie	Barmore
NO	PO	PO30	Lake Borgne Shoreline Protection	Shoreline Protection/Marsh Creation	10	E&D	EPA	Taylor	Williams	Bernard	Troutman
NO	PO	PO31	Lake Borgne Shoreline Protection at Bayou Dupre	Shoreline Protection/Marsh Creation	11	E&D	EPA	Taylor	Williams	Bernard	Troutman
NO	PO	PO32	Lake Borgne and MRGO Shoreline Protection	Shoreline Protection	12	E&D	COE	Miller	Duffy	Boddie	Troutman
NO	PO	PO33	Goose Point/Point Platte Marsh Creation	Marsh Creation	13	E&D	FWS	Roy	Libersat	Bernard	Troutman
T	TE	TE01	Montegut Wetlands	Marsh Management	NC	O&M	State	N/A	Libersat	Triche	Hubbell
T	TE	TE02	Falgout Canal Wetlands	Marsh Management	ST	O&M	State	N/A	Libersat	Dearmond	Folse
T	TE	TE03	Bayou LaCache Wetlands	Marsh Management	ST	O&M	State	N/A	Libersat	Triche	Hubbell

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T	TE	TE07	Lashbrook		ST	O&M	State	N/A	Babin	Babin	Not Monitored
T	TE	TE10	Grand Bayou/GIWW Freshwater Diversion	Freshwater Introduction	5	E&D	FWS	Paille	Libersat	Babin	West
T	TE	TE17	Falgout Canal Planting Demonstration	Veg. Planting	1	DEMO	NRCS			Triche	Not Monitored
T	TE	TE20	Isles Dernieres Restoration East Island	Barrier Island	1	O&M	EPA	Bunn	Dearmond	Dearmond	West
T	TE	TE22	Point Au Fer Canal Plugs	Shoreline Protection/Hydrologic Restoration	2	O&M	NMFS	Zobrist	Babin	Triche	Vacant
T	TE	TE23	West Belle Pass Headland Restoration	Beneficial Use of Dredged Material	2	O&M	COE	Rabalais	Dearmond	Dearmond	Curole
T	TE	TE24	Isles Dernieres Restoration Trinity Island	Barrier Island	2	O&M	EPA	Bunn	Dearmond	Dearmond	West
T	TE	TE25	East Timbalier Island Sediment Restoration, Phase 1	Barrier Island	3	O&M	NMFS	Zobrist	Dearmond	Dearmond	Vacant
T	TE	TE26	Lake Chapeau Sediment Input and Hydrologic Restoration, Point Au Fer Island	Hydrologic Restoration/Marsh Creation	3	O&M	NMFS	Zobrist	Babin	Triche	Lear
T	TE	TE27	Whiskey Island Restoration	Barrier Island	3	O&M	EPA	Bunn	Babin	Babin	West
T	TE	TE28	Brady Canal Hydrologic Restoration	Hydrologic Restoration	3	O&M	NRCS	Paul	Babin	Babin	Folse
T	TE	TE29	Raccoon Island Breakwaters Demonstration	Barrier Island	5	DEMO	NRCS	Broussard	Babin	Babin	Folse
T	TE	TE30	East Timbalier Island Sediment Restoration, Phase 2	Barrier Island	4	O&M	NMFS	Zobrist	Dearmond	Dearmond	Vacant
T	TE	TE32	Lake Boudreaux Basin Freshwater Introduction and Hydrologic Management	Freshwater Diversion/Hydrologic Restoration	6	E&D	FWS	Paille	Libersat	Dearmond	Hubbell
T	TE	TE34	Penchant Basin Natural Resources Plan, Increment 1	Hydrologic Restoration	6	E&D	NRCS	Paul	Merhi	Babin	Folse
T	TE	TE37	New Cut Dune and Marsh Restoration	Barrier Island/Marsh Creation	9	E&D	EPA	Crawford	Williams	Dearmond	West
T	TE	TE39	South Lake De Cade Freshwater Introduction	Hydrologic Restoration	9	E&D	NRCS	Broussard	Merhi	Babin	Folse
T	TE	TE40	Timbalier Island Dune and Marsh Restoration	Barrier Island/Marsh Creation	9	O&M	EPA	McQuiddy	Williams	Dearmond	Vacant
T	TE	TE41	Mandalay Bank Protection Demonstration	Shoreline Protection	9	O&M	FWS	Paille	Libersat	Dearmond	Lear
T	TE	TE43	GIWW Bank Restoration of Critical Areas in Terrebonne	Shoreline Protection	10	E&D	NRCS	Tarver	Merhi	Babin	Smith
T	TE	TE44	North Lake Mechant Landbridge Restoration	Shoreline Protection/Marsh Creation	10	E&D	FWS	Paille	Libersat	Dearmond	Vacant

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T	TE	TE45	Terrebonne Bay Shore Protection Demonstration	Shoreline Protection	10	E&D	FWS	Paille	Libersat	Dearmond	Folse
T	TE	TE46	West Lake Boudreaux Shoreline Protection and Marsh Creation	Shoreline Protection	11	E&D	FWS	Dubois	Libersat	Dearmond	Lear
T	TE	TE47	Ship Shoal: Whiskey West Flank Restoration	Barrier Island	11	E&D	EPA	Crawford	Williams	Dearmond	West
T	TE	TE48	Raccoon Island Shoreline Protection/Marsh Creation	Shoreline Protection	11	E&D	NRCS	Broussard	Merhi	Babin	Folse
T	TE	TE49	Avoca Island Diversion and Land Building		12	E&D	COE	Miller	Duffy	Dearmond	West
T	TE	TE50	Whiskey Island Back Barrier Marsh Creation	Barrier Island	13	E&D	EPA	Crawford	Williams	Dearmond	West
L	TV	TV03	Vermilion River Cutoff Bank Protection	Shoreline Protection	1	O&M	COE	Monnerjahn	Landry	Juneau	Thibodeaux
L	TV	TV04	Cote Blanche Hydrologic Restoration	Hydrologic Restoration	3	O&M	NRCS	Steyer	Landry	Juneau	Thibodeaux
L	TV	TV06	Marsh Island Control Structures	Marsh Management	ST	O&M	State	N/A	Landry	Juneau	Thibodeaux
L	TV	TV09	Boston Canal/Vermilion Bay Bank Protection	Shoreline Protection	2	O&M	NRCS	Paul	Landry	Guidry	Thibodeaux
L	TV	TV11	Freshwater Bayou Shoreline Protection	Shoreline Protection	ST	O&M	State	N/A	Landry	Guidry	Miller
L	TV	TV11B	Freshwater Bayou Bank Stabilization	Shoreline Protection/Hydrologic Restoration	9	E&D	COE	Monnerjahn	Duffy	Guidry	Phillips
L	TV	TV12	Little Vermilion Bay Sediment Trapping	Sediment and Nutrient Trapping	5	O&M	NMFS	Foret	Landry	Landry	Castellanos
L	TV	TV13a	Oaks/Avery Canal Hydrologic Restoration, Increment 1	Hydrologic Restoration	6	O&M	NRCS	Broussard	Landry	Juneau	Barrilleaux
L	TV	TV13b	Oaks/Avery Structures	Shoreline Protection	ST	O&M	State	N/A	Landry	Juneau	Barrilleaux
L	TV	TV14	Marsh Island Hydrologic Restoration	Hydrologic Restoration	6	O&M	COE	Monnerjahn	Landry	Juneau	Barrilleaux
L	TV	TV15	Sediment Trapping at “The Jaws”	Sediment and Nutrient Trapping	6	O&M	NMFS	Foret	Landry	Aucoin	Barrilleaux
L	TV	TV16	Cheniere Au Tigre Sediment Trapping Demonstration	Sediment and Nutrient Trapping/Shoreline Protection	6	DEMO	NRCS	Tullos	Landry	Aucoin	Barrilleaux
L	TV	TV17	Lake Portage Land Bridge	Shoreline Protection	8	O&M	NRCS	Abshire	Pontiff	Pontiff	Barrilleaux
L	TV	TV18	Four Mile Canal Terracing and Sediment Trapping	Sediment and Nutrient Trapping	9	O&M	NMFS	Foret	Grandy	Juneau	Thibodeaux
L	TV	TV19	Weeks Bay Marsh Creation and Shore Protection/Commercial Canal Freshwater Redirection	Shoreline Protection	9	E&D	COE	Rauber	Dufffy	Aucoin	Sharp

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L	TV	TV20	Bayou Sale Shoreline Protection	Shoreline Protection	13	E&D	NRCS	Floyd	Merhi	Billodeau	Price
L	TV	TV21	Ease Marsh Island Marsh Creation	Marsh Creation	14	E&D	EPA/NRCS			Pontiff	
L	TV	TVXX	Quintana Canal	Shoreline Protection	ST	O&M	State	N/A	Landry	Aucoin	
NO	TE	WIR	Wine Island Restoration		ST	O&M	State	N/A	Boddie	Boddie	Troutman

Post Gustav / Ike Hurricane Damage Assessment - General Summary Sheet

	Field Office	Project No.	Project Name	Type of Project	Parish	PPL-Progr	Project Phase	Federal Sponsor	Completed Inspection Date	Proposed Inspection Date	Results of Inspection	FEMA Claim
2	L	AT04	Castille Pass Channel Sediment Delivery	Marsh Creation/Sediment and Nutrient Trapping	St. Mary	9	E&D	NMFS		10/28/2008		
3	L	CAT01	Cheniere Au Tigre Shoreline Protection	Shoreline Protection	Vermilion	ST	C	State			Completed by others	
4	L	CS01	Holly Beach Breakwaters	Shoreline Protection	Cameron	ST	O&M	State		10/14/2008		
5	L	CS02	Rycade Canal Marsh Management	Marsh Management	Cameron	ST	O&M	State		10/14/2008		
6	L	CS04A	Cameron-Creole Maintenance	Hydrologic Restoration	Cameron	3	O&M	NRCS	10/23/2008			
7	L	CS09	Brown Lake Hydrologic Restoration	Hydrologic Restoration	Cameron	2	E&D	NRCS		11/4/2008		
8	L	CS11B	Sweet Lake/Willow Lake Hydrologic Restoration	Hydrologic Restoration	Cameron	5	O&M	NRCS		10/1/2008		
9	L	CS17	Cameron Creole Plugs	Hydrologic Restoration	Cameron	1	O&M/C	FWS	10/23/2008			
10	L	CS18	Sabine National Wildlife Refuge Erosion Protection	Shoreline Protection	Cameron	1	O&M	FWS		10/22/2008		
11	L	CS19	West Hackberry Vegetative Planting Demonstration	Vegetation Planting	Cameron	1	DEMO	NRCS			N/A	
12	L	CS20	East Mud Lake Marsh Management	Marsh Management	Cameron	2	O&M	NRCS		10/16/2008		
13	L	CS21	Highway 384 Hydrologic Restoration	Hydrologic Restoration	Cameron	2	O&M	NRCS		10/14/2008		
14	L	CS22	Clear Marais Bank Protection	Shoreline Protection	Calcasieu	2	O&M	COE		10/2/2008		
15	L	CS23	Replace Sabine Refuge Water Control Structures at Headquarters Canal, West Cove Canal, and Hog Island Gully	Marsh Management	Cameron	3	O&M	FWS		10/20/2008		
16	L	CS24	Perry Ridge Shore Protection	Shoreline Protection	Calcasieu	4	O&M	NRCS		10/2/2008		
17	L	CS25	Plowed Terraces Demonstration	Sediment and Nutrient Trapping	Cameron	4	DEMO	NRCS			N/A	
18	L	CS27	Black Bayou Hydrologic Restoration	Hydrologic Restoration	Cameron	6	O&M	NMFS		10/2/2008		
19	L	CS28	Sabine Refuge Marsh Creation, Increment 1	Marsh Creation	Cameron	8	O&M	COE		10/30/2008		
20	L	CS29	Black Bayou Culverts Hydrologic Restoration	Hydrologic Restoration	Cameron	9	C	NRCS		10/14/2008		
21	L	CS30	GIWW - Perry Ridge West Bank Stabilization	Shoreline Protection	Calcasieu	9	O&M	NRCS		10/2/2008		
22	L	CS31	Holly Beach Sand Management	Marsh Creation	Cameron	11	O&M	NRCS		10/14/2008		
23	L	CS32	East Sabine Lake Hydrologic Restoration	Hydrologic Restoration	Cameron	10	E&D, C	FWS		10/22/2008		
24	L	CS4A1	Cameron Creole Automation	Hydrologic Restoration	Cameron	ST	O&M	State			N/A	
25	L	CSXX	Sabine Terraces	Sediment and Nutrient Trapping	Cameron	ST	O&M	State				
26	L	LA06	Shoreline Protection Foundation Improvements Demonstration	Shoreline Protection	Vermilion	13	C	COE			N/A	

	Field Office	Project No.	Project Name	Type of Project	Parish	PPL-Progr	Project Phase	Federal Sponsor	Completed Inspection Date	Proposed Inspection Date	Results of Inspection	FEMA Claim
27	L	ME01	Pecan Island Structure	Freshwater Diversion	Vermilion	ST	O&M	State		10/7/2008		
28	L	ME04	Freshwater Bayou Wetland (Phases 1 & 2)	Shoreline Protection/Hydrologic Restoration	Vermilion	2	O&M	NRCS		10/9/2008		
29	L	ME09	Cameron Prairie National Wildlife Refuge Shoreline Protection	Shoreline Protection	Cameron	1	O&M	FWS		10/1/2008		
30	L	ME11	Humble Canal Hydrologic Restoration	Hydrologic Restoration	Vermilion	8	O&M	NRCS		10/1/2008		
31	L	ME13	Freshwater Bayou Bank Stabilization	Shoreline Protection	Vermilion	5	O&M	NRCS		10/9/2008		
32	L	ME14	Pecan Island Terracing	Sediment and Nutrient Trapping	Vermilion	7	O&M	NMFS		10/7/2008		
33	L	ME16	Freshwater Introduction South of Highway 82	Hydrologic Restoration/Marsh Creation	Vermilion	9	C	FWS		10/2/2008		
34	L	ME17	Little Pecan Bayou Hydrologic Restoration	Hydrologic Restoration	Cameron	9	E&D	NRCS		?		
35	L	ME18	Rockefeller Refuge Gulf Shoreline Stabilization	Shoreline Protection	Cameron	10	E&D	NMFS		?		
36	L	ME19	Grand-White Lakes Landbridge Protection	Shoreline Protection	Cameron	10	O&M	FWS		10/15/2008		
37	L	ME20	South Grand Chenier Hydrologic Restoration Project	Hydrologic Restoration	Cameron	11	E&D	FWS		?		
38	L	ME21	Grand Lake Shoreline Protection	Shoreline Protection	Cameron	11	E&D	COE		10/15/2008		
39	L	ME22	South White Lake Shoreline Protection	Shoreline Protection	Vermilion	12	C	COE		10/28/2008		
40	L	TV03	Vermilion River Cutoff Bank Protection	Shoreline Protection	Vermilion	1	O&M	COE		10/9/2008		
41	L	TV04	Cote Blanche Hydrologic Restoration	Hydrologic Restoration	St. Mary	3	O&M	NRCS		9/30/2008		
42	L	TV06	Marsh Island Control Structures	Marsh Management	Iberia	ST	O&M	State			N/A	
43	L	TV09	Boston Canal/Vermilion Bay Bank Protection	Shoreline Protection	Vermilion	2	O&M	NRCS		10/23/2008		
44	L	TV11	Freshwater Bayou Shoreline Protection	Shoreline Protection	Vermilion	ST	O&M	State		10/9/2008		
45	L	TV11B	Freshwater Bayou Bank Stabilization	Shoreline Protection/Hydrologic Restoration	Vermilion	9	E&D	COE		10/9/2008		
46	L	TV12	Little Vermilion Bay Sediment Trapping	Sediment and Nutrient Trapping	Vermilion	5	O&M	NMFS		10/9/2008		
47	L	TV13a	Oaks/Avery Canal Hydrologic Restoration, Increment 1	Hydrologic Restoration	Vermilion	6	O&M	NRCS		10/23/2008		
48	**L**	TV13b	Oaks/Avery Structures	Hydrologic Restoration	Vermilion	ST	O&M	State		10/23/2008		
49	L	TV14	Marsh Island Hydrologic Restoration	Hydrologic Restoration	Iberia/Vermilion	6	O&M	COE			completed by others	
50	L	TV15	Sediment Trapping at “The Jaws”	Sediment and Nutrient Trapping	St. Mary	6	O&M	NMFS		9/30/2008		
51	L	TV16	Cheniere Au Tigre Sediment Trapping Demonstration	Sediment and Nutrient Trapping/Shoreline Protection	Vermilion	6	DEMO	NRCS			completed by others	
52	L	TV17	Lake Portage Land Bridge	Shoreline Protection	Vermilion	8	O&M	NRCS			completed by others	

	Field Office	Project No.	Project Name	Type of Project	Parish	PPL-Progr	Project Phase	Federal Sponsor	Completed Inspection Date	Proposed Inspection Date	Results of Inspection	FEMA Claim
53	L	TV18	Four Mile Canal Terracing and Sediment Trapping	Sediment and Nutrient Trapping	Vermilion	9	O&M	NMFS		10/9/2008		
54	L	TV19	Weeks Bay Marsh Creation and Shore Protection/Commercial Canal Freshwater Redirection	Shoreline Protection	Iberia	9	E&D	COE			N/A	
55	L	TV20	Bayou Sale Shoreline Protection	Shoreline Protection	St. Mary	13	E&D	NRCS		?		
56	L	TV21	East Marsh Island Marsh Creation	Marsh Creation	Iberia	14	E&D	EPA/NRCS		?		
57	L	TVXX	Quintana Canal	Shoreline Protection	St. Mary	ST	O&M	State		11/4/2008		
58	NO	BA01	Davis Pond Freshwater Diversion	Freshwater Diversion	St. Charles	WRDA	O&M	COE		9/25/2008	flyover	
59	NO	BA03	Naomi Diversion	Freshwater Diversion	Plaquemines	ST	O&M	State		9/30/2008		
60	NO	BA03c	Naomi Outfall Management	Outfall Management	Plaquemines	5	O&M	NRCS		9/30/2008		
61	NO	BA04	West Point a la Hache Freshwater Diversion	Freshwater Diversion	Plaquemines	ST	O&M	State		9/22/2008	Parish Responsibility	
62	NO	BA04c	West Pointe a la Hache Outfall Management	Outfall Management	Plaquemines	3	E&D	NRCS			N/A	
63	NO	BA16	Bayou Segnette	Shoreline Protection	Jefferson	ST	O&M	State		9/30/2008		
64	NO	BA20	Jonathan Davis Wetland Protection	Hydrologic Restoration/Shoreline Protection	Jefferson	2	O&M	NRCS		9/30/2008		
65	NO	BA23	Barataria Bay Waterway West Side Shoreline Protection	Shoreline Protection	Jefferson	4	O&M	NRCS		9/30/2008		
66	NO	BA26	Barataria Bay Waterway East Side Shoreline Protection	Shoreline Protection	Orleans/Jefferson	6	O&M	NRCS		9/30/2008		
67	NO	BA31	Delta Building Diversion South of Empire	Freshwater Diversion/Sediment Diversion	Plaquemines	9	E&D	COE			N/A	
68	NO	BA33	Delta Building Diversion at Myrtle Grove	Freshwater Diversion/Sediment Diversion	Plaquemines/Jefferson/ Lafourche	10	E&D	COE			N/A	
69	NO	BA34	Mississippi River Reintroduction Into Northwest Barataria Basin	Freshwater Diversion	St. John/Lafourche	10	E&D	EPA			N/A	
70	NO	BA35	Pass Chaland to Grand Bayou Pass Barrier Shoreline Restoration	Shoreline Protection	Plaquemines	11	C	NMFS		9/25/2008		
71	NO	BA36	Dedicated Dredging on the Barataria Basin Landbridge	Marsh Creation	Jefferson	11	C	FWS		?		
72	NO	BA38	Pelican Island and Pass La Mer to Chaland Pass Restoration	Barrier Island	Plaquemines	11	C	NMFS		9/25/2008		
73	NO	BA39	Mississippi River Sediment Delivery System	Sediment Delivery	Jefferson	12	E&D	EPA			N/A	
74	NO	BA40	Riverine Sand Mining/Scofield Island Restoration	Barrier Island/Marsh Creation	Plaquemines	14	E&D	NMFS		9/25/2008		
75	NO	BA41	South Shore of the Pen Shoreline Protection and Marsh Creation	Shoreline Protection/Marsh Creation	Jefferson	14	E&D	NRCS		?		
76	NO	BS03a	Caernarvon Diversion Outfall Management	Outfall Management	Plaquemines	2	O&M	NRCS		9/25/2008	flyover	
77	NO	BS08	Caernarvon	Freshwater Introduction	Plaquemines	WRDA	O&M	COE		9/22/2008		
78	NO	BS10	Delta Building Diversion North of Fort St. Philip	Freshwater Diversion/Sediment Diversion	Plaquemines	10	E&D	COE		9/25/2008	flyover	

	Field Office	Project No.	Project Name	Type of Project	Parish	PPL-Progr	Project Phase	Federal Sponsor	Completed Inspection Date	Proposed Inspection Date	Results of Inspection	FEMA Claim
79	NO	BS11	Delta Management at Fort St. Philip	Outfall Management	Plaquemines	10	E&D	FWS			flyover	
80	NO	BS12	White's Ditch Resurrection & Outfall Management	Freshwater Diversion/Outfall Management	Plaquemines	14	E&D	NRCS		?		
81	NO	LA01(1)	Dedicated Dredging Program - Pass A Loutre Site	Marsh Creation	Plaquemines	ST	C	State			flyover	
82	NO	MR03	West Bay Sediment Diversion	Sediment Diversion	Plaquemines	1	O&M	COE			flyover	
83	NO	MR06	Channel Armor Gap Crevasse	Sediment Diversion	Plaquemines	3	O&M	COE			flyover	
84	NO	MR09	Delta Wide Crevasses	Sediment Diversion	Plaquemines	6	O&M	NMFS			flyover	
85	NO	MR10	Dustpan Maintenance Dredging Operations for Marsh Creation in the Mississippi River Delta Demonstration	Beneficial Use of Dredged Material	Plaquemines	6	DEMO	COE			N/A	
86	NO	MR11	Periodic Introduction of Sediment and Nutrients at Selected Diversion Sites Demonstration	Freshwater Diversion	Plaquemines	9	E&D	COE			N/A	
87	NO	MR12	Mississippi River Sediment Trap	Sediment Diversion	Plaquemines	9	E&D	COE			N/A	
88	NO	MR13	Benneys Bay Diversion	Freshwater Diversion	Plaquemines	10	E&D	COE			N/A	
89	NO	MR14	Spanish Pass Diversion	Freshwater Diversion	Plaquemines	13	E&D	COE		?		
90	NO	PO01	Violet Siphon	Freshwater Diversion	St. Bernard	ST	O&M	State			Parish Responsibility	
91	NO	PO03b	Labranche Shoreline Protection	Shoreline Protection	St. Charles	ST	O&M	State		?		
92	NO	PO06	Fritchie Marsh Restoration	Hydrologic Restoration	St. Tammany	2	O&M	NRCS		9/29/2008		
93	NO	PO10	Turtle Cove	Shoreline Protection	Tangipahoa	ST	O&M	State		10/1/2008		
94	NO	PO16	Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 1	Hydrologic Restoration	Orleans	1	O&M	FWS			USFWS will inspect /report	
95	NO	PO17	Bayou LaBranche Wetland Creation	Beneficial Use of Dredged Material	St. Charles	1	O&M	COE		10/1/2008		
96	NO	PO18	Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 2	Hydrologic Restoration	Orleans	2	O&M	FWS			USFWS will inspect /report	
97	NO	PO19	Mississippi River Gulf Outlet (MRGO) Disposal Area Marsh Protection	Marsh Management	St. Bernard	3	O&M	COE			flyover	
98	NO	PO22	Bayou Chevee Shoreline Protection	Shoreline Protection	Orleans	5	O&M	COE		9/29/2008		
99	NO	PO24	Hopedale Hydrologic Restoration	Hydrologic Restoration	St. Bernard	8	O&M	NMFS		10/2/2008		
100	NO	PO26	Opportunistic Use of the Bonnet Carre' Spillway	Freshwater Diversion	St. Charles	9	E&D	COE			N/A	
101	NO	PO27	Chandeleur Islands Marsh Restoration	Vegetation Planting	St. Bernard	9	O&M	NMFS			N/A	
102	NO	PO29	River Reintroduction into Maurepas Swamp	Freshwater Diversion	St. John	11	E&D	EPA		?		
103	NO	PO30	Lake Borgne Shoreline Protection	Shoreline Protection/Marsh Creation	St. Bernard	10	E&D	EPA		9/17/2008		
104	NO	PO31	Lake Borgne Shoreline Protection at Bayou Dupre	Shoreline Protection/Marsh Creation	St. Bernard	11	E&D	EPA		9/17/2008		

	Field Office	Project No.	Project Name	Type of Project	Parish	PPL-Progr	Project Phase	Federal Sponsor	Completed Inspection Date	Proposed Inspection Date	Results of Inspection	FEMA Claim
105	NO	PO32	Lake Borgne and MRGO Shoreline Protection	Shoreline Protection	St. Bernard	12	E&D	COE		10/6/2008		
106	NO	PO33	Goose Point/Point Platte Marsh Creation	Marsh Creation	St. Tammany	13	E&D	FWS		10/3/2008		
107	NO	WIR	Wine Island Restoration			ST	O&M	State		?		
108	T	AT02	Atchafalaya Sediment Delivery	Sediment Diversion/Beneficial Use of Dredged Material/Marsh Creation	St. Mary	2	O&M	NMFS		10/28/2008	flyover	
109	T	AT03	Big Island Mining	Sediment Diversion/Beneficial Use of Dredged Material/Marsh Creation	St. Mary	2	O&M	NMFS		10/28/2008	flyover	
110	T	BA02	GIWW (Gulf Intracoastal Waterway) to Clovelly Hydrologic Restoration	Hydrologic Restoration	Lafourche	1	O&M	NRCS		9/25/2008		
111	T	BA15	Lake Salvador Shore Protection Demonstration	Shoreline Protection	St. Charles	3	O&M	NMFS		10/3/2008		
112	T	BA-15x1	Lake Salvador Mitigation	Shoreline Protection	St. Charles	ST	O&M	State		10/3/2008		
113	T	BA19	Barataria Bay Waterway Wetland Restoration	Marsh Creation	Jefferson	1	O&M	COE		?		
114	T	BA25b	Mississippi River Reintroduction Into Bayou Lafourche	Freshwater Introduction	Lafourche/Ascension/ Assumption	11	E&D	EPA		?		
115	T	BA27	Barataria Basin Landbridge Shoreline Protection, Phases 1 and 2	Shoreline Protection	Jefferson/Lafourche	7	E&D, C, O&M	NMFS		10/1/2008		
116	T	BA27c	Barataria Basin Landbridge Shoreline Protection, Phase 3	Shoreline Protection	Jefferson/Lafourche	9	E&D, C, O&M	NRCS		10/1/2008		
117	T	BA27d	Barataria Basin Landbridge Shoreline Protection Phase 4	Shoreline Protection	Jefferson/Lafourche	11	C	NRCS		10/1/2008		
118	T	BA28	Vegetative Plantings of a Dredged Material Disposal Site on Grand Terre Island	Vegetation Planting	Jefferson	7	O&M	NMFS		?		
119	T	BA30	East/West Grand Terre Islands Restoration	Barrier Island	Jefferson	9	E&D	NMFS		?		
120	T	BA37	Little Lake Shoreline Protection/ Dedicated Dredging Near Round Lake	Shoreline Protection	Lafourche	11	C	NMFS		10/8/2008		
121	T	LA01(2)	Dedicated Dredging Program - Terrebonne Parish School Board Site	Marsh Creation	Terrebonne	ST	C	State		10/7/2008		
122	T	LA05	Floating Marsh Creation Demonstration Project	Marsh Creation	Jeff.,Laf.,Plaq.,St.Chs.,St John.,St. Mary.,Terr.	12	E&D	NRCS		?		
123	T	TE01	Montegut Wetlands	Marsh Management	Terrebonne	NC	O&M	State		10/23/2008		
124	T	TE02	Falgout Canal Wetlands	Marsh Management	Terrebonne	ST	O&M	State		?		
125	T	TE03	Bayou LaCache Wetlands	Marsh Management	Terrebonne	ST	O&M	State		?		
126	T	TE07	Lashbrook	Shoreline Protection	Terrebonne	ST	C	State		10/22/2008		
127	T	TE10	Grand Bayou/GIWW Freshwater Diversion	Freshwater Introduction	Lafourche	5	E&D	FWS		?		
128	T	TE17	Falgout Canal Planting Demonstration	Veg. Planting	Terrebonne	1	DEMO	NRCS			N/A	
129	T	TE20	Isles Dernieres Restoration East Island	Barrier Island	Terrebonne	1	O&M	EPA		10/16/2008	flyover	
130	T	TE22	Point Au Fer Canal Plugs	Shoreline Protection/Hydrologic Restoration	Terrebonne	2	O&M	NMFS		10/29/2008	flyover	

	Field Office	Project No.	Project Name	Type of Project	Parish	PPL-Progr	Project Phase	Federal Sponsor	Completed Inspection Date	Proposed Inspection Date	Results of Inspection	FEMA Claim
131	T	TE23	West Belle Pass Headland Restoration	Beneficial Use of Dredged Material	Lafourche	2	O&M	COE		10/30/2008	flyover	
132	T	TE24	Isles Dernieres Restoration Trinity Island	Barrier Island	Terrebonne	2	O&M	EPA		10/16/2008	flyover	
133	T	TE25	East Timbalier Island Sediment Restoration, Phase 1	Barrier Island	Lafourche	3	O&M	NMFS			flyover	
134	T	TE26	Lake Chapeau Sediment Input and Hydrologic Restoration, Point Au Fer Island	Hydrologic Restoration/Marsh Creation	Terrebonne	3	O&M	NMFS		9/24/2008		
135	T	TE27	Whiskey Island Restoration	Barrier Island	Lafourche	3	O&M	EPA		10/15/2008	flyover	
136	T	TE28	Brady Canal Hydrologic Restoration	Hydrologic Restoration	Terrebonne	3	O&M	NRCS		9/30/2008		
137	T	TE29	Raccoon Island Breakwaters Demonstration	Barrier Island	Terrebonne	5	DEMO	NRCS		10/16/2008	flyover	
138	T	TE30	East Timbalier Island Sediment Restoration, Phase 2	Barrier Island	Lafourche	4	O&M	NMFS			flyover	
139	T	TE32	Lake Boudreaux Basin Freshwater Introduction and Hydrologic Management	Freshwater Diversion/Hydrologic Restoration	Terrebonne	6	E&D	FWS		?		
140	T	TE34	Penchant Basin Natural Resources Plan, Increment 1	Hydrologic Restoration	Terrebonne	6	E&D	NRCS		?		
141	T	TE37	New Cut Dune and Marsh Restoration	Barrier Island/Marsh Creation	Terrebonne	9	E&D	EPA			flyover	
142	T	TE39	South Lake De Cade Freshwater Introduction	Hydrologic Restoration	Terrebonne	9	E&D	NRCS		?		
143	T	TE40	Timbalier Island Dune and Marsh Restoration	Barrier Island/Marsh Creation	Terrebonne	9	O&M	EPA			flyover	
144	T	TE41	Mandalay Bank Protection Demonstration	Shoreline Protection	Terrebonne	9	O&M	FWS		?		
145	T	TE42	Atchafalaya Water to Central Lafourche	Freshwater Introduction	Various		E&D	FWS		?		
146	T	TE43	GIWW Bank Restoration of Critical Areas in Terrebonne	Shoreline Protection	Terrebonne/Lafourche	10	E&D	NRCS		?		
147	T	TE44	North Lake Mechant Landbridge Restoration	Shoreline Protection/Marsh Creation	Terrebonne	10	E&D	FWS		?		
148	T	TE45	Terrebonne Bay Shore Protection Demonstration	Shoreline Protection	Terrebonne	10	E&D	FWS		10/9/2008		
149	T	TE46	West Lake Boudreaux Shoreline Protection and Marsh Creation	Shoreline Protection	Terrebonne	11	E&D	FWS		10/23/2008		
150	T	TE47	Ship Shoal: Whiskey West Flank Restoration	Barrier Island	Terrebonne	11	E&D	EPA			flyover	
151	T	TE48	Raccoon Island Shoreline Protection/Marsh Creation	Shoreline Protection	Terrebonne	11	E&D	NRCS		10/16/2008	flyover	
151b	T	TE48b	Raccoon Isl SP/ Marsh creation Phase 2	SP	Terrebonne			NRCS				
152	T	TE49	Avoca Island Diversion and Land Building	Freshwater Introduction	St. Mary	12	E&D	COE				
153	T	TE50	Whiskey Island Back Barrier Marsh Creation	Barrier Island	Terrebonne	13	E&D	EPA				
154	T	TE52	W Belle Pass Barr Headland Rest	Barrier Island	Terrebonne						flyover	

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

November 5, 2008

STATUS OF BREAUX ACT PROGRAM FUNDS AND PROJECTS

For Report:

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

Tab 4 - Status of Breaux Act Funds Task Force Meeting

November 5, 2008

Gay Browning, U. S. Army Corps of Engineers
Melanie Goodman, U. S. Army Corps of Engineers

Status of Breaux Act Funds

1. Current Funding Situation
   - CWPPRA Planning Program
     - Available funds
   - CWPPRA Construction Program
     - Available funds, obligations, expenditures
     - Summary of today's decision items

2. Projected Funding Situation
   - CWPPRA updated funding projections over program life
   - Total funding required - projects for which construction has started (construction + 20 years OM&M)

1. Current Funding Situation

CWPPRA Planning Program

- Task Force approved $4,996,004 for FY08 Planning budget on 25 Oct 07
- Current surplus in the Planning Program is $1,185,632
- Technical Committee is recommending approval of $4,930,325 for FY09 Planning Budget
- Outreach Committee is requesting Task Force approval of $516,310
- Surplus with approval of above FY09 budget recommendation expected to be $738,997

CWPPRA Construction Program

- Total Federal funds received (FY92 to FY08) = $797.7M
- FY09 anticipated Fed funds = $79.3M
- FY09 anticipated total including non-Fed share = $93.3M
- Total obligations = $710.8M
- Total expenditures = $442.5M
- 145 active projects:
  - 75 projects completed construction
  - 18 currently under construction
  - 52 not yet started construction

CWPPRA Construction Program

- 3 projects began construction in FY08
- 16 projects scheduled to begin construction in FY09:
  - 3 non-cash flow projects that are already fully funded
  - 6 cash flow projects that are already approved and funded for Phase II
  - 7 cash flow projects that are not approved for Phase II

"Unencumbered" or "Available" Funding in Construction Program

- "Unencumbered" Federal funding balance as of 20 October 08 (page 6):
  - Current = $7,371,631
- FY09 Federal funding estimated to be $79,318,450 (Construction Program)
- Total FY09 "Available" funding balance, including non-Fed cost share, is estimated to be $100,687,455

Construction Program – Today's Funding Requests

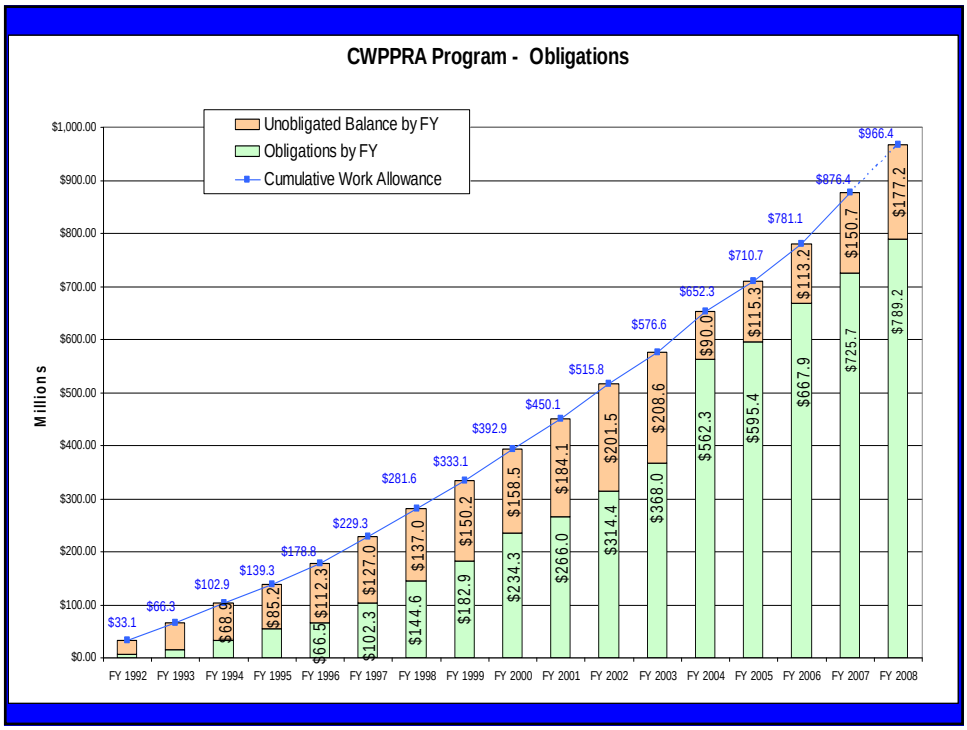
- Technical Committee recommendations up for consideration today (Construction funds):

# 3	Storm Recovery Procedures Contingency Fund	$ 266,227
# 5	Deauthorizations and Transfers	($ 8,371,000)
#10	Corps Admin for Cash Flow Projects	$ 22,138
#8b	O&M increases PPL 1-8	$ 371,231
#8b	O&M increases for PPL 9+	$ 2,106,919
#13a	Monitoring, PPL 9+	$ 146,243
#7b	CRMS	$ 7,600,455
#15	West Bay Diversion – O&M Increase	$ 10,998,550
	TOTAL	$ 13,140,763

- Available Fed + non-Fed funding in Construction Program including FY09, prior to TF decisions = $100,687,455
- If Technical Committee recommendations are approved, the available funding = $87,546,692 for Jan 09 PPL 18 approval and Phase II approvals.

Total Program Obligations by FY (Fed/non-Fed)

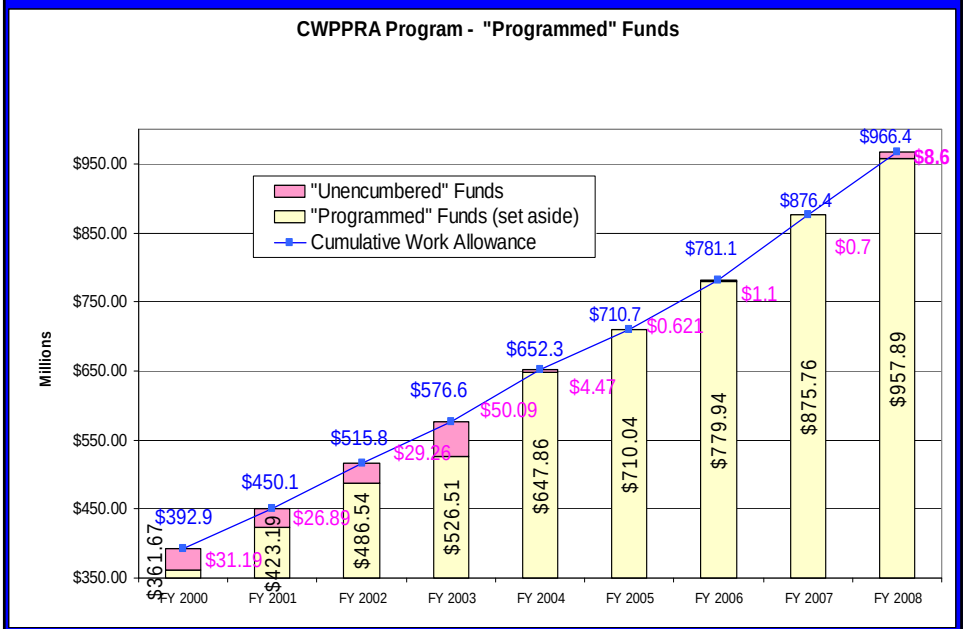
- Graph shows:
  - Total cumulative funds into program for FY92-08 (blue line)
  - Cumulative obligations for FY92-08 (green bar)
  - Unobligated balance by FY (peach bar)
- The program carries over a significant amount of funds each fiscal year ($208.6M at close of FY03, $123.7M at close of FY06)
- In FY04, however, the unobligated carryover was reduced to $87.5M (lowest since 1995)
- Current unobligated balance is $177.2M



"Programmed" Funds (Fed/non-Fed)

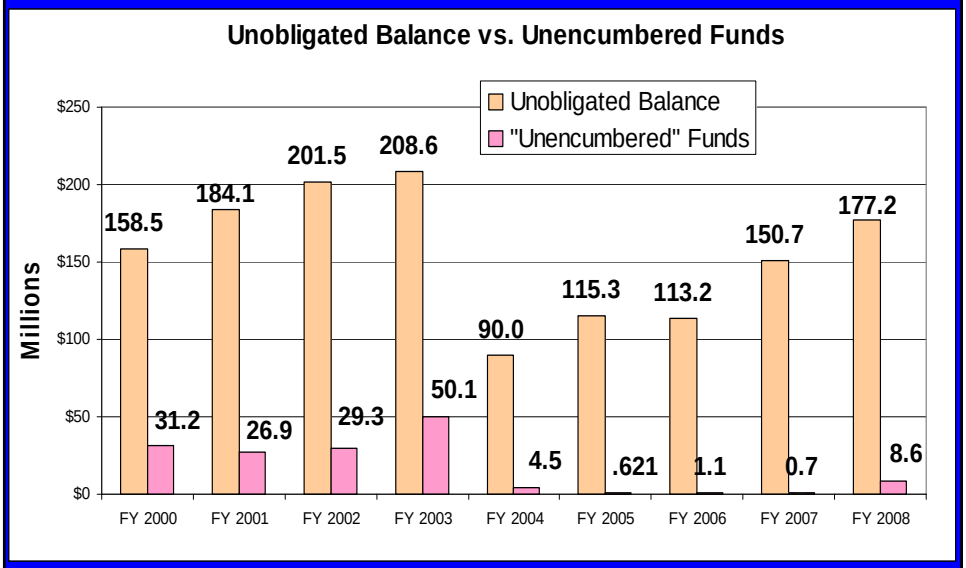
Set Aside Funds

- **Graph shows:**
  - Total cumulative funds into program, showing FY00-08 (blue line)
  - Cumulative "programmed" funds (set aside) FY00-08 (yellow bar) – currently approved phases
  - "Unencumbered" funds (pink bar) – this is the amount that Gay quotes as "available" funds
- **$8,557,263 "available" includes $1,185,632 in the Planning Program and $7,371,631 in the Construction Program**



Unobligated Balance versus Unencumbered Funds

- Graph shows the unobligated balance by fiscal year compared to the "unencumbered" funding
- Average difference in FY00-03 was approximately **$150M**
- In FY04 – FY08 "unencumbered" funds in the Construction Program are close to zero
- Currently there is a **$7,371,631** available in Construction, and **$1,185,632** available in Planning (total **$8,557,263**)

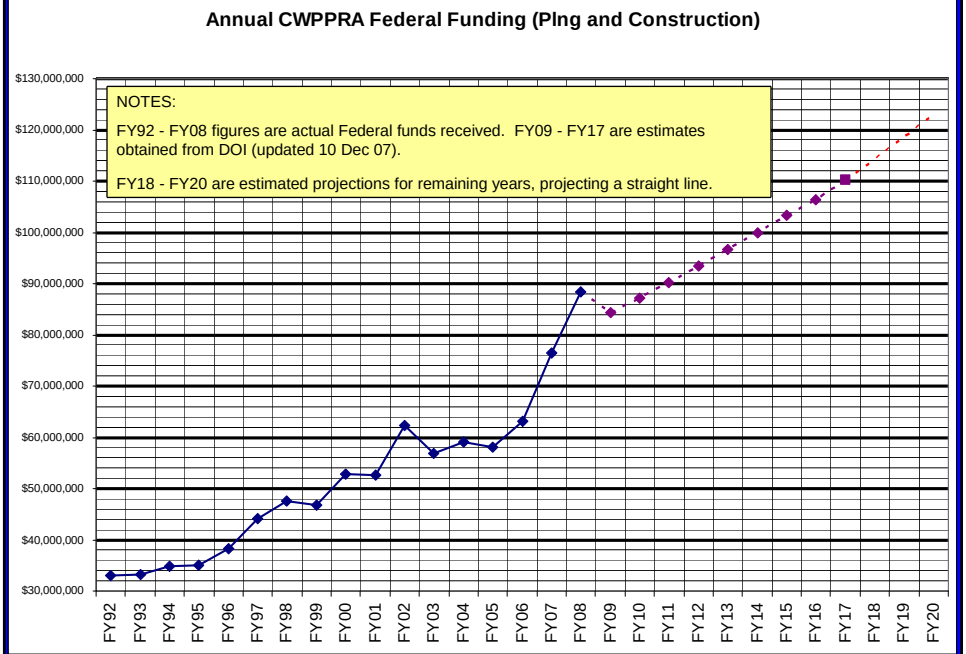


2. Projected Funding Situation

Updated Funding Projection

- Consolidated Appropriations Act of 2005 (signed 8 Dec 04) extended the program through 2019
- Total program funding (Fed and non-Fed) with previous authority (FY92 - FY09) is **$1.2B**, incl $5M/year for Planning
- Based on DOI projections through FY17 (and straight-line projections for FY18-20), the total program funding (Fed and non-Fed) is estimated to be **$2.46B**, incl $5M/yr for Planning
- Total cost for all projects on PPLs 1-17, incl Planning = **$2.05B**

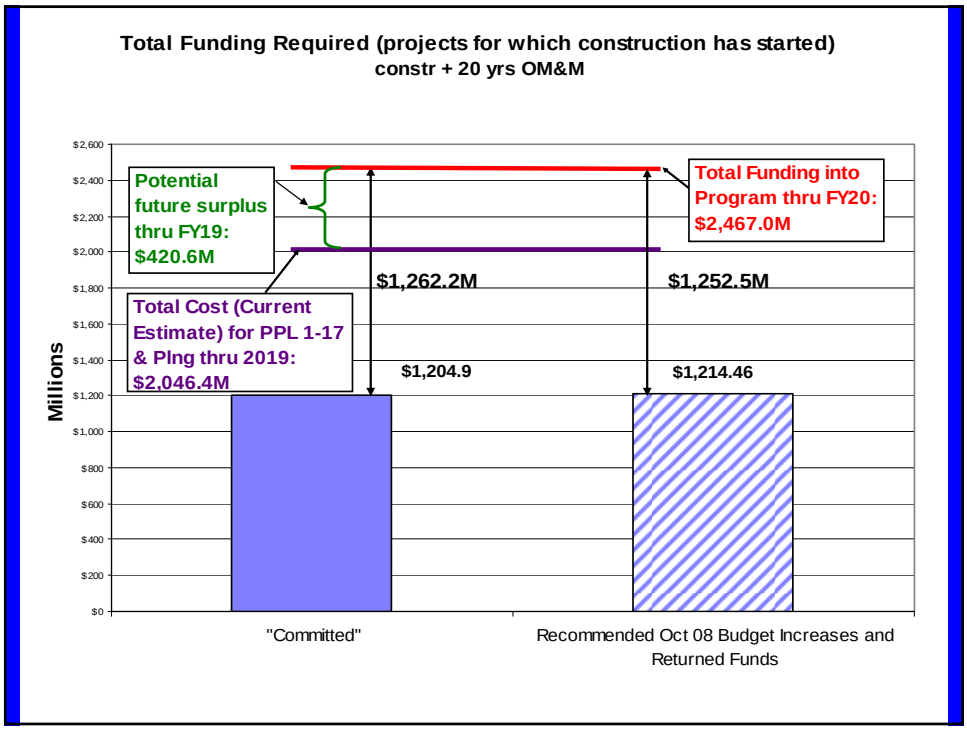
Funding Summary	Federal	non-Federal	Total Program
Thru FY10	$ 1,054,230,120	$ 206,077,526	$ 1,260,307,646
Thru FY20	$ 2,110,029,058	$ 356,947,367	$ 2,466,976,424



Total Funding Required

(for projects for which construction has started)

- The overall funding limits of the program should be considered when approving projects for construction
- Once a project begins construction, the program should provide OM&M over 20 year life of project
  - PPL1-8 projects have funding for 20 years already set aside
  - PPL9+ projects set aside funds in increments: Ph I/ construction + 3 yrs OM&M/ yearly OM&M thereafter
- Total funds into the total program (Fed/non-Fed) over life of program (FY92-20) = $2,467.0M
- 20 years of funding required for projects which have been approved for construction = $1,204.9M. The "gap" between the two = $1,262.2M
- Including unapproved cost increases for non-cash flow projects, the "gap" becomes $1,252.5M



Planning Program Funding Requests for 5 November 2008 Task Force Approval			5-Nov-08
	Total Request	**TF?**	**Total Recommended**
Funds Available:			
Funds Available, 22 Sep 2008	**$1,185,632.00**		**$1,185,632.00**
Anticipated Return of Funds			**$0.00**
FY09 Planning Program Funding (anticipated)	**$5,000,000.00**		**$5,000,000.00**
Total	**$6,185,632.00**		**$6,185,632.00**
Agenda Item 6: FY09 - Planning Budget (and Outreach Budget) Recommendation:			
P&E Recommended FY09 Planning Budget (Option 1)	$4,930,325.00	Y	$4,930,325.00
P&E Recommended FY09 Planning Budget [+ $124,190] (Option 2)	$5,054,515.00		$0.00
P&E Recommended FY09 Planning Budget [+ $166,125] (Option 3)	$5,096,450.00		$0.00
Outreach Committee FY 09 Outreach Budget Recommeded	$516,310.00	Y	$516,310.00
Total	**$15,597,600.00**		**$5,446,635.00**
FY09 Planning Budget- Additional Requests Not on Agenda Recommendation:			
			$0.00
			$0.00
			$0.00
			$0.00
Total	**$0.00**		**$0.00**
Total Remaining Funds in CWPPRA Planning Program			**$738,997.00**

Agenda Item 6: FY09 Planning Budget

Option 1: Does not include any cost for Supplemental Task series 19500, programmatic re-evaluation of project cost estimates

Option 2: Includes cost for SPE 19520 and 19530, programmatic re-evaluation of project cost estimates for projects approved/funded for or completed construction

Option 3: Includes cost for SPE 19510, 9520 and 19530, programmatic re-evaluation of project cost estimates for projects in Phase I and projects approved/funded for or completed construction

Construction Program Funding Requests for 5 November 2008 Task Force Approval				5 Nov 2008
	Total	**TF?**	**Fed**	**Non-Fed**
Funds Available:				
Funds Available, 22 September 2008	$7,371,631		$7,371,631	
FY09 Construction Program Funding (anticipated)	$93,315,824		$79,318,450	**$13,997,374**
Total	**$100,687,455**		**$86,690,081**	**$13,997,374**
Agenda Item 3: November 2008 Storm Recovery Procedures Contingency Fund Project Funding Request Approval:				
Rqst #2: Storm Recovery Funds for Hurricanes Gustave & Ike	$266,227	Y	$226,293	$39,934
Total	**$266,227**		**$226,293**	**$39,934**
Agenda Item 5a: November 2008 Project Deauthorization Requests Approval:				
Periodic Introduction of Sediment & Nutrients Demo (MR-11) [PPL 9] [COE]	($1,471,000)	Y	($1,323,900)	($147,100)
Grand Bayou Hydrologic Restoration (TE-10) [PPL 5] [FWS]	($6,800,000)	Y	($6,120,000)	($680,000)
Total	**($8,271,000)**		**($7,443,900)**	**($827,100)**
Agenda Item 5b & 5c: November 2008 Project Transfer Request Approval:				
East Grand Terre Island Restoration (BA-30) [PPL 9] [NMFS] {to CIAP}	($100,000)	Y	($85,000)	($15,000)
Delta Building Divr at Myrtle Grove (BA-33) [PPL 10] [COE] {to LCA}		Y	$0	$0
Total	**($100,000)**		**($85,000)**	**($15,000)**
Agenda Item 10: November 2008 COE Admin - PPL 9-17 Projects Incremental Funding Requests Approval:				
Multiple Projects	$22,138	Y	$18,817	$3,321
Total	**$22,138**		**$18,817**	**$3,321**
Agenda Item 8b: November 2008 O & M - PPL 1-8 Cost Increase & Funding Requests Approval:				
Cameron Creole Plugs (CS-17) [PPL 1] USFWS]	$95,380	Y	$81,073	$14,307
Black Bayou Hydrologic Restoration (CS-27) [PPL 6] [NMFS]	$134,223	Y	$120,801	$13,422
Freshwater Bayou Wetland Protection (ME-04) [PPL 2] [NRCS]	$102,724	Y	$87,315	$15,409
Freshwater Bayou Bank Stabilization (ME-13) [PPL 5] [NRCS]	$38,904	Y	$35,014	$3,890
Total	**$371,231**		**$324,203**	**$47,028**
Agenda Item 8b: November 2008 O & M - PPL 9-17 Incremental Funding Requests Approval:				
Little Lake Shoreline Prot & MC (BA-37) [PPL 11] [NMFS] [Budget Incr $3,091,351]	$65,124	Y	$55,355	$9,769
Coastwide Nutria Control Program (LA-03b) [PPL 11] [NRCS]	$2,041,795	Y	$1,735,526	$306,269
Total	**$2,106,919**		**$1,790,881**	**$316,038**
Agenda Item 13: November 2008 Monitoring - PPL 9-17 Incremental Funding Requests Approval:				
Four Mile Canal Terracing & Sed Trapping (TV-18) [PPL 9] [NMFS]	$24,511	Y	$20,834	$3,677
Coastwide Nutria Control Program (LA-03b) [PPL 11]	$121,732	Y	$103,472	$18,260
CRMS - Wetlands	$7,600,455	Y	$6,460,387	$1,140,068
Total	**$7,746,698**		**$6,584,693**	**$1,162,005**
Agenda Item 15: A36November 2008 O&M - West Bay Sediment Diversion Project (MR-03) Budget Increase & Funding Approval:				
West Bay Sediment Diversion (MR-03) [PPL 1] [COE]	$10,998,550	Y	$9,348,768	$1,649,783
[Budget Increase of $28,550,742; funding approval of $10,998,550]	**$10,998,550**		**$9,348,768**	**$1,649,783**
Agenda Item 19: Additional Agenda Items Presented for Information:				
Monitoring Contingency Plan [Approval to Use Funds; Funds in Place]	$320,000		$272,000	$48,000
			$0	$0
			$0	$0
			$0	$0
Total	**$320,000**		**$272,000**	**$48,000**
Phase II Incr 1: January 2009 (Construction + 3 years OM&M) Requests Recommendation: [ESTIMATES TO BE UPDATED]				
Barataria Basin LB, Phase 3, CU 7 (BA-27c) [PPL11	$25,891,625		$22,007,881	$3,883,744
East Marsh Island (TV-21) [PPL 14]	$15,435,430		$13,120,116	$2,315,315
GIWW Bank Restoration of Critical Areas in Terrebonne (Seg 4) (TE-43) [PPL 10]	$10,934,322		$9,294,174	$1,640,148
Lake Hermitage Marsh Creation (BA-42) [PPL 15]	$30,315,147		$25,767,875	$4,547,272
Ship Shoal: Whiskey West Flank (TE-47) [PPL 11]	$47,962,959		$40,768,515	$7,194,444
South Pecan Island (ME-23) [PPL 15]	$2,726,720		$2,317,712	$409,008
South Shore of the Pen - CU 2 (BA-41b) [PPL 11]			$0	$0
Total	**$133,266,203**		**$113,276,273**	**$19,989,930**
Proposed November 2008 Approvals	**$13,140,763**			
Funds Available After October 2008 Approvals (to fund Phase II)	**$87,546,692**			
Proposed January 2009 Phase II Approvals	**$133,266,203**			
Oct 2008 and Jan 2009 Proposed Approvals Total	**$146,406,966**			
Available Funds Surplus/(Shortage)	**($45,719,511)**			

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING
November 5, 2008

STATUS OF BREAUX ACT PROGRAM FUNDS AND PROJECTS

For Information

1. **Planning Program.**
   - **a.** Planning Program Budget (pg 1-3). Reflects yearly planning budgets for the last five years. The FY08 Planning Program budget of $4,996,004 was approved by the Task Force on 25 October 2007. In addition to the approved budget, there's a $1,185,632 surplus in the Planning Program.

2. **Construction Program.**
   - a. CWPPRA Project Summary Report by Priority List (pg 4-5). A priority list summary of funding, baseline and current estimates, obligations and expenditures, for the construction program as furnished by the lead agencies for the CWPPRA database.

   - b. Status of Construction Funds (pg 6-7). Taking into consideration approved current estimates, project expenditures through present, Federal and non-Federal cost sharing responsibilities, we have $7,371,631 Federal funds available, based on Task Force approvals to date. FY09 Federal construction program funding is estimated to be $79,318,450 (June 2008 DOI projection).

   - c. Status of Construction Funds for Cash Flow Management (pg 8-9). Status of funds reflecting current, approved estimates and potential Phase 2 estimates for PPL's 1 through 17 and estimates for two complex projects not yet approved, for present through program authorization.

   - d. Cash Flow Funding Forecast (pg 10-12). Phase II funding requirements by FY.

   - e. Projects on PPL 1-8 Without Construction Approval (pg 13). Potential return of $35,540,974 unexpended funds to program.

   - f. Construction Schedule (pg 14-17). Construction start/completion schedule with construction estimates, obligations and expenditures for FY09 through FY11.

   - g. CWPPRA Project Status Summary Report (pg 18-104). This report is comprised of project information from the CWPPRA database as furnished by the lead agencies.

Coastal Wetlands Planning, Protection and Restoration Act

Fiscal Year 2008 Budget Summary

P&E Committee Recommendation, 20 August 2007
Tech Committee Recommendation, 12 September 2007
Task Force Approval, 25 October 2007

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

Coastal Wetlands Planning, Protection and Restoration Act

Fiscal Year 2008 Budget Summary

P&E Committee Recommendation, 20 August 2007
Tech Committee Recommendation, 12 September 2007
Task Force Approval, 25 October 2007

		FY2004 Amount ($)	FY2005 Amount ($)	FY2006 Amount ($)	FY2007 Amount ($)	FY2008 Amount ($)
Outreach						
Outreach		421,250	437,900	460,948	463,858	464,470
Supplemental Tasks						
Academic Advisory Group		99,000	99,000	99,000	100,100	103,400
Database & Web Page Link Maintenance		109,043	52,360	61,698	62,996	63,806
Linkage of CWPPRA & LCA		200,000	120,000			
Core GIS Support for Planning Activities		278,583	303,730	305,249	307,249	307,249
Oyster Lease GIS Database-Maint & Anal		88,411	98,709	103,066		
Oyster Lease Program Mgmt & Impl		74,472				
Joint Training of Work Groups		50,000	30,383			
Terrebonne Basin Recording Stations		18,000				
Land Loss Maps (COE)		62,500	63,250	63,250		
Storm Recovery Procedures (2 events)		76,360	97,534	97,534		
Landsat Satellite Imagery						
Digital Soil Survey (NRCS/NWRC)						
GIS Satellite Imagery						
Aerial Photography & CD Production						
Adaptive Management						
Development of Oyster Reloc Plan						
Dist & Maintain Desktop GIS System						
Eng/Env WG rev Ph 2 of apprv Ph 1 Prjs						
Evaluate & Assess Veg Plntgs Coastwide						
Monitoring - NOAA/CCAP[23]						
High Resolution Aerial Photography (NWRC)						
Coast-Wide Aerial Vegetation Svy						
Repro of Land Loss Causes Map						
Model flows Atch River Modeling						
MR-GO Evluation						
Monitoring - Academic Panel Evaluation						
Brown Marsh SE Flight (NWRC)						
Brown Marsh SW Flight (NWRC)						
COAST 2050 (DNR)						
Purchase 1700 Frames 1998 Photography (NWRC)						
CDROM Development (NWRC)						
DNR Video Repro						
Gov's Office Workshop						
GIWW Data collection						
Total Supplemental		**$1,056,369**	**$864,966**	**$729,797**	**$470,345**	**$474,455**
Total Allocated		**$5,148,336**	**$5,303,053**	**$5,112,355**	**$5,168,692**	**$4,996,004**
Unallocated Balance						$3,996
Total Unallocated	$1,181,636					$1,185,632

Coastal Wetlands Planning, Protection and Restoration Act

Fiscal Year 2008 Budget Summary

P&E Committee Recommendation, 20 August 2007
Tech Committee Recommendation, 12 September 2007
Task Force Approval, 25 October 2007

FY2004 Amount ($)	FY2005 Amount ($)	FY2006 Amount ($)	FY2007 Amount ($)	FY2008 Amount ($)

Footnotes:

[1] amended 28 Feb 96

[2] $700 added for printing, 15 Mar 96 (TC)

[3] transfer $600k from '97 to '98

[4] transfer $204k from MRSNFR TO Barrier Shoreline Study

[5] increase of $15.1k approved on 24 Apr 97

[6] increase of $35k approved on 24 Apr 97

[7] increase of $40k approved on 26 Jul 97 from Corps Planning Funds

[8] Original $550 in Barrier Shoreline Included $200k to complete Phase 1 EIS, and $350k to develop Phase 2 feasibility scope.

[9] Assumes a total of $420,000 is removed from the Barrier Shoreline Study over 2 years from Phase 1 EIS

[10] Excludes $20k COE, $5k NRCS, $5k DNR, $2kUSFWS, and $16k NMFS moved to Coast 2050
during FY 97 for contracs & @$255k absorbed in agency FY 97 budgets for a total of $303,000.
to COAST2050 during FY 97 for contracts & @$255k absorbed in agency FY 97 budgets for a total of $303,000.

[11] Additional $55,343 approved by Task Force for video documenary.

[12] $29,765 transferred from DNR Coast 2050 to NWRC Coast 2050 for evaluation of Report.

[13] $100,000 approved for WAVCIS at 4 Aug 99 Task Force meeting. Part of Barrier Shoreline Study.

[14] Task Force approved 4 Aug 99.

[15] Task Force approved additional $50,000 at 4 Aug 99

[16] Carryover funds from previous FY's; this number is being researched at present.

[17] $600,000 given up by MRSNFR for FY 2000 budget.

[18] Toal cost is $228,970.

[19] Task Force approved FY 2000 Planning Budget 7 Oct 99 as follows:
(a) General Planning estimates for agencies approved.
(b) 75% of Outreach budget approved; Agency outreach funds removed from agency General Planning funds;
Outreach Committee given oversight of agency outreach funds.
(b) 50% of complex project estimates approved.

[20] Outreach: original approved budget was $375,000; revised budget $415,000.
(a) 15 Mar 2000, Technical Committee approved $8,000 increase Watermarks printing.
(b) 6 Jul 2000, Task Force approved up to $32,000 for Sidney Coffee's task of implementing national outreach effort.

[21] 5 Apr 2000, Task Force approved additional $67,183 for preparation of report to Congress.
$32,000 of this total given to NWRC for preparation of report.

[22] 6 Jul 00: Monitoring - Task Force approved $30,000 for Greg Steyer's academic panel evaluation of monitoring program.

[23] Definition: Monitoring (NWRC) - NOAA/CCAP (Coastwide Landcover [Habitat] Monitoring Program

[24] 29 Aug 00: Task Force fax vote approves $29,500 for NWRC for brown marsh southeastern flight

[25] 1 Sep 00: Task Force fax vote approves $46,000 for NWRC for brown marsh southwestern flight

[26] 10 Jan 2001: Task Force approves additional $113,000 for FY01.

[27] 30 May 01: Tech Comm approves 86,250 for Coast-Wide Aerial Vegetation Survey for LDNR; T.F. fax vote approves

[28] 7 Aug 2001: Task Force approves additional $63,000 in Outreach budget for Barataria Terrebonne
National Estuary Foundation Superbowl campaign proposal.

[29] 16 Jan 2002, Task Force approves $85,000 for each Federal agency (except COE) for participation in LCA/Coast 2050 studies and collocation.
Previous budget was $45,795, revised budget is $351,200, an increase of $305,405. This task is a supplemental activity in each agency's General Planning budget.

[30] 2 Apr 02: LADNR requested $64,000 be transferred from its General Planning budget to LUMCON for Academic Assistance on the Adaptive Management supplemental task.

[31] 1 May 02: LADNR requested $1,500 be transferred from their General Planning (activity ER 12010, Prepare Report to Congress)
and given to NWRC for creation of a web-ready version of the CWPPRA year 2000 Report to Congress for printing process.

[32] 16 Jan 2003: Task Force approves LDWF estimate that was not included in originally approved budget.

[33] 4 May 2005: Task Force approves additional $164,024 funding under General Planning for Programmatic Assessment and Vision task;
+$48,840 (COE); +$86,938 (NWRC); +$21,670 (NRCS); +$6,576 (NMFS)

[33a] 24 Aug 2006: Scott Wilson requests reduction of $37,000 from the $86,938 for the Programmatic Assessment; $45,000 was given for printing but only $8,000 used.

[34] 25 Jan 2006: FY2006 budget, $98,250 for Report to Congress item added to approved budget

[35] 28 July 2005: Scott Wilson e-mail requests reduction of $43,113.99 from current $275,000 FY98 budget.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Summary Report by Priority List

P/L	No. of Projects	Acres	CSA Executed	Under Const.	Const. Completed	Federal Const. Funds Available	Non/Fed Const. Funds Matching Share	Baseline Estimate	Current Estimate	Obligations To Date	Expenditures To Date
1	14	18,932	14	0	14	$28,084,900	$9,363,199	$39,933,317	$53,326,303	$46,965,703	$43,397,507
2	15	13,252	15	2	12	$28,173,110	$14,077,713	$40,644,134	$85,753,079	$81,013,158	$55,855,022
3	11	12,073	11	0	10	$29,939,100	$8,063,578	$32,879,168	$49,245,645	$42,840,802	$35,602,749
4	4	1,650	4	0	4	$29,957,533	$2,156,434	$10,468,030	$13,228,247	$13,143,002	$12,423,652
5	7	2,106	7	0	6	$33,371,625	$2,411,624	$20,613,884	$22,134,435	$16,354,228	$13,838,994
6	11	9,855	11	0	9	$39,134,000	$5,900,282	$54,614,991	$58,932,497	$34,016,517	$27,528,787
7	4	1,873	4	1	3	$42,540,715	$5,206,580	$21,090,046	$34,710,536	$34,190,782	$26,047,074
8	8	1,529	6	1	4	$41,864,079	$4,029,615	$33,340,587	$26,595,468	$11,980,199	$11,169,704
9	16	3,633	13	4	5	$47,907,300	$11,100,168	$76,010,079	$73,162,350	$61,801,093	$55,556,484
10	12	18,799	9	3	3	$47,659,220	$13,400,948	$82,222,503	$89,339,652	$46,118,207	$19,806,669
11	13	23,818	11	5	2	$57,332,369	$36,625,617	$295,341,250	$244,170,778	$184,716,006	$86,409,836
11.1	1	330	1	0	1	$0	$7,065,116	$19,252,500	$14,130,233	$13,961,936	$13,855,960
12	6	2,769	3	1	1	$51,938,097	$6,864,197	$54,556,296	$45,761,311	$39,523,879	$14,959,493
13	5	1,470	4	1	1	$54,023,130	$7,963,531	$52,913,123	$53,090,209	$26,750,748	$3,069,340
14	4	823	3	0	0	$53,054,752	$2,426,821	$17,967,812	$16,178,805	$14,614,657	$2,474,212
15	3	1,047	2	0	0	$58,059,645	$507,541	$3,374,155	$3,374,155	$1,404,562	$323,049
16	5	1,889	4	0	0	$71,402,872	$1,431,594	$9,543,960	$9,543,960	$6,533,668	$241,164
17	6	1,679	4	0	0	$83,286,685	$1,620,822	$10,805,478	$10,805,478	$7,663,671	$19,850
Active Projects	145	117,527	126	18	75	$797,729,132	$145,065,379	$875,571,313	$903,483,141	$683,592,817	$422,579,547
Deauthorized	26		17	0	2			$86,255,257	$14,799,490	$12,035,673	$11,836,095
Total Projects	171	117,527	143	18	77	$797,729,132	$145,065,379	$961,826,570	$918,282,632	$695,628,490	$434,415,641
Conservation Plan	1		1	0	1	$0	$45,886	$238,871	$191,807	$191,807	$191,807
CRMS - Wetlands	1		1	1	0	$0	$2,728,495	$66,890,300	$18,189,968	$14,396,119	$7,245,652
MCF	1		1	1	0	$0	$225,000	$1,500,000	$1,500,000	$413,950	$413,950
Storm Recovery	1		1	0	0	$0	$45,504	$303,359	$303,359	$205,359	$203,359
Total Construction Program	175	117,527	147	20	78	$797,729,132	$148,110,264	$1,030,759,100	$938,467,766	$710,835,725	$442,470,409
						$945,839,396					

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Summary Report by Priority List

NOTES:

1. Total of 171 projects includes 145 active construction projects, 25 deauthorized projects, 1 transferred project, the CRMS-Wetlands Monitoring project, the Monitoring Contingency Fund, the Storm Recovery Assessment Fund, and the State of Louisiana's Wetlands Conservation Plan.
2. Federal funding for FY09 is estimated to be $79,318,450 for the construction program..
3. Total construction program funds available is $945,839,396 .
4. The current estimate for reconciled, closed-out deauthorized projects is equal to expenditures to date.
5. Current Estimate for the 5th priority list includes authorized funds for FY 96, FY 97 FY 98 and FY 99 for phased projects with multi-year funding.
6. Current Estimate for the 6th priority list includes authorized funds for FY 97, FY 98 and FY 99 for phased projects with multi-year funding.
7. The Task Force approved 8 unfunded projects, totalling $77,492,000 on Priority List 7 (not included in totals).
8. Obligations include expenditures and remaining obligations to date.
9. Non-Federal Construction Funds Available are estimated using cost share percentages as authorized for before and after approval of Conservation Plan.
10. Priority Lists 9 through 17 are funded utilizing cash flow management. Baseline and current esimates for these priority lists reflect only approved, funded estimates. Both baseline and current estimates are revised as funding is approved.
11. The amount shown for the non-federal construction funds available is comprised of 5% minimum cash of current estimate, and the remainder may be WIK and/or cash. The percentage of WIK would influence the total construction funds (cash) available.
12. PPL 11, Maurepas Diversion project, benefits 36,121 acres of swamp. This number is not included in the acre number in this table, beause this acreage is classified differently than acres protected by marsh projects.

CEMVN-PM-C
Last Updated 20 October 2008

STATUS OF CWPPRA CONSTRUCTION FUNDS
Task Force Meeting, 5 November 2008

P/L	Total No. of Projects	Current Estimate (a)	Current Estimate: Approved Estimate (a 1)	Current Estimate: UNApproved Estimate (a 2)	Current Estimate: Funded Estimate (b)	Current Estimate: Unfunded Estimate (c)	Current Unfunded: Approved Estimate (c 1)	Current Unfunded: UNApproved Estimate (c 2)	Expenditures: Inception thru Present (f)	Unexpended Funds (g)	Federal Cost Share of Current Funded Estimate (i)	Non-Federal Cost Share of Current Funded Estimate (j)
0	1	191,807	191,807	0	191,807	0		0	191,807	0	145,921	45,886
CRMS	1	66,890,300	66,890,300	0	18,189,968	48,700,332	48,700,332	0	7,103,536	11,086,432	15,461,473	2,728,495
MCF	1	1,500,000	1,500,000	0	1,500,000	0	0	0	413,950	1,086,050	1,275,000	225,000
SRA	1	303,359	303,359	(0)	303,359	0	0	0	203,359	100,000	257,855	45,504
1	17	53,647,581	53,525,644	121,937	53,525,644	121,937	0	121,937	43,595,906	9,929,737	44,162,445	9,363,199
2	15	86,272,477	85,753,079	519,398	85,753,079	519,398	0	519,398	55,841,039	29,912,040	71,675,366	14,077,713
3	17	52,282,139	50,121,901	2,160,238	50,121,901	2,160,238	0	2,160,238	36,514,515	13,607,387	42,058,323	8,063,578
4	10	14,083,166	14,083,166	0	14,083,166	0	0	0	13,278,572	804,595	11,926,732	2,156,434
5	9	24,116,238	24,116,238	(0)	24,116,238	0	0	0	15,799,494	8,316,743	21,704,614	2,411,624
5.1	1	9,700,000	9,700,000	0	9,700,000	0	0	0	6,893,521	2,806,479	4,850,000	4,850,000
6	13	67,500,837	59,002,818	8,498,019	59,002,818	8,498,019	0	8,498,019	27,559,075	31,443,743	53,102,536	5,900,282
7	4	34,710,536	34,710,536	0	34,710,536	0	0	0	23,561,283	11,149,253	29,503,956	5,206,580
8	10	35,588,477	29,803,746	5,784,731	26,864,097	8,724,380	2,939,649	5,784,731	11,430,230	15,433,867	22,834,483	4,029,615
9	19	245,534,192	102,435,744	143,098,448	74,001,120	171,533,072	28,434,164	143,098,908	55,097,642	18,903,478	62,900,952	11,100,168
10	12	203,884,049	97,567,909	106,316,140	89,339,652	114,544,397	8,228,257	106,316,140	19,366,926	69,972,726	75,938,704	13,400,948
11	13	432,821,049	316,102,079	116,718,970	244,170,778	188,650,271	71,931,301	116,718,970	84,469,506	159,701,272	207,545,161	36,625,617
11.1	1	14,130,233	14,130,233	(0)	14,130,233	0	0	0	13,855,960	274,272	7,065,116	7,065,116
12	6	132,489,552	49,695,286	82,794,266	45,761,311	86,728,241	3,933,975	82,794,266	14,929,396	30,831,915	38,897,114	6,864,197
13	5	96,152,052	53,513,455	42,638,597	53,090,209	43,061,843	423,246	42,638,597	3,049,978	50,040,231	45,126,678	7,963,531
14	4	88,171,470	17,967,812	70,203,658	16,178,805	71,992,665	1,789,007	70,203,658	2,357,351	13,821,454	13,751,984	2,426,821
15	4	46,114,429	3,383,607	42,730,822	3,383,607	42,730,822	0	42,730,822	321,100	3,062,508	2,876,066	507,541
16	5	122,380,023	9,543,960	112,836,063	9,543,960	112,836,063	0	112,836,063	235,136	9,308,824	8,112,366	1,431,594
17	6	72,969,511	10,805,478	62,164,033	10,805,478	62,164,033	0	62,164,033	8,198	10,797,280	9,184,656	1,620,822
Total	175	1,901,433,477	1,104,848,157	796,585,319	938,467,766	962,965,711	166,379,931	796,585,780	436,077,480	502,390,286	790,357,501	148,110,264
check			1,901,433,477		1,901,433,477		962,965,711					

Non Cash Flow	99	379,896,616	362,812,295	17,084,322	359,872,645	20,023,972	2,939,649	17,084,323
Cash Flow	76	1,521,536,860	742,035,863	779,500,997	578,595,121	942,941,739	163,440,282	779,501,457
Total	175	1,901,433,477	1,104,848,157	796,585,319	938,467,766	962,965,711	166,379,931	796,585,780

		Forecast FY09 Fed Funding
		79,318,450
Available Fed Funds (includes FY08 Funding	**797,729,132**	**877,047,582**
N/F Cost Share	**148,110,264**	**148,110,264**
Available N/F Cash	**46,923,388**	**46,923,388**
WIK credit/cash	**101,186,876**	**101,186,876**
Total Available Cash (min)	**844,652,520**	**923,970,970**
Federal Balance	**7,371,631**	**86,690,081**
(Fed Cost Share of Funded Estimate-Avail Fed funds)		
N/F Balance	**0**	**13,997,374**
Total Balance	**7,371,631**	**100,687,454**

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Last Updated 20 October 2008

STATUS OF CWPPRA CONSTRUCTION FUNDS
Task Force Meeting, 5 November 2008

P/L	Total No. of Projects	Current Estimate (a)	Current Estimate: Approved Estimate (a 1)	Current Estimate: UNApproved Estimate (a 2)	Current Estimate: Funded Estimate (b)	Current Estimate: Unfunded Estimate (c)	Current Unfunded: Approved Estimate (c 1)	Current Unfunded: UNApproved Estimate (c 2)	Expenditures: Inception thru Present (f)	Unexpended Funds (g)	Federal Cost Share of Current Funded Estimate (i)	Non-Federal Cost Share of Current Funded Estimate (j)
			[1] Construction Program Future Federal Funding (estimated) 20 June 2008 Forecast									
18		FY09	79,318,450	13,997,374	93,315,824							
19		FY10	82,182,538	14,502,801	96,685,339							
20		FY11	85,241,174	15,042,560	100,283,734							
21		FY12	88,430,694	15,605,417	104,036,111							
22		FY13	91,652,244	16,173,925	107,826,169							
23		FY14	94,915,583	16,749,809	111,665,392							
24		FY15	98,298,800	17,346,847	115,645,647							
25		FY16	101,444,858	17,902,034	119,346,892							
26		FY17	105,109,689	18,548,769	123,658,458							
27		FY18	109,281,117	19,284,903	128,566,020							
28		FY19	113,516,314	20,032,291	133,548,605	Unofficial Estimate (1.037059461 factor applied)						
29		FY20	117,908,464	20,807,376	138,715,840	Unofficial Estimate (1.037059461 factor applied)						
Total			1,167,299,925	205,994,104	1,373,294,029							

Notes:

(1) Estimated FY09 Federal funding for the construction program is $79,318,450

(2) Project total includes 145 active projects, 25 deauthorized projects,1 transferred project, CRMS-Wetlands Project, Monitoring Contingency Fund, Storm Recovery Assessment Fund, and the Conservation Plan.

(3) 25 Deauthorized projects and 1 transferred project to CIAP include:

Fourchon
Bayou LaCache
Dewitt-Rollover
Bayou Perot/Rigolettes
Eden Isles
White's Ditch
Avoca Island
Bayou Boeuf
Grand Bay
Pass-a-Loutre Crevasse
SW Shore/White Lake
Hopper Dredge
Flotant Marsh
Violet F/W Distribution
Red Mud
Compost Demo
Bayou Bienvenue
Upper Oaks
Bayou L'Ours
LA Hwy 1 Marsh Creation
Bayou Lafourche Siphon
Mrytle Grove Siphon
Miss River Intro Into Bayou Lafourche
LaBranche Wetlands
Opportunistic Use of Bonnet Carre
Bayou Lamoque [Transfer]

(4) Includes monitoring estimate increases approved at 23 July 98 Task Force meeting.

(5) Includes O&M revised estimates, dated 1 March 1999.

(6) Expenditures are divided into two categories because of the change in cost share: inception through 30 Nov 97, and 1 Dec 97 through present, and do not reflect all non-Federal WIK credits; costs are being reconciled. Expenditures in both categories continue to be refined as work-in-kind credits are reconciled and finalized.

(7) Non-Federal available funds are unconfirmed; only 5% of local sponsor cost share responsibility must be cash.

(8) Priority Lists 9 through 17 are financed through cash flow management and are funded in two phases. Current estimates reflect only approved, funded estimates.

STATUS OF CWPPRA CONSTRUCTION FUNDS UNDER CASH FLOW MANAGEMENT

Task Force Meeting, 5 November 2008

P/L	Total No. of Projects	Federal Funds Available	Matching Non-Fed Cost Share	Total Funds Available	Ph 1 Current Estimate	Ph 2 Current Estimate	Current Estimate (a)	Current Funded Estimate	Current Unfunded Estimate	Federal Cost Share of Current Estimate (g)	Non-Federal Cost Share of Current Estimate (h)
0	1		45,886				191,807	191,807	0	145,921	45,886
0.1	1		2,728,495	2,728,495		66,890,300	66,890,300	18,189,968	48,700,332	56,856,755	10,033,545
0.2	1		225,000	225,000			1,500,000	1,500,000	0	1,275,000	225,000
0.3	1		45,504	45,504			303,359	303,359	0	257,855	45,504
1	17	28,084,900	9,363,199	37,448,099			53,647,581	53,525,644	121,937	44,266,092	9,381,489
2	15	28,173,110	14,077,713	42,250,823			86,272,477	85,753,079	519,398	72,116,855	14,155,622
3	17	29,939,100	8,063,578	38,002,678			52,282,139	50,121,901	2,160,238	43,894,525	8,387,614
4	10	29,957,533	2,156,434	32,113,967			14,083,166	14,083,166	0	11,926,732	2,156,434
5	9	33,371,625	2,411,624	35,783,249			24,116,238	24,116,238	0	21,704,614	2,411,624
5.1	1	-	4,850,000	4,850,000			9,700,000	9,700,000	0	4,850,000	4,850,000
6	13	39,134,000	5,900,282	45,034,282			67,500,837	59,002,818	8,498,019	60,750,753	6,750,084
7	4	42,540,715	5,206,580	47,747,295			34,710,536	34,710,536	0	29,503,956	5,206,580
8	10	41,864,079	5,338,272	47,202,351			35,588,477	26,864,097	8,724,380	30,250,205	5,338,272
9	19	47,907,300	11,100,457	59,007,757	17,146,560	228,387,632	245,534,192	74,001,120	171,533,072	208,704,063	36,830,129
10	13	47,659,220	13,400,948	61,060,168	17,581,125	186,302,924	203,884,049	89,339,652	114,544,397	173,301,442	30,582,607
11	12	57,332,369	38,160,121	95,492,490	25,082,925	407,738,124	432,821,049	244,170,778	188,650,271	367,897,891	64,923,157
11.1	1		7,065,116	7,065,116		14,130,233	14,130,233	14,130,233	0	5,272,323	8,857,910
12	6	51,938,097	6,863,745	58,801,842	9,436,068	123,053,484	132,489,552	45,761,311	86,728,241	112,616,119	19,873,433
13	5	54,023,130	7,963,531	61,986,661	8,501,914	87,650,138	96,152,052	53,090,209	43,061,843	81,729,244	14,422,808
14	4	53,054,752	2,426,821	55,481,573	7,322,316	80,849,154	88,171,470	16,178,805	71,992,665	74,945,750	13,225,721
15	4	58,059,645	507,541	58,567,186	3,383,607	42,730,822	46,114,429	3,383,607	42,730,822	39,197,265	6,917,164
16	5	71,402,872	1,431,594	72,834,466	8,965,391	113,414,632	122,380,023	9,543,960	112,836,063	104,023,020	18,357,003
17	6	83,286,685	1,620,822	84,907,507	8,177,818	64,791,693	72,969,511	10,805,478	62,164,033	62,024,084	10,945,427
Total	175	797,729,132	150,953,263	948,682,395	105,597,725	1,415,939,135	1,901,433,477	938,467,766	962,965,711	1,607,510,464	293,923,013
Funding vs Total Current Estimate		(809,781,332)	(142,969,751)	(952,751,082)							
Complex Projs	2				9,247,505	125,409,795	134,657,300			114,458,705	20,198,595
Total	177	797,729,132	150,953,263	948,682,395	114,845,230	1,541,348,930	2,036,090,777			1,721,969,169	314,121,608
Funding vs Est w/Complx Projs		(924,240,037)	(163,168,346)	(1,087,408,382)							
PPL 1 thru 17 w/Future Funding	177	1,965,029,057 [1]	356,947,367 [1]	2,321,976,424	114,845,230	1,541,348,930	2,036,090,777			1,721,969,169	314,121,608
Future Funding vs Current Estimat		243,059,888	42,825,759	285,885,647							
Planning Program Funds		145,000,000									
Future Status (Const + Plng)		$388,059,888	$42,825,759	$430,885,647							

STATUS OF CWPPRA CONSTRUCTION FUNDS UNDER CASH FLOW MANAGEMENT

Task Force Meeting, 5 November 2008

P/L	Total No. of Projects	Federal Funds Available	Matching Non-Fed Cost Share	Total Funds Available	Ph 1 Current Estimate	Ph 2 Current Estimate	Current Estimate (a)	Current Funded Estimate	Current Unfunded Estimate	Federal Cost Share of Current Estimate (g)	Non-Federal Cost Share of Current Estimate (h)
		Construction Program									
		[1] Future Federal Funding (estimated)									
		20 June 2008 Forecast									
18	**FY09**	**79,318,450**	**13,997,374**	**93,315,824**							
19	**FY10**	**82,182,538**	**14,502,801**	**96,685,339**							
20	**FY11**	**85,241,174**	**15,042,560**	**100,283,734**							
21	**FY12**	**88,430,694**	**15,605,417**	**104,036,111**							
22	**FY13**	**91,652,244**	**16,173,925**	**107,826,169**							
23	**FY14**	**94,915,583**	**16,749,809**	**111,665,392**							
24	**FY15**	**98,298,800**	**17,346,847**	**115,645,647**							
25	**FY16**	**101,444,858**	**17,902,034**	**119,346,892**							
26	**FY17**	**105,109,689**	**18,548,769**	**123,658,458**							
27	**FY18**	**109,281,117**	**19,284,903**	**128,566,020**							
28	**FY19**	**113,516,314**	**20,032,291**	**133,548,605**	**Unofficial Estimate (1.037059461 factor applied)**						
29	**FY20**	**117,908,464**	**20,807,376**	**138,715,840**	**Unofficial Estimate (1.037059461 factor applied)**						
Total		**1,167,299,925**	**205,994,104**	**1,373,294,029**							

CWPPRA Cash Flow Management

Anticipated Funding Requests by Fiscal Year

Last Updated 20 October 2008

Beginning Federal Balance **$7,371,631**

Proj #	Project Name	Agency	PPL	Ph II Request Forecast	Phase II Approved	Construction Start	Construction Completion	Funding Target	Total Funding Approved	Balance Required	Funding Requirement Feb-08	Oct-08	Jan-09	Jan-10	Jan-11	Jan-12	Future FY's
PO-27	Chandeleur Island Restoration	NMFS	9		11-Jan-00	Jun 01 (A)	Jul 01 (A)	839,928	839,928	(0)							
TE-41	Mandalay Bank Protection Demo	USFWS	9		11-Jan-00	Apr 03 (A)	Sep 03 (A)	1,767,214	1,767,214								
MR-11	Periodic Intro of Sed & Nutrients Demo	COE	9		11-Jan-00	Apr 08	Apr-09	1,502,817	1,502,817								
TE-37	New Cut Dune Restoration	EPA	9		10-Jan-01	Oct 06 (A)	Oct-07	13,158,878	13,107,798	51,080							
CS-30	Perry Ridge West	NRCS	9		10-Jan-01	Nov 01 (A)	Jul 02 (A)	3,696,265	1,774,074	1,922,191							
TE-45	Terrebonne Bay Shore Protection Demo	USFWS	10		10-Jan-01	Apr 07	Sep-07	2,718,767	2,718,768	(1)							
CS-31	Holly Beach	NRCS	11		07-Aug-01	Aug 02 (A)	Mar 03 (A)	14,130,233	14,130,233								
BA-27c(1)	Baratatia Basin Landbridge - Ph 3 CU 3	NRCS	9		16-Jan-02	Oct 03 (A)	May 04 (A)	8,636,747	5,432,158	3,204,589							
LA-03b	Coastwide Nutria	NRCS	11		16-Apr-02	Nov 02 (A)		68,864,870	22,072,193	46,792,677		2,163,527					
BS-11	Delta Management at Fort St. Philip	USFWS	10		07-Aug-02	Jun 06 (A)	Dec 06 (A)	3,183,940	2,080,120	1,103,820							
ME-19	Grand-White Lake Landbridge Protection	USFWS	10		07-Aug-02	Jul 03 (A)	Oct 04 (A)	8,584,334	4,761,907	3,822,427							
TE-44(1)	North Lake Mechant Landbridge Rest - CU 1	USFWS	10		07-Aug-02	Apr 03 (A)	Feb-07	227,382	227,382								
BA-27c(2)	Barataria Basin Landbridge - Ph 3 CU 4	NRCS	9		16-Jan-03	Sep 05 (A)	Feb-07	6,567,873	4,847,071	1,720,802							
TV-18	Four-Mile Canal	NMFS	9		16-Jan-03	Jun 03 (A)	May 04 (A)	3,809,863	2,059,136	1,750,727		24,511					
LA-05	Freshwater Floating Marsh Creation Demo	NRCS	12		16-Jan-03	Jul 04 (A)	Jan-09	1,080,891	1,080,891								
TE-40	Timbalier Island Dune/Marsh Restoration	EPA	9		16-Jan-03	Jun 04 (A)	Nov 07	16,726,000	16,658,575	67,425							
CS-29	Black Bayou Bypass Culverts	NRCS	9		14-Aug-03	May 05 (A)	Jul-07	6,091,675	5,389,358	702,317							
CS-32(1)	East Sabine Lake Hydrologic Rest- CU 1	USFWS/NRCS	10		12-Nov-03	Dec 04 (A)	Jul-08	6,490,751	5,498,431	992,320							
BA-37	Little Lake	NMFS	11		12-Nov-03	Aug 05 (A)	Mar 07 (A)	38,496,395	33,993,845	4,502,550		65,124					
BA-38	Barataria Barrier Island	NMFS	11		28-Jan-04	Mar 06 (A)	Jun-08	67,349,433	65,809,001	1,540,432							
BA-27d	Barataria Basin Landbridge - Ph 4 CU 6	NRCS	11		28-Jan-04	Apr 05 (A)	Apr 06 (A)	21,457,097	16,923,374	4,533,723							
LA-06	Shoreline Prot Foundation Imprvts Demo	COE	13		28-Jan-04	Nov 05 (A)	Aug 06 (A)	1,055,000	1,055,000								
	Barataria Basin Landbridge - Ph 1 & 2 - CU 5	NRCS				Feb 07	Apr-08	9,301,135	7,441,870								
ME-16	Freshwater Intro. South of Hwy 82	USFWS	9		13-Oct-04	Sep 05 (A)	Dec 06 (A)	6,203,110	5,085,146	1,117,964							
TE-44(2)	North Lake Mechant Landbridge Rest - CU 2	USFWS	10		13-Oct-04	Nov 07	Nov-09	38,752,046	36,810,463	1,941,583							
TE-48	Raccoon Island Shoreline Protection - CU 1	NRCS	11		13-Oct-04	Sep 05 (A)	Apr-06	7,797,000	7,614,655	182,345							
ME-22	South White Lake	COE	12		13-Oct-04	Nov 05 (A)	Aug 06 (A)	19,673,929	15,714,411	3,959,518							
TE-22	Point au Fer [O&M]	NMFS						165,000	165,000								
TV-04	Cote Blanche (O&M)	NRCS	3					1,859,116	1,859,116								
TE-39	South Lake DeCade - CU 1 (Phase I Increase)	NRCS	9					175,000	175,000								
PO-30	Lake Borgne Shoreline Protection	EPA	10		8-Feb-06	Aug 07 (A)	Dec-08	25,581,099	25,212,993	368,106							
BA-35	Pass Chaland to Grand Pass	NMFS	11		08-Feb-06	Feb 08	Nov-08	43,945,048	42,977,824	967,224	7,462,596						
TE-46	West Lake Boudreaux SP & MC	USFWS	11		08-Feb-06	Jul 07 (A)	Feb-08	19,585,055	17,895,502	1,689,553							
TE-26	Lake Chapeau [O&M]	NMFS	3					225,869	225,869								
TE-53	Enhancement of Barrier Island Veg Demo	EPA	16		18-Oct-06	Apr 08		919,599	919,599								
BA-36	Dedicated Dredging on Bara Basin LB	USFWS	11		15-Feb-07	Feb 08	Feb-09	15,842,343	15,695,084	147,259							
PO-33	Goose Point	USFWS	13		15-Feb-07	Mar 08	Nov-08	20,867,777	20,720,519	147,258							
ME-21	Grand Lake SP Just Tebo Point	COE	11		15-Feb-07	Nov 07	Jun-08	4,409,519	4,381,643	27,876							
ME-21	Grand Lake SP - O&M Project	COE	11		15-Feb-07			8,382,494	5,667,387	2,715,107							

CWPPRA Cash Flow Management

Anticipated Funding Requests by Fiscal Year

Last Updated 20 October 2008

Beginning Federal Balance **$7,371,631**

Proj #	Project Name	Agency	PPL	Ph II Request Forecast	Phase II Approved	Construction Start	Construction Completion	Funding Target	Total Funding Approved	Balance Required	Funding Requirement Feb-08	Oct-08	Jan-09	Jan-10	Jan-11	Jan-12	Future FY's
	CRMS	USGS/DNR	All		14-Aug-03			66,890,300	18,189,968	48,700,332		7,600,455		2,755,341	2,911,525	2,280,379	
CS-17	Cameron Creole Plugs	USFWS	1					143,277	47,897	95,380		95,380					
ME-04	Freshwater Bayou Wetland Protection	NRCS	2					102,724		102,724		102,724					
ME-13	Freshwater Bayou Bank Stabilization	NRCS	5					38,904		38,904		38,904					
MR-03	West Bay Sediment Divr	COE	1					10,998,550		10,998,550		10,998,550					
STRM	Storm Recovery Contg Fund	USGS						266,277		266,277		266,277					
CS-20	East Mud Lake	NRCS	2					640,831	640,831								
CS-21	Hwy 384	NRCS	2					153,339	153,339								
CS-04a	Cameron-Creole Maintenance [O&M]	NRCS	3					2,778,715	2,778,715								
CS-27	Black Bayou Hydrologic Restoration	NMFS	6					177,867	53,508	124,359		134,223					
BA-39	Bayou Dupont	EPA	12		13-Feb-08	Sep 08	Sep-09	28,881,365	28,606,907	274,458	25,875,686						
TE-48	Raccoon Island Shoreline Protection - CU 2	NRCS	11		13-Feb-08	Aug 08	Jul-09	9,370,020	9,182,101	187,919	9,182,101						
TE-39	South Lake DeCade - CU 1	NRCS	9		13-Feb-08	Aug 08	Jan-09	5,223,806	3,710,627	1,513,179	3,040,016						
BA-41	South Shore of the Pen	NRCS	14		13-Feb-08	Aug-08	Jul-09	11,956,642	10,167,635	1,789,007	8,856,489						
TE-50	Whiskey Island Back Barrier M.C.	EPA	13		13-Feb-08	Aug 08		27,914,086	27,638,098	275,988	24,883,209						
LA-09	Sediment Containment Demo	NRCS	17		13-Feb-08			1,163,343	1,163,343		906,275						
LA-08	Bio-Engineered Oyster Reef Demo	NMFS	17		13-Feb-08			1,981,822	1,981,822		1,721,385						
BA-27c(3)	Barataria Basin Landbridge - Ph 3 CU 7	NRCS	9	Jan-09		Aug 09	Jul-08	31,178,603		31,178,603			25,891,625				
TV-21	East Marsh Island	NRCS	14	Jan-09		Aug-09	Jul-10	16,824,999	1,193,606	15,631,393			4,898,596				
TV-11b	Freshwater Bayou Bank Stab, Belle Isle to Lock	COE	9	Jan-09		Apr 09	Jun-10	38,559,962	1,498,967	37,060,995			33,411,651				
TE-43	GIWW Bank Rest of Critical Areas in Terre	NRCS	10	Jan-09		Aug 09	Jul-10	14,537,386	1,735,983	12,801,403			10,934,322				
PO-32	Lake Borgne & MRGO SP	COE	12	Jan-09		Mar 09	Nov-09	17,248,702	1,348,345	15,900,357			10,934,322				
BA-42	Lake Hermitage	FWS	15	Jan-09		May-09	May-10	32,673,327	1,197,590	31,475,737			31,475,737				
TE-47	Ship Shoal: West Flank Restoration	EPA	11	Jan-09		May 09	Feb-10	51,853,787	3,742,053	48,111,734			47,962,959				
BA-41b	South Shoure of the Pen - CU 2	NRCS	11	Jan-09		Jun 09											
Complex	Central and Eastern Terrebonne (Complex)	USFWS		Jan-09				25,800,000		25,800,000			1,800,000		24,000,000		
TE-49	Avoca Island Divr & Land Building	COE	12	Jan-10		Jul 10	Jun-11	18,823,322	2,229,876	16,593,446				14,970,661			
TV-20	Bayou Sale	NRCS	13	Jan-10		Aug 10	Jul-11	32,103,020	2,254,912	29,848,108				29,848,108			
MR-13	Benneys Bay Sediment Diversion	COE	10	Jan-10		Mar 10	Nov-11	30,297,105	1,076,328	29,220,777				21,564,804			
BS-10	Delta Bldg Divr North of Fort St. Philip	COE	10	Jan-10		Dec 10		6,297,286	1,444,000	4,853,286				4,898,596			
ME-17	Little Pecan Bayou	NRCS	9	Jan-10		Aug 10	Jul-11	14,597,263	1,556,598	13,040,665				3,947,458			
MR-12	Mississippi River Sediment Trap	COE	11	Jan-10		Aug 10	Mar-11	52,180,839	1,880,376	50,300,463				50,308,586			
PO-29	River Reintroduction Into Maurepas	EPA	11	Jan-10		Jun-10	Dec-13	57,815,647	6,780,307	51,035,340				49,235,895			
ME-18	Rockefellar Refuge - CU 2	NMFS	10	Jan-10		Jun 10	Dec-11	40,374,855		40,374,855				40,374,855			
BA-34	Small Freshwater Divr to NW Bara Basin	EPA	10	Jan-10		May 10	May-12	13,803,361	2,362,687	11,440,674				9,531,492			
ME-20	South Grand Cheniere Hydrologic Rest	USFWS	11	Jan-10		Jun 10	Mar-11	19,930,316	2,358,420	17,571,896				16,892,751			
ME-23	South Pecan Island	NMFS	15	Jan-10				4,438,695	1,102,043	3,336,652							
MR-14	Spanish Pass	COE	13	Jan-10		Jun 2010		14,212,169	1,421,680	12,790,489				11,141,705			
BS-12	White Ditch Resurrection	NRCS	14	Jan-10		Aug-10	Jul-11	14,845,192	1,595,676	13,249,516				13,249,516			
ME-24	Southwest LA Gulf Shoreline	COE	16	Jan-11		Jul 11	Jul-12	36,922,487	1,266,842	35,655,645					15,113,751		
BA-47	West Pointe a la Hache	NRCS	17	Jan-11		Sep-11		16,136,639	1,620,740	14,515,899							

CWPPRA Cash Flow Management

Anticipated Funding Requests by Fiscal Year

Last Updated 20 October 2008

Beginning Federal Balance **$7,371,631**

Proj #	Project Name	Agency	PPL	Ph II Request Forecast	Phase II Approved	Construction Start	Construction Completion	Funding Target	Total Funding Approved	Balance Required	Funding Requirement Feb-08	Oct-08	Jan-09	Jan-10	Jan-11	Jan-12	Future FY's
BA-40	Riverine Sand Mining/Scofield	NMFS	14	Unscheduled				44,544,636	3,221,887	41,322,749							
TV-19	Weeks Bay/Commercial Canal/GIWW	COE	9	Unscheduled				30,027,305	1,229,337	28,797,968							
CS-28-4	Sabine Refuge Marsh Creation-Cycle 4	COE	8	Unscheduled													
CS-28-5	Sabine Refuge Marsh Creation-Cycle 5	COE	8	Unscheduled													
MR-15	Venice Ponds	EPA	15	Unscheduled				8,992,955	1,074,522	7,918,433							
PO-34	Alligator Bend	COE/NRCS	16	Unscheduled				19,620,813	1,660,985	17,959,828							
TE-51	Madison Bay	NMFS	16	Unscheduled				32,353,377	3,002,171	29,351,206							
TE-52	West Belle Pass Barrier Headland	NNFS	16	Unscheduled				32,563,748	2,694,364	29,869,384							
BA-48	Bayou Dupont Ridge	NMFS	17	Unscheduled				21,626,767	2,013,881	19,612,886							
BS-15	Bohemia Mississippi River Reintroduction	EPA	17	Unscheduled				6,923,792	1,359,699	5,564,093							
BS-16	Caernarvon Outfall Mgmt/Lake Lery	FWS	17	Unscheduled				25,137,148	2,665,993	22,471,155							
BA-47	West Pointe a la Hache	NRCS	17	Unscheduled				16,136,639	1,620,740	14,515,899							
Complex	Fort Jackson Sediment Diversion (Complex)	COE		Unscheduled				108,857,300		108,857,300							
BA-29	Marsh Creation South of Leeville	EPA	9	Deauthorized				343,551	343,551								
PO-26	Opportunistic Use of Bonnet Carre Spillway	COE	9	Deauthorized				188,383	188,383								
BA-33	Delta Bldg Divr at Myrtle Grove **[WRDA FUNDING**	COE	10	Potential Deauth				3,002,114	3,002,114								
AT-04	Castille Pass Sediment Delivery	NMFS	9	Potential Deauth				1,846,326	1,846,326								18,478,789
BA-30	East Grand Terre	NMFS	9	Potential Trans				2,312,023	2,312,023								
PO-28	LaBranche Wetlands	NMFS	9	Deauthorized				306,836	306,836								
	Phase II Increment 1 Funding Requirement										74,465,161		165,509,212	265,964,427	15,113,751		
	Phase II Long Term O&M, Monitoring and COE Admin											2,253,162					18,478,789
	CRMS Funding											7,600,455		2,755,341	2,911,525	2,280,379	
	Complex Projects Requesting Phase I Funding												1,800,000		24,000,000		
	Complex Projects Requesting Phase II Funding																
	Yearly PPL Phase I Project Funding (estimated)												9,000,000	9,000,000	9,000,000	9,000,000	63,000,000
	Projects Requesting Funds (Needing T.F. Approval)											11,636,058					
	Total Funding Requested										74,465,161	21,489,675	176,309,212	277,719,768	51,025,276	11,280,379	81,478,789
	Total Federal Funding into the Program (June 2008 data)											79,318,450		82,182,538	85,241,174	88,430,694	832,127,069
	Total non-Federal Funding into Program											3,223,451	26,446,382	41,657,965	7,653,791	1,692,057	12,221,818
	REMAINING BALANCE											**68,423,857**	**(81,438,973)**	**(235,318,238)**	**(193,448,548)**	**(114,606,177)**	**648,263,922**

Projects on Priority Lists 1 thru 8 That Do Not Have Construction Approval as of 5 November 2008

PPL	Project	Lead Agency	Unexpended Funds	Construction Start	Status
2	Brown Lake	NRCS	$3,061,549	Jun-09	Ongoing
3	West Point a la Hache	NRCS	$3,540,699	Unsched	Ongoing
5	Grand Bayou	FWS	$6,839,692	Unsched	Prposed for deauthorization
6	Lake Boudreaux	USFWS	$9,401,981	Jun-10	Ongoing
6	Penchant	NRCS	$12,697,053	Feb-09	Ongoing
5		Total	$35,540,974		

Construction Start/Completion Schedule
Construction Estimate/Obligations/Expenditures

Construction Start FY	Ph I Appr / Ph II Appr	Construction Start Date	Construction Compl Date	Agency	PL	Acres	Project	Construction Estimate	Construction Obligations	Construction Expenditures
FY2009	16-Jan-2002 A 15-Feb-2007 A	01-Nov-2008	01-Jun-2009	COE	11	530	Grand Lake Shoreline Protection, Tebo Point	$2,700,000.00	$0.00	$0.00
FY2009	16-Jan-2003 A 13-Feb-2008 A	01-Jan-2009	01-Jan-2010	EPA	12	326	Bayou Dupont Sediment Delivery System	$24,797,212.00	$21,077,630.00	$0.00
FY2009		01-Feb-2009	01-Feb-2010	NRCS	6	675	Penchant Basin Natural Resources Plan, Increment 1	$9,723,048.00	$0.00	$0.00
FY2009	11-Jan-2000 A 13-Feb-2008 A	01-Feb-2009	01-Apr-2009	NRCS	9	201	South Lake Decade Freshwater Introduction	$2,388,910.00	$0.00	$0.00
FY2009	28-Jan-2004 A 13-Feb-2008 A	01-Feb-2009		EPA	13	272	Whiskey Island Back Barrier Marsh Creation	$23,983,074.00	$20,385,611.00	$0.00
FY2009	27-Jul-2005 A 13-Feb-2008 A	01-Feb-2009	01-Feb-2010	NRCS	14	211	South Shore of the Pen Shoreline Protection and Marsh Creation	$5,893,868.00	$5,893,871.00	$0.00
FY2009	16-Jan-2003 A 21-Jan-2009	30-Mar-2009	30-Nov-2009	COE	12	266	Lake Borgne and MRGO Shoreline Protection	$0.00	$0.00	$0.00
FY2009	11-Jan-2000 A 21-Jan-2009	01-Apr-2009	30-Jun-2010	COE	9	241	Freshwater Bayou Bank Stabilization - Belle Isle Canal to Lock	$0.00	$0.00	$0.00
FY2009		15-Apr-2009	15-Jul-2010	COE	8	261	Sabine Refuge Marsh Creation, Cycle 2	$11,678,813.00	$256,000.00	$256,000.00
FY2009	16-Jan-2002 A 21-Jan-2009	01-May-2009	01-Feb-2010	EPA	11	195	Ship Shoal: Whiskey West Flank Restoration	$0.00	$0.00	$0.00

Construction Start/Completion Schedule
Construction Estimate/Obligations/Expenditures

Construction Start FY	Ph I Appr / Ph II Appr	Construction Start Date	Construction Compl Date	Agency	PL	Acres	Project	Construction Estimate	Construction Obligations	Construction Expenditures
FY2009	08-Feb-2006 A 21-Jan-2009	01-May-2009	01-May-2010	FWS	15	438	Lake Hermitage Marsh Creation	$0.00	$0.00	$0.00
FY2009		01-Jun-2009	30-May-2010	NRCS	2	162	Brown Lake Hydrologic Restoration	$1,963,099.00	$0.00	$0.00
FY2009	18-Oct-2006 A 18-Oct-2006 A	15-Jun-2009		EPA	16	0	Enhancement of Barrier Island Vegetation Demo [DEMO]	$337,638.00	$286,992.00	$0.00
FY2009	10-Jan-2001 A 21-Jan-2009	01-Jul-2009	01-Jun-2010	NRCS	10	366	GIWW Bank Restoration of Critical Areas in Terrebonne	$0.00	$0.00	$0.00
FY2009	10-Jan-2001 A	15-Jul-2009	01-Feb-2010	NMFS	10	920	Rockefeller Refuge Gulf Shoreline Stabilization	$0.00	$0.00	$0.00
FY2009	17-Feb-2005 A 21-Jan-2009	01-Aug-2009	01-Jul-2010	EPA	14	189	East Marsh Island Marsh Creation	$0.00	$0.00	$0.00
				FY Total		5,253		$83,465,662.00	$47,900,104.00	$256,000.00

Construction Start/Completion Schedule
Construction Estimate/Obligations/Expenditures

Construction Start FY	Ph I Appr / Ph II Appr		Construction Start Date	Construction Compl Date	Agency	PL	Acres	Project	Construction Estimate	Construction Obligations	Construction Expenditures
FY2010	10-Jan-2001 20-Jan-2010	A	01-Mar-2010	01-Nov-2011	COE	10	5706	Benneys Bay Diversion	$0.00	$0.00	$0.00
FY2010	10-Jan-2001 20-Jan-2010	A	13-May-2010	13-May-2012	EPA	10	941	Small Freshwater Diversion to the Northwestern Barataria Basin	$0.00	$0.00	$0.00
FY2010			01-Jun-2010	30-Jun-2012	FWS	6	416	Lake Boudreaux Freshwater Introduction	$5,453,945.00	$0.00	$0.00
FY2010	16-Jan-2002 20-Jan-2010	A	01-Jun-2010	01-Jun-2011	FWS	11	440	South Grand Chenier Hydrologic Restoration	$0.00	$0.00	$0.00
FY2010	11-Jan-2000 20-Jan-2010	A	01-Jul-2010	01-Jun-2011	NRCS	9	56	Little Pecan Bayou Hydrologic Restoration	$0.00	$0.00	$0.00
FY2010	28-Jan-2004 20-Jan-2010	A	01-Jul-2010	01-Jun-2011	NRCS	13	329	Bayou Sale Shoreline Protection	$0.00	$0.00	$0.00
FY2010	17-Feb-2005 20-Jan-2010	A	01-Jul-2010	01-Jun-2011	NRCS	14	189	White Ditch Resurrection	$0.00	$0.00	$0.00
FY2010	18-Oct-2006 20-Jan-2010	A	01-Jul-2010	01-Jun-2011	NRCS	16	330	Alligator Bend Marsh Restoration and Shoreline Protection	$0.00	$0.00	$0.00
FY2010	16-Jan-2003 20-Jan-2010	A	15-Jul-2010	15-Jul-2011	COE	12	143	Avoca Island Diversion and Land Building	$0.00	$0.00	$0.00
FY2010	07-Aug-2002 20-Jan-2010	A	01-Aug-2010	01-Mar-2011	COE	12	1190	Mississippi River Sediment Trap	$0.00	$0.00	$0.00
					FY Total		9,740		$5,453,945.00	$0.00	$0.00

Construction Start/Completion Schedule
Construction Estimate/Obligations/Expenditures

Construction Start FY	Ph I Appr / Ph II Appr		Construction Start Date	Construction Compl Date	Agency	PL	Acres	Project	Construction Estimate	Construction Obligations	Construction Expenditures
FY2011	07-Aug-2001 20-Jan-2010	A	12-Oct-2010	19-Jun-2013	EPA	11	5438	River Reintroduction into Maurepas Swamp	$0.00	$0.00	$0.00
FY2011	10-Jan-2001 20-Jan-2010	A	01-Dec-2010		COE	10	501	Delta Building Diversion North of Fort St. Philip	$0.00	$0.00	$0.00
FY2011	28-Jan-2004 20-Jan-2010	A	01-Jun-2011		COE	13	433	Spanish Pass Diversion	$0.00	$0.00	$0.00
FY2011	18-Oct-2006 20-Jan-2011	A	01-Jul-2011	08-Jul-2012	COE	16	888	Southwest LA Gulf Shoreline Nourishment and Protection	$0.00	$0.00	$0.00
FY2011	25-Oct-2007 20-Jan-2011	A	01-Sep-2011	01-Sep-2012	NRCS	17	203	West Pointe a la Hache Marsh Creation	$0.00	$0.00	$0.00
					FY Total		7,463		$0.00	$0.00	$0.00

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

PROJECT STATUS SUMMARY REPORT

19 October 2008

Summary report on the status of CWPPRA projects prepared for the Louisiana Coastal Wetlands Conservation and Restoration Task Force.

Reports enclosed:

Project Details by Lead Agency

Project Summary by Basin

Project Summary by Priority List

Information based on data furnished by the Federal Lead Agencies and collected by the Corps of Engineers

Prepared by:

Planning, Programs and Project Management Division
Coastal Restoration Branch
U.S. Army Corps of Engineers
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COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE ARMY (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Lead Agency: DEPT. OF THE ARMY, CORPS OF ENGINEERS										
Priority List 1										
Barataria Bay Waterway Wetland Creation	BARA	JEFF	445	24-Apr-1995 A	22-Jul-1996 A	15-Oct-1996 A	$1,759,257	$1,172,896	66.7	$1,172,896 $1,172,896
	Status:	The enlargement of Queen Bess Island was incorporated into the project and the construction of a 9-acre cell was completed in October 1996, at a cost of $945,678. Remaining funds may be used to clear marsh creation sites of oyster leases. If oyster-related conflicts are removed from the remaining marsh creation sites, these areas will be incorporated into the Corp's O&M disposal plan for the next three maintenance cycles. The USACE, LADNR, and LDWF are currently pursuing an administrative process to identify and prioritize beneficial use sites along the BBWW. Additional monitoring of the Queen Bess site was discontinued in 2002 on the recommendation of the local sponsor and monitoring team.								
Bayou Labranche Wetland Creation	PONT	STCHA	203	17-Apr-1993 A	06-Jan-1994 A	07-Apr-1994 A	$4,461,301	$3,817,929	85.6	$3,850,699 $3,777,952
	Status:	Contract awarded to T. L. James Co. (Dredge "Tom James") for dredging approximately 2,500,000 cy of Lake Pontchartrain sediments and placing in marsh creation area. Contract final inspection was performed on April 7, 1994. Site visit by Task Force took place on April 13, 1994. The project is being monitored.								
Lake Salvador Shoreline Protection at Jean Lafitte NHP&P	BARA	JEFF		29-Oct-1996 A	01-Jun-1995 A	21-Mar-1996 A	$60,000	$58,753	97.9	$58,753 $58,753
	Status:	This project was added to Priority List 1 at the March 1995 Task Force meeting. The Task Force approved the expenditure of up to $45,000 in Federal funds and non-Federal funds of $15,000 (25%) for the design of the project. A design review meeting was held with Jean Lafitte Park personnel in May 1996 to resolve design comments prior to advertisement for the construction contract. The contract was awarded December 4, 1996 for $610,000 to Bertucci Contracting Corp. The contract was completed in March 1997. Complete. This project was design only.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE ARMY (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Vermilion River Cutoff Bank Protection	TECHE	VERMI	65	17-Apr-1993 A	10-Jan-1996 A	11-Feb-1996 A	$1,526,000	$2,022,987	132.6 !	$2,026,438 $1,996,012

Status: The project was modified by moving the dike from the west to the east bank of the cutoff to better protect the wetlands. The need for the sediment retention fence on the west bank is still undetermined.
The Task Force approved a revised project estimate of $2,500,000; however, current estimate is less.

The Task Force approved a revised project estimate of $2,500,000; however, current estimate is less.

Condemnation of real estate easements was required because of unclear ownership titles and significantly lengthened the project schedule. Construction was completed in February 1996.

Complete.

West Bay Sediment Diversion	DELTA	PLAQ	9,831	29-Aug-2002 A	10-Sep-2003 A	28-Nov-2003 A	$8,517,066	$22,312,761	262.0 !	$16,205,768 $15,337,146

Status: Flow measurements taken in May 2008 recorded a discharge of 51,270 cubic feet per second of Mississippi River water through the project diversion channel. Since constructed in 2003 the diversion project discharge has averaged 19,188 cfs. Initial construction of the project was designed to allow the discharge of 20,000 cfs at the 50% exceedence stage. Discharge measurements are taken roughly monthly using an accoustic doppler profiler as part of project surveillance and performance monitoring. At this point there is no evidence in the project area of marsh accretion from the deposition of diverted river sediment.

In 2006 the USACE performed maintenance dredging in the Pilottown Anchorage Area to remove induced shoal material in accordance with the project operations plan. Material from the dredging work was used benefcially for marsh creation in West Bay. The dredging event was performed using a hopper dredge linked to a pump out system - a first of its kind use of this technology in Louisiana wetlands restoration. To date approximately 225 acres of marsh have been created through the beneficial use of dredged material from the channel construction and maintaining the anchorage area.

Project construction began in September 2003 and construction was completed in November 2003. An advertisement for construction of the project opened 08 July 2003 and bids were opened on 11 August 2003. Chevron-Texaco relocated a major oil pipeline in May 2003 under a reimbursable construction agreement. A real estate plan for the project was completed in October 2002 and execution of the plan will be completed in July 2003. The project Cost Sharing Agreement was signed August 29, 2002. A 95% design review was held May 17, 2002. A Record of Decision finalizing the EIS was signed on March 18, 2002. The Task Force, by fax vote, approved a revised project description and reauthorized the project to comply with CWPPRA Section 3952 in April 2002. At the January 10, 2001 Task Force meeting, approval was granted to proceed with the project at the current price of $22 million due to the increased costs of maintaining the anchorage area. A VE study on the project was undertaken in August 2000.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE ARMY (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		1	10,544				$16,323,624	$29,385,325	180.0	$23,314,554 $22,342,759

5 Project(s)
5 Cost Sharing Agreements Executed
5 Construction Started
5 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 2

Clear Marais Bank Protection	CA/SB	CALCA	1,067	29-Apr-1996 A	29-Aug-1996 A	03-Mar-1997 A	$1,741,310	$3,696,088	212.3 !	$3,573,339 $2,917,259

Status: The original construction estimate was low, based on the proposed plan in that the rock quantity estimate was less than half of the quantity needed (based on the original design), and the estimate did not include a floatation channel needed for construction. This accounts for most of the cost increase shown. The current estimate is based on the original rock dike design and costs about $89/foot.

Complete.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE ARMY (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
West Belle Pass Headland Restoration	TERRE	LAFOU	474	27-Dec-1996 A	10-Feb-1998 A	30-Sep-2007 *	$4,854,102	$6,751,441	139.1 !	$6,689,434 $6,597,602
	Status:	Status: Original project construction completed July 1998. Supplemental disposal for wetland creation anticipated September 2006.								
		Problems: Construction of the original project started in February 1998, and pumping of dredged material into the project area for wetland creation began in May 1998. Project area conditions were sub-optimal at the time of disposal due to unforeseen weather patterns. In 1998, the area experienced frequent storm activity with sustained winds, high-energy waves, and large amounts of rainfall. Southerly winds heightened tides and raised water levels in the project area to such an extent that dewatering of the dredged material was greatly inhibited. Slurry heights were difficult to determine and therefore, estimates of the amount and height of the material placed in the project area were uncertain at best. In addition, winds from the west battered the project area making the integrity of dike between Timbalier Bay and Bay Toulouse extremely difficult to maintain. The material for the dike had to be layered in geotextile to hold it together and, shortly after disposal was discontinued, the dike breached from the high water and waves affecting the project area. As a result, once the project's disposal areas dewatered and settled shallow open water still remained in much of the project area where emergent wetlands were anticipated. Therefore, with the 2006 scheduled maintenance of the inland portion of Bayou Lafourche and Belle Pass upcoming, CEMVN plans to once again deposit maintenance material from these channels into the West Belle Pass project area in an effort to complete the wetland restoration anticipated under the original project.								
		All the dredged material containment features and rock protection of the project were constructed during the original construction. However, refurbishment of the westernmost retainment dike and reconstruction of the closure between Timberlier Bay and Bay Toulouse would be necessary to achieve a second disposal into the project area.								
		Restoration Strategy: Dredged material from Bayou Lafourche and Belle Pass would be deposited in the bays and canals of the project area to an elevation between +3.5 to +4.0 feet (ft) MLG, so that the settled elevation would be approximately the same as nearby healthy marsh, which occurs between +2.0 and +2.5 ft MLG.								
		Progress to Date: Supplemental Environmental Assessment # 271B is currently out on public review. Construction of the project is anticipated to begin in mid September.								
Total Priority List		2	1,541				$6,595,412	$10,447,529	158.4	$10,262,773 $9,514,861

2 Project(s)
2 Cost Sharing Agreements Executed
2 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE ARMY (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Priority List 3										
Channel Armor Gap Crevasse	DELTA	PLAQ	936	13-Jan-1997 A	22-Sep-1997 A	02-Nov-1997 A	$808,397	$888,985	110.0	$858,108 $700,936
	Status:	Cost increase was due to additional project management costs, by both Federal and Local Sponsor. Surveys identified a pipeline in the crevasse area which would be negatively impacted by the project. US Fish & Wildlife Service reviewed their permit for the pipeline and determined that Shell Pipeline was required to lower it at their own cost. USFWS requested a modification to the alignment on USFWS-owned lands. Construction complete.								
MRGO Disposal Area Marsh Protection	PONT	STBER	755	17-Jan-1997 A	25-Jan-1999 A	29-Jan-1999 A	$512,198	$313,145	61.1	$313,145 $313,145
	Status:	Completed scope of work greatly reduced. Work was to be performed via a simplified acquisition contract as estimated construction cost is under $100,000. Bids received were higher than Government estimate by 25%. Subsequently received an in-house labor estimate from Vicksburg District. Vicksburg District completed construction on 29 January 1999. Cost increase was due to additional project management costs, environmental investigations and local sponsor activities not included in the baseline estimate. Further title research indicates that private ownership titles are unclear, requiring condemnation. This accounts for the long period between CSA execution and project construction.								
Pass-a-Loutre Crevasse [DEAUTHORIZED]	DELTA	PLAQ					$2,857,790	$119,835	4.2	$119,835 $119,835
	Status:	Two pipelines and two power poles are in the area of the crevasse, increasing relocation costs by approximately $2.15 million. LA DNR asked that the Corps investigate alternative locations to avoid or minimize impacts to the pipelines, but there are no more suitable locations for the cut. The Corps has also reviewed the design to determine whether relocations cost-savings could be achieved. Reducing the bottom width of the crevasse from 430 feet as originally proposed to 200 feet reduced the relocation cost only marginally. A draft memorandum dated December 5, 1997 was sent to the CWPPRA Technical Committee Chairman requesting the Task Force to deauthorize the project. COE requested deauthorization at the January 16, 1998 Task Force meeting. Task Force formally deauthorized project July 23, 1998.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE ARMY (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		3	1,691				$4,178,385	$1,321,965	31.6	$1,291,088 $1,133,916

3 Project(s)
2 Cost Sharing Agreements Executed
2 Construction Started
2 Construction Completed
1 Project(s) Deferred/Deauthorized

Priority List 4

Beneficial Use of Hopper Dredge Material Demonstration (DEMO) [DEAUTHORIZED]	DELTA	PLAQ		30-Jun-1997 A			$300,000	$58,310	19.4	$58,310 $58,310

Status: Current scheme was found to be non-implementable due to inability of the hopper dredge to get close enough to the disposal area to spray over the bank of the Mississippi River.

Project deauthorized October 4, 2000.

Grand Bay Crevasse [DEAUTHORIZED]	BRET	PLAQ					$2,468,908	$65,747	2.7	$65,747 $65,747

Status: The major landowner has indicated non-support of the project and has withheld ROE because of concern about sedimentation negatively impacting oil and gas interests within the deposition area.

A draft memorandum dated December 5, 1997 was sent to the CWPPRA Technical Committee Chairman requesting the Task Force to deauthorize the project. COE requested deauthorization at the January 16, 1998 Task Force meeting. Project deauthorized July 23, 1998.

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		4					$2,768,908	$124,057	4.5	$124,057 $124,057

2 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
2 Project(s) Deferred/Deauthorized

Priority List 5

Bayou Chevee Shoreline Protection	PONT	ORL	75	01-Feb-2001 A	25-Aug-2001 A	17-Dec-2001 A	$2,555,029	$2,589,403	101.3	$2,558,786 $2,292,047

Status: Approval of model CSA for PPL 5, 6, and 8 projects granted on November 13, 2000. Construction began August 2001 and completed December 2001.

Revised project consisted of constructing a 2,870-foot rock dike across the mouth of the north cove and a 2,820-foot rock dike tying into and extending an existing USFWS rock dike, across the south cove. Approximately 75 acres of brackish marsh will be protected by the project.

Total Priority List		5	75				$2,555,029	$2,589,403	101.3	$2,558,786 $2,292,047

1 Project(s)
1 Cost Sharing Agreements Executed
1 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 6

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE ARMY (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Flexible Dustpan Demo at Head of Passes (DEMO)	DELTA	PLAQ	0	31-May-2002 A	03-Jun-2002 A	21-Jun-2002 A	$1,600,000	$1,909,020	119.3	$1,907,634 $1,894,695
	Status:	CSA executed May 31, 2002. Construction completed June 21, 2002. The Dustpan/Cutterhead Marsh Creation Demonstration project as originally approved, no longer involves the use of a cutterhead dredge. At the October 25, 2001 Task Force meeting, it was approved the motion to use the authorized funds for a "flexible dustpan" demonstration project and approved changing the name of the project to "Flexible Dustpan Demo at Head of Passes". The project was completed as an operations and maintenance task order through an ERDC research and development IDC contract. The project identified some minor areas of concern with regard to the dredge plants effectiveness as a maintenance tool. The dredge was effective in its performance for the beneficial placement of material. The final surveys and quantities have not yet been reported.								
Marsh Creation East of the Atchafalaya River-Avoca Island [DEAUTHORIZED]	TERRE	STMRY					$6,438,400	$66,869	1.0	$66,869 $66,869
	Status:	A draft memorandum dated December 5, 1997 was sent to the Technical Committee Chairman requesting the Task Force to deauthorize the project. COE requested deauthorization at the January 16, 1998 Task Force meeting. Project deauthorized July 23, 1998.								
Marsh Island Hydrologic Restoration	TECHE	IBERI	408	01-Feb-2001 A	25-Jul-2001 A	12-Dec-2001 A	$4,094,900	$5,143,323	125.6 !	$5,064,828 $4,366,414
	Status:	Approval of model CSA for PPL 5, 6 and 8 projects granted on November 13, 2000. CSA executed on February 1, 2001. Advertised as 100% small business set-aside. Construction began July 2001 and completed December 2001. Revised design of closures from earthen to rock because soil borings indicate highly organic material in borrow area.								
Total Priority List		6	408				$12,133,300	$7,119,212	58.7	$7,039,331 $6,327,978

3 Project(s)
2 Cost Sharing Agreements Executed
2 Construction Started
2 Construction Completed
1 Project(s) Deferred/Deauthorized

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Priority List 8										
Sabine Refuge Marsh Creation, Cycle 1	CA/SB	CAMER	214	09-Mar-2001 A	15-Aug-2001 A	26-Feb-2002 A	$15,724,965	$3,421,671	21.8	$3,421,671 $3,421,671

Status: This project was approved by the Task Force as a part of Priority Project List 8. The project consists of constructing 5 marsh creation sites within the Sabine National Wildlife Refuge using material dredged out of the Calcasieu River Ship Channel. The current estimated project cost to construct all cycles is approximately $21.4 million.

The first cycle was completed on February 26, 2002. The total project cost for dredging cycle 1 was $3,412,415. The project was advertised for bid as a component of the Calcasieu River and Pass Maintenance Dredging contract on February 16, 2001. Construction initiation was advanced in conjunction with an accelerated maintenance dredging schedule for the Calcasieu River.

On January 28, 2004 the CWPPRA Task Force provided additional funding and construction approval for Cycles 2 and 3. Cycle 2 is currently scheduled to be constructed in 2005. Cycle 3 would be constructed in 2006.

Sabine Refuge Marsh Creation, Cycle 2	CA/SB	CAMER	261	17-Feb-2005 A	15-Apr-2009	15-Jul-2010	$9,266,842	$13,643,904	147.2 !	$1,473,909 $1,493,166

Status: This project was approved by the Task Force as a part of Priority Project List 8. The project consists of constructing 5 marsh creation sites within the Sabine National Wildlife Refuge using material dredged out of the Calcasieu River Ship Channel. The current estimated project cost to construct all cycles is approximately $21.4 million.

The first cycle was completed on February 26, 2002. The total project cost for dredging cycle 1 was $3,412,415. The project was advertised for bid as a component of the Calcasieu River and Pass Maintenance Dredging contract on February 16, 2001. Construction initiation was advanced in conjunction with an accelerated maintenance dredging schedule for the Calcasieu River.

On January 28, 2004, the CWPPRA Task Force provided additional funding and construction approval for Cycles 2 and 3. Cycle 2 is currently scheduled to be constructed at the beginning of 2008. Acquisition of the land rights required for the pipeline corridor is underway. The placement of dredged material in Cycle 3 is completed, and upon settlement, the dikes will be degraded to mimic natural hydrologic conditions. Upon completion of Cycle 2, the COE and DNR will ask the Task Force for construction approval for Cycles 4 and 5.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Sabine Refuge Marsh Creation, Cycle 3	CA/SB	CAMER	187	28-Mar-2005 A	25-Oct-2006 A	01-Oct-2008 *	$3,629,333	$4,536,666	125.0	$2,657,959 $2,650,650

Status: This project was approved by the Task Force as a part of Priority Project List 8. The project consists of constructing 5 marsh creation sites within the Sabine National Wildlife Refuge using material dredged out of the Calcasieu River Ship Channel. The current estimated project cost to construct all cycles is approximately $21.4 million.

The first cycle was completed on February 26, 2002. The total project cost for dredging cycle 1 was $3,412,415. The project was advertised for bid as a component of the Calcasieu River and Pass Maintenance Dredging contract on February 16, 2001. Construction initiation was advanced in conjunction with an accelerated maintenance dredging schedule for the Calcasieu River.

On January 28, 2004, the CWPPRA Task Force provided additional funding and construction approval for Cycles 2 and 3. Cycle 2 is currently scheduled to be constructed at the beginning of 2008. Cycle 3 consists of the creation of 232 acres of marsh platform using material dredged from the Calcasieu River Ship Channel. Between February 12 and March 31, 2007, 828,767 cubic yards of dredged sediment material were placed into the Sabine Refuge Cycle 3 marsh creation area. Lower level earthen overflow weirs were constructed to assist in the dewatering of the marsh creation disposal area and to create fringe marsh with the overflow. The dredged slurry has been placed between elevations 2.03 NAVD 88 and 2.71 NAVD 88. Construction of low level weirs and breaching of the retention dikes surrounding Cycle 3 will allow 10 to 20 percent of the dredged material to splay into the surrounding area.

Upon completion of Cycle 2, the COE and DNR will ask the Task Force for construction approval for Cycles 4 and 5.

Sabine Refuge Marsh Creation, Cycle 4	CA/SB	CAMER	163				$0	$0	#Num! #	$0 $0

Status: This project was approved by the Task Force as a part of Priority Project List 8. The project consists of constructing 5 marsh creation sites within the Sabine National Wildlife Refuge using material dredged out of the Calcasieu River Ship Channel. The current estimated project cost to construct all cycles is approximately $21.4 million.

The first cycle was completed on February 26, 2002. The total project cost for dredging cycle 1 was $3,412,415. The project was advertised for bid as a component of the Calcasieu River and Pass Maintenance Dredging contract on February 16, 2001. Construction initiation was advanced in conjunction with an accelerated maintenance dredging schedule for the Calcasieu River.

On January 28, 2004, the CWPPRA Task Force provided additional funding and construction approval for Cycles 2 and 3. Cycle 2 is scheduled for constructed at the beginning of 2008. Cycle 3 is currently under construction. Upon completion of Cycle 2, the COE and LDNR will ask the Task Force for construction approval for Cycles 4 and 5.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Sabine Refuge Marsh Creation, Cycle 5	CA/SB	CAMER	168				$0	$0	#Num! #	$0 $0

Status: This project was approved by the Task Force as a part of Priority Project List 8. The project consists of constructing 5 marsh creation sites within the Sabine National Wildlife Refuge using material dredged out of the Calcasieu River Ship Channel. The current estimated project cost to construct all cycles is approximately $21.4 million.

The first cycle was completed on February 26, 2002. The total project cost for dredging cycle 1 was $3,412,415. The project was advertised for bid as a component of the Calcasieu River and Pass Maintenance Dredging contract on February 16, 2001. Construction initiation was advanced in conjunction with an accelerated maintenance dredging schedule for the Calcasieu River.

On January 28, 2004, the CWPPRA Task Force provided additional funding and construction approval for Cycles 2 and 3. Cycle 2 is scheduled for constructed at the beginning of 2008. Cycle 3 is currently under construction. Upon completion of Cycle 2, the COE and LDNR will ask the Task Force for construction approval for Cycles 4 and 5.

Total Priority List		8	993				$28,621,140	$21,602,241	75.5	$7,553,538 $7,565,486

5 Project(s)
3 Cost Sharing Agreements Executed
2 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 9

Freshwater Bayou Bank Stabilization - Belle Isle Canal to Lock	TECHE	VERMI	241	01-Apr-2008 *	01-Apr-2009	30-Jun-2010	$1,498,967	$1,498,967	100.0	$1,102,336 $1,100,647

Status: A site visit was held in January 2001 with the Local Sponsor and landowner. Right of entry for surveys and borings was obtained March 14, 2001, and data collection followed. The USACE team met with LDNR staff after survey data was processed and obtained consensus on cross-sections and depth contours. A 30% design review was held in June 2002. The project was revised to include Area A - shoreline protection work only dropping a hydrologic restoration feature. A 95% design review was completed in January 2004. Phase II authorization will be sought again in January 2007.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE ARMY (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Opportunistic Use of the Bonnet Carre Spillway [DEAUTHORIZED]	PONT	STCHA					$150,706	$188,383	125.0 !	$106,932 $82,248
	Status:	At the June 27, 2007 CWPPRA Task Force meeting, the Task Force voted to begin the deauthorization process for this project. In accordance with the CWPPRA Project Standard Operating Procedures Manual, notices were sent out in July 2007 to all interested parties requesting their comments and advising them that, at the next CWPPRA Task Force meeting (currently scheduled for October 25, 2007), a final decision on deauthorization will be made.								
Periodic Intro of Sediment and Nutrients at Selected Diversion Sites Demo (DEMO)	COAST	VARY	0	01-Apr-2008 *			$1,502,817	$1,502,817	100.0	$31,726 $31,726
	Status:	In August 2005, project was stalled due to Katrina workload. In November 2006 team began coordinating with 4th Supplemental project, Modification to Caenarvon, to ensure consistency. Currently the team needs to fully develop Preliminary Design Report. Team is working on updating costs to reflect post-Katrina price levels. Also, the team is working on developing benefits of a thin layer of sediment versus marsh creation.								
Weeks Bay MC and SP/Commercial Canal/Freshwater Redirection	TECHE	IBERI	278				$1,229,337	$1,229,337	100.0	$542,676 $530,346
	Status:	Fully funded Phase 1 cost for this project is $1,229,337. The project area includes approximately 2,900 acres of fresh to brackish marsh habitat. The project kick-off was in April 2001 with the COE and DNR. Surveys, soils investigations, gage data, and environmental data are presently being gathered for assessment. A hydrologic model is being developed to assist in the understanding of water movement in this part of the basin. Shore protection alternatives are under evaluation.								
Total Priority List		9	519				$4,381,827	$4,419,504	100.9	$1,783,670 $1,744,967

4 Project(s)
0 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
1 Project(s) Deferred/Deauthorized

Priority List 10

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE ARMY (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Benneys Bay Diversion	DELTA	PLAQ	5,706	01-Apr-2008 *	01-Mar-2010	01-Nov-2011	$1,076,328	$1,076,328	100.0	$980,615 $943,317
	Status:	This project was approved for Phase I design on PPL9 in January 1999. The project work plan for Phase I was submitted to the P&E Subcommittee in May 2001. Right of Entry to perform surveys and geotechnical borings was received in August 2001. Site surveys were performed in October 2001 and geotechnical borings were collected in June 2002. A 30% design review was completed in September 2002. At the design review meeting agreement was reached to proceed further with the proposed design except for one feature (SREDs - sediment retention enhancement devices) which were removed at the request of the local sponsor. A Final Design Report has been developed and is being reviewed by the LDNR. A revised WVA and design cost estimate are in preparation for review at the CWPPRA working groups. The project is scheduled to complete all design work in 2006 in preparation for a Phase II funding request.								
Delta Building Diversion at Myrtle Grove	BARA	JEFF	8,891				$3,002,114	$3,002,114	100.0	$2,328,703 $2,337,469
	Status:	The proposed NMFS/UNO fisheries modeling effort, and its relationship to required EIS input, has been discussed by the principal agencies involved with this project. The current view within the management team is that additional fisheries data collection and analysis will be required over and above the proposed modeling. At this time, it has been decided to begin assembling an inter-agency EIS team and allow them to outline major data and analytic requirements for the NEPA document. The required NEPA scoping meetings have been held and the scoping document is being compliled. An initial Value Engineering study is scheduled for the week of July 22, 2002. WRDA may fund Phase 2.								
Delta Building Diversion North of Fort St. Philip	BRET	PLAQ	501	01-Apr-2008 *	01-Dec-2010		$1,155,200	$1,444,000	125.0	$1,147,419 $1,142,865
	Status:	95% desgin review anticipated July 25, 2007.								
Total Priority List		10	15,098				$5,233,642	$5,522,442	105.5	$4,456,736 $4,423,650

3 Project(s)
0 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE ARMY (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Priority List 11										
Grand Lake Shoreline Protection, O&M Only [CIAP]	MERM	CAMER					$8,382,494	$5,673,973	67.7	$0 $0
	Status:									
Grand Lake Shoreline Protection, Tebo Point	MERM	CAMER	530	01-Apr-2008 *	01-Nov-2008	01-Jun-2009	$4,409,519	$4,381,643	99.4	$772,987 $767,926
	Status:	The Grand Lake project, excluding the Tebo Point Extention, is included in the State's Coastal Impact Assistance Plan as a Tier 1 project that the state will construct. The Tebo Point Extension portion of the project was approved for construction under the CWPPRA Program by the Task Force in January 2007.								
Total Priority List		11	530				$12,792,013	$10,055,616	78.6	$772,987 $767,926

2 Project(s)
0 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 12

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE ARMY (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Avoca Island Diversion and Land Building	TERRE	STMRY	143	01-Apr-2008 *	15-Jul-2010	15-Jul-2011	$2,229,876	$2,229,876	100.0	$1,601,972 $1,589,830
	Status:	This project was approved for Phase I design on PPL12 in January 2003. A kickoff meeting and site visit were held in March 2003. The project work plan for Phase I was submitted to the P&E Subcommittee in May 2003. Right of Entry to perform surveys and geotechnical borings was requested in June 2003 and extended in August 2004. Site surveys began in December 2003 and were completed in May 2004. Initial geotechnical field work completed in April 2004. An initial cultural resources and environmental assessment is complete. Field data for hydrologic modeling is complete and model runs have been conducted. A draft Preliminary Design Report was prepared in late 2004 and the LDNR and USACE are working to complete the report incorporating additional data and analysis. The project design team is investigating the addition of a marsh creation component to increase project wetland benefits. Additional surveys and soil borings were collected to refine the proposed designs. A second draft 30% Preliminary Design Report was submitted to LDNR for review on 25 May 2007. On 10 Jul 2007 the Corps met with LDNR to discuss the 25 May 2007 draft 30% Report and LDNR submitted a request for additional information (mostly geotechnical concerns). The Corps' geotechs completed their input on 15 Jan 08 and the info is being reviewed before release to LDNR. Release is expected by the end of Jan 2008. A meeting will be set up with LDNR if more information is needed. A 30% design review is tentatively set for midMarch 2008.							
Lake Borgne and MRGO Shoreline Protection	PONT	STBER	266	01-Apr-2008 *	30-Mar-2009	30-Nov-2009	$1,348,345	$1,348,345	100.0	$1,091,577 $1,082,297
	Status:	This project was approved for Phase I design on PPL12 in January 2003. A kickoff meeting and site visit were held in April 2003. The project work plan for Phase I was submitted to the P&E Subcommittee in October 2003. Right of Entry to perform surveys and geotechnical borings was requested in June 2003 and received in August 2003. Surveys and geotechnical borings were collected during fall 2003. A preliminary design report was completed in December 2003. A 30% design review was held in August 2004. A 95% design review was held on March 29, 2005. A request for Phase II construction approval from the Task Force is scheduled for January 2007.							
Mississippi River Sediment Trap	DELTA	PLAQ	1,190	01-Apr-2008 *	01-Aug-2010	01-Mar-2011	$1,880,376	$1,880,376	100.0	$361,304 $354,119
	Status:	This complex project was approved for Phase I design activities in August 2002. A kickoff meeting was held in September 2002. The project work plan is under development pending a plan reformulation meeting with the LA Dept. of Natural Resources and Corps of Engineers design teams.							
South White Lake Shoreline Protection	MERM	VERMI	844	24-Mar-2005 A	01-Nov-2005 A	29-Aug-2006 A	$19,673,929	$10,614,914	54.0	$10,496,821 $10,451,193
	Status:	On 28 May 2008, LDNR/MVN conducted inspection #1 field visit of entire length of constructed foreshore rock dike. Photographs of site were obtained. No repairs necessary at this time; 2 low spots within Bear's Cove area, and one more spot easterly, bear watching in case more rock needed in future- adequate protection now. Dredged material placement area landward of dike nearly 90% re-vegetated with wetland species.							

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE ARMY (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		12	2,443				$25,132,526	$16,073,511	64.0	$13,551,673 $13,477,440

4 Project(s)
1 Cost Sharing Agreements Executed
1 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 13

Shoreline Protection Foundation Improvements Demonstration (DEMO)	COAST	COAST	0	24-Mar-2005 A	01-Nov-2005 A	29-Aug-2006 A	$1,000,000	$1,055,000	105.5	$648,212 $623,109

Status: All instruments, dredging, sand, fabric and rock installed. Contractor is monitoring instruments and submitting data.

Spanish Pass Diversion	DELTA	PLAQ	433	01-Apr-2008 *	01-Jun-2011		$1,137,344	$1,421,680	125.0	$306,590 $272,176

Status: The Task Force gave Phase 1 approval on January 28, 2004. The project delivery team has been assembled. A kickoff meeting and field trip were held on March 29, 2004. The work plan was developed and submitted to the P&E Subcommittee prior to April 30, 2004. The project delivery team has obtained rights of entry to install gages and conduct surveys in the project area. Gages were installed on November 18, 2004 and the survey work is completed. Hydraulic modeling work was completed and a Dec 2006 progress report revealed that the project as proposed would not attain originally anticipated wetland benefits. Various alternatives to revise the project scope are being developed in conjunction with Plaquemines Parish officials. Most recent meeting with Parish officials and LDNR occurred on 1 May 07. Last contact with Plaquemines Parish occurred on 19 Sep 2007 in attempt to meet and discuss future direction for this project. Efforts addressing the Cost Share Agreement issue are ongoing between LDNR and the COE.

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		13	433				$2,137,344	$2,476,680	115.9	$954,802 $895,286

2 Project(s)
1 Cost Sharing Agreements Executed
1 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 15

Bayou Lamoque Freshwater Diversion [TRANSFER]	BRET	PLAQ					$1,205,354	$9,452	0.8	$9,452 $9,452

Status: The project received Phase I approval from the Task Force on Priority Project List 15 in February 2006. The Corps of Engineers, the Environmental Protection Agency, and the LA Department of Natural Resources are currently developing a work plan of Phase I activities.

Total Priority List		15					$1,205,354	$9,452	0.8	$9,452 $9,452

1 Project(s)
0 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
1 Project(s) Deferred/Deauthorized

Priority List 16

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE ARMY (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Southwest LA Gulf Shoreline Nourishment and Protection	MERM	CAMER	888	01-Apr-2008 *	01-Jul-2011	08-Jul-2012	$1,266,842	$1,266,842	100.0	$7,996 $7,996
	Status:	This project was approved for Phase 1 design in Oct 2006. The COE internal project delivery team (PDT) has been assembled. Upon attainment of a Cost Share Agreement with LDNR, a Phase 1 work plan will be developed and a kickoff meeting/site visit scheduled. Efforts addressing the Cost Share Agreemment issue are ongoing between LDNR and the COE.								
	Total Priority List	16	888				$1,266,842	$1,266,842	100.0	$7,996 $7,996

1 Project(s)
0 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Total	**DEPT. OF THE ARMY, CORPS OF ENGINEERS**		**35,163**				**$125,325,346**	**$112,413,780**	**89.7**	**$73,681,445** **$70,627,820**

38 Project(s)
18 Cost Sharing Agreements Executed
16 Construction Started
14 Construction Completed
6 Project(s) Deferred/Deauthorized

Notes:
1. Expenditures based on Corps of Engineers financial data.
2. Date codes: A = Actual date * = Behind schedule
3. Percent codes: ! = 125% of baseline estimate exceeded

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: ENVIRONMENTAL PROTECTION AGENCY (EPA)

PROJECT	BASIN	PARISH	ACRES	SCHEDULES CSA	SCHEDULES Const Start	SCHEDULES Const End	ESTIMATES Baseline	ESTIMATES Current	ESTIMATES %	Actual Obligations/ Expenditures
Lead Agency: ENVIRONMENTAL, REGION 6										
Priority List Conservation Plan										
State of Louisiana Wetlands Conservation Plan	COAST	COAST		13-Jun-1995 A	03-Jul-1995 A	21-Nov-1997 A	$238,871	$191,807	80.3	$191,807 $191,807
	Status:	The date the MIPR was issued to obligate the Federal funds for the development of the plan is used as the construction start date for reporting purposes. Complete.								
Total Priority List		Cons Plan					$238,871	$191,807	80.3	$191,807 $191,807

1 Project(s)
1 Cost Sharing Agreements Executed
1 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 1										
Isles Dernieres Restoration East Island	TERRE	TERRE	9	17-Apr-1993 A	16-Jan-1998 A	15-Jun-1999 A	$6,345,468	$8,762,416	138.1 !	$8,751,493 $8,612,076
	Status:	This phase of the Isles Dernieres restoration project was combined with Isles Dernieres, Phase I (Trinity Island), a priority list 2 project. Additional funds to cover the increased construction cost on lowest bid received were approved at the January 16, 1998 Task Force meeting. Construction start was January 16, 1998. Hydraulic dredging was completed September 1998. Vegetation planting was completed June 1999.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: ENVIRONMENTAL PROTECTION AGENCY (EPA)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		1	9				$6,345,468	$8,762,416	138.1	$8,751,493 $8,612,076

1 Project(s)
1 Cost Sharing Agreements Executed
1 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 2

Isles Dernieres Restoration Trinity Island	TERRE	TERRE	109	17-Apr-1993 A	27-Jan-1998 A	15-Jun-1999 A	$6,907,897	$10,774,974	156.0 !	$10,788,861 $10,759,515

Status: Costs increased due to construction bids significantly greater than projected in plans and specifications. Additional funds to cover the increased project construction/dredging cost were approved at the January 16, 1998 Task Force meeting.

The 30' hydraulic dredge, the Tom James, mobilized at East Island on about January 27, 1998. Dredging was completed in September 1998. Vegetation plantings was completed June 1999.

Total Priority List		2	109				$6,907,897	$10,774,974	156.0	$10,788,861 $10,759,515

1 Project(s)
1 Cost Sharing Agreements Executed
1 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 3

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: ENVIRONMENTAL PROTECTION AGENCY (EPA)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Red Mud Demo [DEAUTHORIZED]	PONT	STJON		03-Nov-1994 A			$350,000	$470,500	134.4 !	$520,129 $520,129
	Status:	Facility construction is essentially complete; project was put on hold pending resolution of cell contamination by saltwater before planting occurred and has subsequently been deauthorized. Demonstration cells completed; no vegetation installed. The Task Force approved the deauthorization of the project on August 7, 2001. Escrowed funds will be returned to Kaiser Aluminum and Chemical Corp.								
Whiskey Island Restoration	TERRE	TERRE	1,239	06-Apr-1995 A	13-Feb-1998 A	15-Jun-2000 A	$4,844,274	$7,106,586	146.7 !	$7,134,864 $7,037,560
	Status:	At the January 16, 1998 meeting, the Task Force approved additional funds to cover the increased construction cost on lowest bid received. Work was initiated on February 13, 1998. Dredging completed July 1998. Initial vegetation with spartina on bay shore, July 1998. Additional vegetation seeding/planting was carried out in spring 2000.								
Total Priority List		3	1,239				$5,194,274	$7,577,086	145.9	$7,654,993 $7,557,689

2 Project(s)
2 Cost Sharing Agreements Executed
1 Construction Started
1 Construction Completed
1 Project(s) Deferred/Deauthorized

Priority List 4

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: ENVIRONMENTAL PROTECTION AGENCY (EPA)

PROJECT	BASIN	PARISH	ACRES	SCHEDULES CSA	SCHEDULES Const Start	SCHEDULES Const End	ESTIMATES Baseline	ESTIMATES Current	ESTIMATES %	Actual Obligations/ Expenditures
Compost Demonstration (DEMO) [DEAUTHORIZED]	CA/SB	CAMER		22-Jul-1996 A			$370,594	$213,645	57.6	$213,645 $213,645
	Status:	Plans and specifications have been finalized. All permits and construction approvals have been obtained. The amount of compost vegetation needed has not yet been supplied. A smaller sized demonstration has been designed. Advertisement for construction bids has been made. The Task Force approved deauthorization on January 16, 2002.								
Total Priority List		4					$370,594	$213,645	57.6	$213,645 $213,645

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
1 Project(s) Deferred/Deauthorized

Priority List 5

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: ENVIRONMENTAL PROTECTION AGENCY (EPA)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Bayou Lafourche Siphon [DEAUTHORIZED]	TERRE	IBERV		19-Feb-1997 A			$24,487,337	$1,500,000	6.1	$1,500,000 $1,500,000

Status: Priority List 5 authorized funding in the amount of $1,000,000 for the FY 96 Phase 1 of this project. Priority List 6 authorized $8,000,000 for the FY 97 Phase 2 of this project. In FY 98, Priority List 7 authorized $7,987,000, for a project estimate of $16,987,000. At the January 20, 1999 Task Force meeting for approval of Priority List 8, $7,500,000 completed funding for the project, for a total of $24,487,337. EPA motioned to allow $16,095,883 from project funds be delayed and put to immediate use on PPL 8. The public has been involved in development of the scope of the evaluation phase. EPA proposes an alternative approach for siphoning and pumping 1,000 cfs year-round (versus the 2,000 cfs siphon only at high river times). Addition of pumps increases the estimated cost. Additional engineering is projected to be completed in 2000.

The Cost Sharing Agreement (CSA) was executed February 19, 1997. Preliminary draft report was distributed to Technical Committee members in October 1998. Additional hydrologic work by the U.S. Geological Survey and the COE. Additional geotechnical analysis has been conducted. Review has been conducted of technical reports and estimated costs is in progress.

At the October 25, 2001 meeting, the Task Force agreed to proceed with Phase 1 Engineering and Design, and approved an estimate of $9,700,000, subject to several stipulations. The State of Louisiana will pay 50 percent of the Phase 1 E&D costs of $9.7 million, as agreed to by the State Wetlands Authority. The allocation of CWPPRA funds for Phase 1 E&D does not commit the Task Force to a specific funding level for project construction. A decision to proceed beyond the 30% design review will be made by the Task Force and the State.

Total Priority List	5						$24,487,337	$1,500,000	6.1	$1,500,000 $1,500,000

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
1 Project(s) Deferred/Deauthorized

Priority List 5.1

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: ENVIRONMENTAL PROTECTION AGENCY (EPA)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Mississippi River Reintroduction into Bayou Lafourche [DEAUTHORIZED]	TERRE	IBERV		23-Jul-2003 A			$9,700,000	$9,700,000	100.0	$6,933,440 $6,893,521
	Status:	The Mississippi River Reintroduction into Bayou Lafourche Project (BA-25b) has been proposed for de-authorization from the CWPPRA program. However, recognizing the importance of this project, the State of Louisiana, through the Louisiana Department of Natural Resources, has committed to developing this project and is continuing final design efforts toward completion beyond its authorization under the CWPPRA program.								
	Total Priority List	5.1					$9,700,000	$9,700,000	100.0	$6,933,440 $6,893,521

0 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
1 Project(s) Deferred/Deauthorized

Priority List 6

Bayou Boeuf Pump Station [DEAUTHORIZED]	TERRE	STMAR					$150,000	$3,452	2.3	$3,452 $3,452
	Status:	This was a 3-phased project. Priority List 6 authorized funding of $150,000; Priority List 7 was scheduled to fund $250,000; and Priority List 8 was scheduled to fund $100,000. Total project cost was estimated to be $500,000. By letter dated November 18, 1997, EPA notified the Technical Committee that they and LA DNR agree to deauthorize the project. Deauthorization was approved at the July 23, 1998 Task Force meeting.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: ENVIRONMENTAL PROTECTION AGENCY (EPA)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		6					$150,000	$3,452	2.3	$3,452 $3,452

1 Project(s)
0 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
1 Project(s) Deferred/Deauthorized

Priority List 9

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
LA Highway 1 Marsh Creation [DEAUTHORIZED]	BARA	LAFOU		05-Oct-2000 A			$1,151,484	$343,551	29.8	$377,520 $243,140
	Status:	The project was deauthorized at the February 17, 2005 Task Force meeting.								
New Cut Dune and Marsh Restoration	TERRE	TERRE	102	01-Sep-2000 A	01-Oct-2006 A	31-Dec-2008	$7,393,626	$13,107,798	177.3 !	$11,509,044 $10,174,837
	Status:	Project team lessons learned meeting scheduled for April 23, 2008. Project closeout actions ongoing.								
Timbalier Island Dune and Marsh Restoration	TERRE	TERRE	273	05-Oct-2000 A	01-Jun-2004 A	30-Dec-2008	$16,234,679	$16,659,416	102.6	$15,774,577 $15,095,074
	Status:	Project team lessons learned meeting scheduled for April 23, 2008. Project closeout actions ongoing.								
Total Priority List		9	375				$24,779,789	$30,110,765	121.5	$27,661,141 $25,513,050

3 Project(s)
3 Cost Sharing Agreements Executed
2 Construction Started
0 Construction Completed
1 Project(s) Deferred/Deauthorized

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: ENVIRONMENTAL PROTECTION AGENCY (EPA)

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Priority List 10										
Lake Borgne Shoreline Protection	PONT	STBER	165	02-Oct-2001 A	01-Aug-2007 A	30-Jun-2009	$18,378,900	$25,212,993	137.2 !	$21,542,790 $1,411,644
	Status:	Construction continues. Reach 1 and 2 steel sheetpile structures are in place. Reach 4 segment has been accepted. Reach 3 rock placement is completed. Traditional rock placement is underway at Reach 1. Contractor expects to complete field work by the end of October 2008.								
Small Freshwater Diversion to the Northwestern Barataria Basin	BARA	STJAM	941	08-Oct-2001 A	13-May-2010	13-May-2012	$1,899,834	$2,362,687	124.4	$2,134,449 $609,051
	Status:	Percieved unwillingess of new landowner to authorize landrights for the project seems to have changed very significantly. Cypress logging no longer appears to be a threat due to regulatory enforcement some time ago. The Parish continues to be extremely supportive, assisting the State and EPA in discussions with the landowner, and making commitments to actually purchase swampland in the area, including tracts that will directly support the project. The landowner has a pending proposal for using the project area as a mitigation bank, adopting some of the secondary features of the CWPPRA project to generate the benefits. EPA will ensure that the appropriate secondary features of our CWPPRA project, and associated benefits, are removed from the CWPPRA project in the future. Should the landowners' proposal be accepted by the agencies, both projects will be complementary. EPA and DNR are documenting the current support and formulating an aggressive strategy for progress on this excellent small diversion project.								
Total Priority List		10	1,106				$20,278,734	$27,575,680	136.0	$23,677,239 $2,020,695

2 Project(s)
2 Cost Sharing Agreements Executed
1 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 11										
River Reintroduction into Maurepas Swamp	PONT	STJON	5,438	04-Apr-2002 A	12-Oct-2010	19-Jun-2013	$5,434,288	$6,780,307	124.8	$5,743,276 $3,589,372
	Status:	Actual engineering and design is proceeding rapidly. Landrights costs greatly exceed the available budget, and so landrights will probably not be acquired in Phase 1. NEPA effort is complex and has not progressed as rapidly as engineering and design.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: ENVIRONMENTAL PROTECTION AGENCY (EPA)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Ship Shoal: Whiskey West Flank Restoration	TERRE	TERRE	195	17-Mar-2004 A	01-May-2009	01-Feb-2010	$2,998,960	$3,742,053	124.8	$3,333,699 $1,988,681
	Status:	The project's cost data was revised. The Phase 2 request package was updated and presented at the January 2008 TC to request construction funds.								
Total Priority List		11	5,633				$8,433,248	$10,522,360	124.8	$9,076,975 $5,578,053

2 Project(s)
2 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 12

Bayou Dupont Sediment Delivery System	BARA	PLAQ	326	21-Mar-2004 A	01-Jan-2009	01-Jan-2010	$28,342,879	$28,606,909	100.9	$24,493,352 $818,629
	Status:	4/24/2008 -Cooperative Agreement (Cost Share Agreement) has been signed for Phase II activities -Bid package preparation is underway								
Total Priority List		12	326				$28,342,879	$28,606,909	100.9	$24,493,352 $818,629

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 13

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: ENVIRONMENTAL PROTECTION AGENCY (EPA)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Whiskey Island Back Barrier Marsh Creation	TERRE	TERRE	272	29-Sep-2004 A	01-Feb-2009		$27,453,090	$27,638,098	100.7	$23,608,595 $1,333,158
	Status:	DNR completing bid package. Permits have been applied for and are being processed.								
Total Priority List		13	272				$27,453,090	$27,638,098	100.7	$23,608,595 $1,333,158

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 14

East Marsh Island Marsh Creation	TECHE	IBERI	189		01-Aug-2009	01-Jul-2010	$1,193,606	$1,193,606	100.0	$1,063,750 $512,223
	Status:	-EA development is underway. -Borrow site geotech has been completed. -Marsh creation site geotech is anticipated to be complete in May.								
Total Priority List		14	189				$1,193,606	$1,193,606	100.0	$1,063,750 $512,223

1 Project(s)
0 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 15

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: ENVIRONMENTAL (EPA)

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Venice Ponds Marsh Creation and Crevasses	DELTA	PLAQ	511				$1,074,522	$1,074,522	100.0	$382,878 $40,764
	Status:	EPA, COE, and LDNR still coordinating on draft workplan and requisite financial agreements.								
Total Priority List		15	511				$1,074,522	$1,074,522	100.0	$382,878 $40,764

1 Project(s)
0 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 16

Enhancement of Barrier Island Vegetation Demo [DEMO]	VARY	MULTI	0	27-Jul-2007 A	15-Jun-2009		$919,599	$919,599	100.0	$789,983 $2,211
	Status:	LDNR is working with University of Louisiana at Lafayette to finalize workplan and contractual arrangements. Workplan was reviewed/approved by CWPPRA P&E committee. Greenhouse work is expected to begin Fall 2008 with actual field trials scheduled for Spring 2009.								
Total Priority List		16	0				$919,599	$919,599	100.0	$789,983 $2,211

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 17

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: ENVIRONMENTAL PROTECTION AGENCY (EPA)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Bohemia Mississippi River Reintroduction	BRET Status:	PLAQ	637	31-Mar-2008 A			$1,359,699	$1,359,699	100.0	$1,210,881 $1,683
	Total Priority List	17	637				$1,359,699	$1,359,699	100.0	$1,210,881 $1,683

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Total	**ENVIRONMENTAL, REGION 6**		**10,406**				**$167,229,607**	**$167,724,618**	**100.3**	**$148,002,485** **$71,552,171**

21 Project(s)
18 Cost Sharing Agreements Executed
6 Construction Started
3 Construction Completed
6 Project(s) Deferred/Deauthorized

Notes:

1. Expenditures based on Corps of Engineers financial data.
2. Date codes: A = Actual date * = Behind schedule
3. Percent codes: ! = 125% of baseline estimate exceeded

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			

Lead Agency: DEPT. OF THE INTERIOR, FISH & WILDLIFE SERVICE

Priority List 0.1

Coastwide Reference Monitoring System - Wetlands	COAST	COAST		08-Jun-2004 A	14-Aug-2003 A	01-Mar-2008 *	$66,890,300	$18,189,968	27.2	$14,396,119 $7,245,652

Status: The status of the 390 stations (as of January 23, 2008) is as follows: 386 have approved landrights; 386 have preliminary site characterizations; 271 full site constructions; 93 site constructions without final survey; and 282 sites currently with data collection. Data from the 282 sites is posted within the DNR SONRIS database, USGS or CWPPRA web sites. The data available includes hydrologic (164 sites), vegetation (256 sites), elevation/accretion (122 sites), and soil properties (152 sites). Coastwide aerial photography and satellite imagery was acquired in October and November 2005 and is available at http://www.lacoast.gov/maps/2005 doqq/index.htm. Land:water analyses have been completed on 361 sites with 183 in editorial and peer-review. Maps are posted on the CRMS site on LaCoast. A new CRMS web page on LaCoast is being designed to facilitate easier access to data and products. This site should be up and available in April 2008. CRMS analytical teams were established for landscape, hydrology, vegetation and soils data as well as a data delivery team to develop ecological indices for evaluations at project and landscape levels. Draft indices were developed based on feedback received from the CWPPRA agencies in the June-July 2007 meetings, and they will be provided to the CWPPRA Monitoring WorkGroup for technical review in March 2008.

Total Priority List	0.1						$66,890,300	$18,189,968	27.2	$14,396,119 $7,245,652

1 Project(s)
1 Cost Sharing Agreements Executed
1 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 0.2

Monitoring Contingency Fund	COAST	COAST		22-Sep-2004 A	08-Dec-1999 A		$1,500,000	$1,500,000	100.0	$413,950 $413,950

Status: No contingency fund requests since May 14, 2007.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: U.S. Geological Survey (FWS)

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Total Priority List		0.2					$1,500,000	$1,500,000	100.0	$413,950 $413,950

1 Project(s)
1 Cost Sharing Agreements Executed
1 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 0.3

Storm Recovery Assessment Fund	COAST	COAST		21-Aug-2007 A			$303,359	$303,359	100.0	$205,359 $203,359

Status: The cooperative agreement between DNR and USGS was signed on October 16, 2007. The first invoice for $203,358.92 was submitted by DNR and approved by USGS in December 2007 for the Hurricane Katrina and Rita assessment activities.

Total Priority List		0.3					$303,359	$303,359	100.0	$205,359 $203,359

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 1

Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 1	PONT	ORL	1,550	17-Apr-1993 A	01-Jun-1995 A	30-May-1996 A	$1,657,708	$1,630,193	98.3	$1,681,665 $1,279,635

Status: FWS and LDNR are presently developing a project Operation and Maintenance Plan.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Cameron Creole Plugs	CA/SB	CAMER	865	17-Apr-1993 A	01-Oct-1996 A	28-Jan-1997 A	$660,460	$1,039,192	157.3 !	$977,457 $868,356
	Status:	The Fish and Wildlife Service and the LA Dept.of Natural Resources are finalizing a draft Operation and Maintenance Plan. The LDNR will be responsible for project maintenance.								
Cameron Prairie National Wildlife Refuge Shoreline Protection	MERM	CAMER	247	17-Apr-1993 A	19-May-1994 A	09-Aug-1994 A	$1,177,668	$1,227,123	104.2	$1,207,482 $1,038,474
	Status:	The Fish and Wildlife Service and the LA Dept.of Natural Resources are finalizing a draft Operation and Maintenance Plan. The LDNR will be responsible for project maintenance								
Sabine National Wildlife Refuge Erosion Protection	CA/SB	CAMER	5,542	17-Apr-1993 A	24-Oct-1994 A	01-Mar-1995 A	$4,895,780	$1,602,656	32.7	$1,557,867 $1,304,379
	Status:	The Fish and Wildlife Service and the LA Dept.of Natural Resources are finalizing a draft Operation and Maintenance Plan. The LDNR will be responsible for project maintenance								
Total Priority List		1	8,204				$8,391,616	$5,499,164	65.5	$5,424,471 $4,490,844

4 Project(s)
4 Cost Sharing Agreements Executed
4 Construction Started
4 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 2

Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 2	PONT	ORL	1,280	30-Jun-1994 A	15-Apr-1996 A	28-May-1997 A	$1,452,035	$1,642,552	113.1	$1,614,304 $1,350,622
	Status:	FWS and LDNR are presently developing a project Operation and Maintenance Plan.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		2	1,280				$1,452,035	$1,642,552	113.1	$1,614,304 $1,350,622

1 Project(s)
1 Cost Sharing Agreements Executed
1 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 3

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Sabine Refuge Structure Replacement (Hog Island)	CA/SB	CAMER	953	26-Oct-1996 A	01-Nov-1999 A	10-Sep-2003 A	$4,581,454	$4,528,418	98.8	$4,656,365 $3,834,477

Status: Sabine Refuge Structure Replacement Project

Status January 2008

Construction began the week of November 1, 1999, dedicated in December 2000, and completed June 2001. The structures were installed and semi-operational by the following dates: Headquarters Canal structure - February 9, 2000; Hog Island Gully structure - August 2000; and the West Cove structure - June 2001.

Initially electrical problems were caused because the 3-Phase electrical service to the structures was not the proper 3-Phase. Transformers and filters were added to the structures in December 2001. Problems continued with motors running in reverse until 2002. The structures continued to operate incorrectly in the automatic mode because the correct "3-Phase" electricity was not available.

Rotary phase converters, installed in September 2003, eliminated motor reversal and other problems for an estimated cost of $20,000 for the Hog Island Gully and West Cove structure sites.

Continued Problems at the Hog Island Gully Structure during 2004

All structures, except for one bay of the Hog Island Gully structure, were fully operational until late October 2004. But since that time, both the Hog Island Gully and the West Cove structures have been having operation problems.

The Monitoring Plan was approved on June 17, 1999.

The Operation and Maintenance Plan was approved by the FWS and DNR in June 23, 2004. The Service will be responsible for all structure operations and minor maintenance and DNR will be responsible for the larger maintenance items.

Current Structure Operations and Repair Post Hurricane Rita

Hurricane Rita in October 2005 overtopped the structures and damaged the electric motors, guard rails and other equipment. The structures have been operated in the partially open mode until repairs can be made. Some FEMA funds have been received by DNR for repair of Hurricane Rita damage. Other funds from the Fish and Wildlife Service are also being used for structure repair and upgrade. Repair and upgrading is currently in contracting with the TVA handling contract administration for the Service.

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		3	953				$4,581,454	$4,528,418	98.8	$4,656,365 $3,834,477

1 Project(s)
1 Cost Sharing Agreements Executed
1 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 5

Grand Bayou Hydrologic Restoration	TERRE	LAFOU	199	28-May-2004 A			$5,135,468	$8,209,722	159.9 !	$2,540,452 $1,444,476

Status: Based on hydrologic modeling results, the project would result in net salinity increases rather than decreases. Staff of the Pointe au Chene Wildlife Management Area, DNR, and USFWS have agreed to begin pursuing project de-authoriztion.

Total Priority List		5	199				$5,135,468	$8,209,722	159.9	$2,540,452 $1,444,476

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 6

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Lake Boudreaux Freshwater Introduction	TERRE	TERRE	416	22-Oct-1998 A	01-Jun-2010	30-Jun-2012	$9,831,306	$12,289,133	125.0 !	$2,289,302 $1,710,642
	Status:	At the June 27, 2007, Task Force meeting, project managers were charged with developing revised project costs and benefits for the April 2008 Task Force meeting. On August 27, a meeting was held to identify project features for which revised project costs would be prepared. Once DNR submits a task order to T. Baker Smith, Inc., efforts to revise project costs will begin. Requirements for updating the project's Wetland Value Assessment were discussed in preparation for completing that work.								
Nutria Harvest for Wetland Restoration (DEMO)	COAST	COAST	0	27-Oct-1998 A	20-Sep-1998 A	30-Oct-2003 A	$2,140,000	$804,683	37.6	$1,227,194 $806,220
	Status:	Nutria Harvest Demonstration Project Status July 2005 From April through June 2003 the following activities were completed: Promotional Events: 1) Chef Parola demonstrated nutria meat preparation and organized judging for the U. S. Army Corps of Engineers annual “Earth Day Celebration” in New Orleans, 2) LDWF assisted Chef Kevin Diez by providing nutria meat for the Baton Rouge Family Fun Fair, and 3) LDWF provided nutria sausage to the Opelousas Chamber of Commerce for a national cycling event. LDWF contracted with Firefly Digital to upgrade the Nutria Website “www.nutria.com” to be completed in September 2003. The upgrade will provide easier site navigational access and more accurate and rapid user information. This project was completed in October 2003. The project sponsors have completed project close-out activities.								
Total Priority List		6	416				$11,971,306	$13,093,816	109.4	$3,516,496 $2,516,863

2 Project(s)
2 Cost Sharing Agreements Executed
1 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Freshwater Introduction South of Highway 82	MERM	CAMER	296	12-Sep-2000 A	01-Sep-2005 A	13-Dec-2006 A	$6,051,325	$5,085,091	84.0	$5,069,391 $4,959,015

Status:

Highway 82 Freshwater Introduction

Status July 2005

The project was approved for Phase I engineering and design on January 11, 2000. An initial implementation meeting was held in April 2000; field trips were held in May and June 2000. The FWS/DNR Cost Share Agreement was signed on September 12, 2000. Elevational surveys of marsh levels and existing water monitoring stations and control points were completed by Lonnie Harper and Associates on October 26, 2000.

A hydrologic study of the project area entitled, “Analysis of Water Level Data from Rockefeller Refuge and the Grand and White Lakes Basin” was submitted by Erick Swenson (LSU Coastal Ecology Institute) in October 2001. That report concluded that a “precipitation-induced” water level gradient (0.6 feet or greater 50% of the time) existed between marshes north of Highway 82 and the target marshes in the Rockefeller Refuge south of that highway. That gradient was 1.5 feet or greater 30% of the time. Marsh levels varied from 1.0 to 1.2 feet NAVD88 north and to 1.0 to 1.4 feet NAVD88 south of Highway 82. The project hydrology ahs been modeled by Fenstermaker and Associates as described below.

Hydrodynamic Modeling Study

Fenstermaker and Associates began a hydrodynamic modeling study of the project on January 28, 2002. A model set-up interagency meeting was held May 24, 2002. The one-dimensional "Mike 11" model was used for the analysis. Model calibration and verification were completed November 21, 2002, and December 12, 2002 respectively. A draft modeling report was presented in April 2003, and a final report was presented in September 2003.

Model Results

The model indicated that the project, with a number of original features removed or reduced, would significantly flow freshwater south of Hwy 82 to reduce salinities in the project area. The model results suggested the following modifications to the conceptual project; 1) removal of the Boundary Line borrow canal plug, 2) removal of the northeastern north-south canal, 3) removal of 2 of the recommended four 3-48 inch-diameter-culverted structures along the boundary canal, 4) relocate the new Dyson structure to the north, and 5) removal of the Big Constance structure modification feature. The incorporation of these recommendations would significantly reduce project costs.

30% Design Review Meeting

A favorable 30% Design Review meeting was held on May 14, 2003 with USFWS concurrence to proceed to final design. On July 10, 2003 the LA Department of Natural Resources gave concurrence to proceed with project construction.

NEPA Review

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
		The Corps and LA Dept of Natural Resources permit and consistency applications were submitted on January 30, 2004. DNR's initial and modified Consistency Determinations were received on March 11, 2004, and June 3, 2004 respectively. The modified Corps permit applications were submitted May 27, 2004. The Corps public notices were issued on June 18, 2004. LA Dept. of Transportation letters of no objection were received on October 2, 2003, February 2, 2004, and April 19, 2004. The Corps Section 404 permits were received on March 10 and March 18, 2005. The draft Environmental Assessment was submitted for agency review on September 10, 2004, and the Final Environmental Assessment and Finding of No Significant Impact was distributed on April 12, 2005.								
		Phase II Construction Items								
		A successful 95% Design Review Meeting was held on August 11, 2004. The NRCS Overgrazing Determination was received December 1, 2003. The Corps Section 303(e) Determination received from the Corps on May 6, 2004. Landrights were certified by the LA DNR as completed on May 10, 2004.								
		Phase II construction funding approval was received at the October 2004 Task Force meeting.								
		Construction bids were received by June 21, 2005. Construction is anticipated to begin by July 15, 2005.								
Mandalay Bank Protection Demonstration (DEMO)	TERRE	TERRE	0	06-Dec-2000 A	25-Apr-2003 A	01-Sep-2003 A	$1,194,495	$1,765,289	147.8 !	$1,898,157 $1,672,705
	Status:	Construction was completed 9/1/2003.								
	Total Priority List	9	296				$7,245,820	$6,850,380	94.5	$6,967,548 $6,631,721

2 Project(s)
2 Cost Sharing Agreements Executed
2 Construction Started
2 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 10

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Delta Management at Fort St. Philip	BRET	PLAQ	267	16-May-2001 A	19-Jun-2006 A	14-Dec-2006 A	$3,183,940	$2,080,118	65.3	$2,127,975 $1,599,775

Status: This project was completed on December 14, 2006. The terraces have become well vegetated from plantings of smooth cordgrass and seashore paspalum as well as from natural colonization. Future monitoring of the crevasses should indicate whether or not the receiving areas are filling.

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
East Sabine Lake Hydrologic Restoration	CA/SB	CAMER	225	17-Jul-2001 A	01-Dec-2004 A	15-Nov-2008	$6,490,751	$5,498,431	84.7	$5,092,504 $4,248,590

Status:

East Sabine Lake Hydrologic Restoration Project

Status January 2008

A joint FWS- NRCS-DNR cost-share agreement was completed on July 17, 2001. Phase I E&D funding and Phase II construction funding were approved by the Task Force on January 10, 2001, and November 2003 respectively.

Hydrodynamic Modeling Study

FTN completed hydrodynamic modeling for the proposed water control structures at Right Prong, Greens, Three and Willow Bayous. Phase I hydrodynamic modeling consisted of reconnaissance, data acquisition, model selection, and model geometry establishment. Nine data recorders were deployed for a 16-month period (February 2002 to June 2003) for modeling purposes. Surveys were completed by May 2002.
The "East Sabine Lake Hydrologic Restoration Hydrodynamic Modeling Study Phase II: Calibration and Verification Report," "Historical Data Review Modeling Phase III Data and Final Report," and the "Phase III Determination of Boundary Conditions for Evaluating Project Alternatives" were completed October 5, 2004. With-project model runs that included modeling of fixed crest weirs with boat bays (10 feet wide by 4 feet deep) at Willow, Three, Greens and Right Prong Black Bayous were completed.

Hydrodynamic modeling results predicted that the proposed structures would have very little effects in reducing project area salinities.

Construction

The construction contract was awarded in December 2004, and the first portion of Construction Unit 1 was completed in October 2006. The following project features have been constructed: 1) Pines Ridge Bayou weir, 2) Bridge Bayou culverts, 3) 171,000 linear feet of earthen terraces in the Greens Lake area, 4) 3,000 linear feet of rock breakwater, with 50-foot wide gaps, at the eastern Sabine Lake shoreline beginning at Willow Bayou, and, 5) a rock weir in SE Section 16.

Project Modifications

11 miles (58,100 linear feet) of planned Sabine Lake shoreline plantings were removed and more earthen terraces were added using vegetative planting funds because of an unsuccessful 7,500 linear foot test planting along the Sabine Lake shoreline conducted by the State Soil and Water Conservation District and the NRCS.

The CWPPRA Task Force approved adding 50,000 linear feet of terraces, constructing 4, 50-foot-wide gaps in the rock breakwater, and deleting Construction Unit 2 components in October 2006. Discontinuing further CU 2 design was based on recent hydrodynamic modeling results, an examination of historic salinity data, and possible structure negative impacts.

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			

Current Construction

The Pines Bayou weir was rehabilitated in August 2007 due to heavy damage caused by Hurricane Rita. Four 50-foot wide gaps were also installed in August 2007, in the 3,000 foot-long rock breakwater near Willow Bayou. A contract for 50,000 linear feet of additional earthen terraces was advertised in fall 2007 and the low bidder notified in January 2008. Construction should begin in spring 2008.

Grand-White Lake Landbridge Restoration	MERM	CAMER	213	24-Jul-2001 A	10-Jul-2003 A	01-Oct-2004 A	$9,635,224	$4,761,907	49.4	$4,573,692 $3,619,050

Status:

Grand-White Lakes Land Bridge Restoration

Status July 2005

Phase 1 engineering and design funding was approved by the Task Force on January 10, 2001. The LDNR/ USFWS Cost Share Agreement was executed on July 24, 2001. LDNR certified landrights completion on December 12, 2001.

Project sponsors received Phase II construction funding approval from the CWPPRA Task Force on August 7, 2002. All of the CWPPRA and NEPA project construction requirements have been completed; 1.) the NRCS Overgrazing Determination (August 30, 2002), 2) LA state Coastal Zone Consistency Determination (September 19, 2002), 3) the LA Department of Environmental Quality Water Quality Certification (October 28, 2002), 4) the Environmental Assessment (November 19, 2002), 5) the Corps' CWPPRA Section 303(e) Determination (December 2002), and 6) the Corps' Section 404 Permit (December 2002). A favorable 95% Design Review Conference was held September 12, 2002.

The project construction contract for Construction Unit 1 (Grand Lake rock shoreline stabilization) was awarded in June 2003, the Notice to Proceed was issued on July 10, 2003, and construction for that phase was completed in October 2003. Construction Unit 2 (Collicon Lake Terraces) construction began in early July 2004 and was completed in October 2004. The project ground breaking was held August 15, 2003.

Operation and maintenance post construction field trips in February and April 2005 indicated that Construction Unit 1 - the Grand Lake shoreline rock dike and marsh creation is performing well. The rock has not subsided and a small strip of wetland was created between the rock and the shoreline with spoil from access channel dredging. Construction Unit 2 terraces have experienced post construction erosion. The Collicon Lake lake-ward terrace tops have eroded approximately 66% since project construction. Most of the lake-ward planted giant cutgrass vegetation has eroded and a cut bank remains. Most of the inner shoreward terraces are holding up well with giant cutgrass vegetation growing and expanding. Nutria herbivory of the planted vegetation on the northern and northwestern Collicon Lake terraces has been observed.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
North Lake Mechant Landbridge Restoration	TERRE	TERRE	604	16-May-2001 A	01-Apr-2003 A	01-Nov-2009	$31,727,917	$37,037,846	116.7	$1,503,566 $1,033,884
	Status:	Additional construction funds have been received for CU 2. DNR completed all oyster surveys and appraisals along with finalizing the bid package in late fall of 2007. We are currently awaiting the release of that bid package and look forward to starting construction sometime in the early summer of 2008.								
Terrebonne Bay Shore Protection Demonstration (DEMO)	COAST	TERRE		24-Jul-2001 A	25-Aug-2007 A	19-Dec-2007 A	$2,006,424	$2,718,767	135.5 !	$2,198,932 $494,779
	Status:	Final inspection of this project was completed by FWS and DNR on December 19, 2007 and we could find no apparent problems. Since that date, the landowner has requested additional navigation aids in the form of PVC pipe with reflective tape. This will be done ASAP. I would have to say that this project faced some particularly difficult problems in getting a bid that was within budget (went to bid 4 times right after the hurricanes). DNR/Thibobaux Field Office was up for the job I would like to say that they worked quickly on all aspects of this project. I would like to personally thank them for not giving up on the project and for what I would consider a job very well done.... THANK YOU for a great job.								
Total Priority List		10	1,309				$53,044,256	$52,097,069	98.2	$15,496,669 $10,996,078

5 Project(s)
5 Cost Sharing Agreements Executed
5 Construction Started
3 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 11

Dedicated Dredging on the Barataria Basin Landbridge	BARA	JEFF	242	03-Apr-2002 A	11-Sep-2008 A	31-Jan-2010	$17,672,811	$15,695,084	88.8	$478,264 $435,964
	Status:	Construction bids were opened on July 10 with the apparent low bid within budget. A notice to proceed should be issued within 30 to 40 days and construction should begin in September.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
South Grand Chenier Hydrologic Restoration	MERM	CAMER	440	03-Apr-2002 A	01-Jun-2010	01-Jun-2011	$2,358,420	$2,358,420	100.0	$1,240,945 $599,385

Status:

Status January 2008

The project was approved by the Task Force in January 2002. An implementation meeting and field trip was held on March 13, 2002 attended by agencies, landowner representatives, and consulting engineers. In September 2004, the final hydrodynamic modeling report was completed; in September 2005, Hurricane Rita heavily impacted area landowners; in March 2006 a modeling results and project feature landowner meeting was held; in December 2006, we received key landowner approval to flow water across Hwy 82 to the project area south of Grand Chenier; in February 2007, we conducted an engineering survey field trip of the project area; and in August 2007 design surveying began, after receipt of landowner approvals.
Surveying was been completed by September 2007. A wave analysis model should be completed by the end of January 2008, for a proposed borrow area in the Gulf of Mexico for the marsh creation component. Geotechnical investigations will be able to begin in February 2008.

Hydrodynamic Modeling

A modeling and surveying contract was awarded to Fenstermaker and Associates on June 14, 2002. Elevation surveys and the installation of continuous water level and salinity recorders were completed and installed by August 2002. Preliminary and final model Ã¢â,¬Å“Set UpÃ¢â,¬Â meetings were held on June 11, 2003, and August 6, 2003, respectively. Model calibration and validation was completed on September 30, 2003, and September 5, 2004, respectively.

The model results indicated that the project would be successful in flowing freshwater across Highway 82, at Grand Chenier, to reduce higher salinities in marshes south of the highway in the Hog Bayou Watershed caused by the Mermentau Ship Channel without impact of creating high water levels.

The model indicated that benefit Area A north of Hog Bayou and south of Hwy 82 near Lower Mud Lake would not receive significant salinity lowering benefits. The project team decided to remove the Area A features from the project. This would reduce the freshwater introduction component by 126 cfs (50%), leaving 126 cfs to benefit eastern marshes south of the Dr. Miller Canal.

The draft and final draft model reports entitled, "Hydrodynamic Modeling of the ME-29 South Grand Chenier Hydrologic Restoration Project" were completed in July 2004 and April 2005 respectfully.

Landrights

Landrights meetings were held between project sponsors and the major landowners on October 17, 2002, in New Orleans, on January 16, 2003, at Rockefeller Refuge, and in March 2006, at Cameron Prairie National Wildlife Refuge to present modeling results and project features. Landrights approval for surveying and geotechnical sampling were received in August 2007.

Project Schedule

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
		Design surveying and geotechnical field work should be completed by May 2008, and a geotechnical report submitted by July 2008. 30% and 95 % Design Review meetings could be scheduled by August 2008, and October 2008 respectively. The Phase II construction approval request is scheduled for Technical Committee approval in December 2008, and Task Force approval in February 2009.								
West Lake Boudreaux Shoreline Protection and Marsh Creation	TERRE	TERRE	277	03-Apr-2002 A	24-Jul-2007 A	31-Dec-2008	$17,519,731	$17,895,502	102.1	$17,388,838 $13,757,553
	Status:	Construction on the rock shoreline protection component of this project has been completed for the northern and central sections of the project and construction of the rock dike has begun on the southern section. All of the marsh containment dikes have been completed as of December 20th. Inland Dredging Co. has indicated that the dredge would be on site in mid March to early April. No major problems have occurred with this project to date.								
Total Priority List		11	959				$37,550,962	$35,949,006	95.7	$19,108,046 $14,792,903

3 Project(s)
3 Cost Sharing Agreements Executed
2 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 13

Goose Point/Point Platte Marsh Creation	PONT	STTAM	436	14-May-2004 A	02-Apr-2008 A	31-Oct-2008	$21,067,777	$20,720,519	98.4	$432,440 $424,143
	Status:	Construction began in April 2008 and the project is currently under construction. Construction should be completed by October 2008.								

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		13	436				$21,067,777	$20,720,519	98.4	$432,440 $424,143

1 Project(s)
1 Cost Sharing Agreements Executed
1 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 15

Lake Hermitage Marsh Creation	BARA	PLAQ	438	28-Mar-2006 A	01-May-2009	01-May-2010	$1,197,590	$1,197,590	100.0	$79,582 $68,727
	Status:	A 30% design review meeting is scheduled for August 26, 2008.								
Total Priority List		15	438				$1,197,590	$1,197,590	100.0	$79,582 $68,727

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 17

Caernarvon Outfall Management/Lake Lery SR	BRET	MULTI	652	19-Feb-2008 A			$2,665,993	$2,665,993	100.0	$1,597,415 $1,248
	Status:									

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
	Total Priority List	17	652				$2,665,993	$2,665,993	100.0	$1,597,415 $1,248

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Total	**DEPT. OF THE INTERIOR, FISH & WILDLIFE SERVICE**		**15,142**				**$222,997,936**	**$172,447,556**	**77.3**	**$76,449,217** **$54,415,061**

25 Project(s)
25 Cost Sharing Agreements Executed
19 Construction Started
12 Construction Completed
0 Project(s) Deferred/Deauthorized

Notes:

1. Expenditures based on Corps of Engineers financial data.
2. Date codes: A = Actual date * = Behind schedule
3. Percent codes: ! = 125% of baseline estimate exceeded

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF COMMERCE (NMFS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Lead Agency: DEPT. OF COMMERCE, NATIONAL MARINE FISHERIES SERVICE										
Priority List 1										
Fourchon Hydrologic Restoration [DEAUTHORIZED]	TERRE	LAFOU					$252,036	$7,703	3.1	$7,703 $7,703
	Status:	In a meeting on October 7, 1993, Port Fourchon conveyed to NMFS personnel that any additional work in the project area could be conducted by the Port and they did not wish to see the project pursued because they question its benefits and are concerned that undesired Government / general public involvement would result after implementation. Deauthorized.								
Lower Bayou LaCache Hydrologic Restoration [DEAUTHORIZED]	TERRE	TERRE		17-Apr-1993 A			$1,694,739	$99,625	5.9	$99,625 $99,625
	Status:	In a public hearing on September 22, 1993, with landowners in the project area, users strenuously objected to the proposed closure of the two east-west connections between Bayou Petit Caillou and Bayou Terrebonne. NMFS received a letter from LA DNR, dated February 6, 1995, recommending deauthorization of the project. NMFS forwarded the letter to COE for Task Force approval. Deauthorized.								
Total Priority List		1					$1,946,775	$107,328	5.5	$107,328 $107,328

2 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
2 Project(s) Deferred/Deauthorized

Priority List 2

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF COMMERCE (NMFS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Atchafalaya Sediment Delivery	ATCH	STMRY	2,232	01-Aug-1994 A	25-Jan-1998 A	21-Mar-1998 A	$907,810	$2,532,147	278.9 !	$2,100,865 $2,054,709
	Status:	Project cost increase was approved by the Task Force at the January 16, 1998 meeting. Construction project complete. First costs accounting underway.								
Big Island Mining	ATCH	STMRY	1,560	01-Aug-1994 A	25-Jan-1998 A	08-Oct-1998 A	$4,136,057	$7,077,404	171.1 !	$6,686,293 $6,629,369
	Status:	Project cost increase was approved by the Task Force at the January 16, 1998 meeting. Construction project complete. First costs accounting underway.								
Point Au Fer Canal Plugs	TERRE	TERRE	375	01-Jan-1994 A	01-Oct-1995 A	08-May-1997 A	$1,069,589	$3,235,208	302.5 !	$3,847,075 $3,098,794
	Status:	Construction for the project will be accomplished in two phases. Phase I construction on the wooden plugs in the oil and gas canals in Area 1 was completed December 22, 1995. Phase II construction in Area 2 has been delayed until suitable materials can be found to backfill the canal fronting the Gulf of Mexico. Phase II construction completed in May 1997. Task Force approved project design change and project cost increase at December 18, 1996 meeting. Phase III was authorized and a cooperative agreement awarded on August 27, 1999. Phase III was completed in spring 2000. Closing out cooperative agreement between NOAA and LADNR.								
Total Priority List		2	4,167				$6,113,456	$12,844,759	210.1	$12,634,233 $11,782,872

3 Project(s)
3 Cost Sharing Agreements Executed
3 Construction Started
3 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 3

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF COMMERCE (NMFS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Bayou Perot/Bayou Rigolettes Marsh Restoration [DEAUTHORIZED]	BARA	JEFF		03-Mar-1995 A			$1,835,047	$20,963	1.1	$20,963 $20,963
	Status:	A feasibility study conducted by LA DNR indicated that possible wetlands benefits from construction of this project are questionable. LA DNR has indicated a willingness to deauthorize the project. In April 1996, LA DNR had asked to reconsider the project with potential of combining this with two other projects in the watershed. Project deauthorized at January 16, 1998 Task Force meeting. Deauthorized.								
East Timbalier Island Sediment Restoration, Phase 1	TERRE	LAFOU	1,913	01-Feb-1995 A	01-May-1999 A	01-May-2001 A	$2,046,971	$3,720,721	181.8 !	$3,757,509 $3,678,427
	Status:	Construction completed in December 1999. Aerial seeding of the dune platform was achieved in spring 2000, and the installation of sand fencing was completed September 30, 2000. Vegetative dune plantings were completed May 1, 2001.								
Lake Chapeau Sediment Input and Hydrologic Restoration	TERRE	TERRE	509	01-Mar-1995 A	14-Sep-1998 A	18-May-1999 A	$4,149,182	$5,932,620	143.0 !	$5,973,292 $5,116,111
	Status:	Construction complete. Vegetative plantings were installed in spring 2000. Closing out cooperative agreement between NOAA and LADNR.								
Lake Salvador Shore Protection Demonstration (DEMO)	BARA	STCHA	0	01-Mar-1995 A	02-Jul-1997 A	30-Jun-1998 A	$1,444,628	$2,801,782	193.9 !	$2,801,782 $2,801,782
	Status:	Phase 1 was completed September 1997. Phase 2 is shoreline protection between Bayou desAllemnands and Lake Salvador. Construction began in April 1998 and completed in June 1998. Final first costs have been finalized. Closed out cooperative agreement between NOAA and LADNR. First costs accounting undersay. Project has served its demonstration purpose and is being removed by DNR with O&M funds, summer of 2002.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF COMMERCE (NMFS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		3	2,422				$9,475,828	$12,476,086	131.7	$12,553,546 $11,617,283

4 Project(s)
4 Cost Sharing Agreements Executed
3 Construction Started
3 Construction Completed
1 Project(s) Deferred/Deauthorized

Priority List 4

East Timbalier Island Sediment Restoration, Phase 2	TERRE	LAFOU	215	08-Jun-1995 A	01-May-1999 A	15-Jan-2000 A	$5,752,404	$7,600,150	132.1 !	$7,618,357 $7,526,533

Status: NOAA and DNR is currently closing out the cooperative agreements for East Tinbalier Island Phase 1 and 2. Considering the damage invoked on the island as a result of Hurricane Lily and Tropical Storm Isadore, future construction will be reassessed pursuant to engineering feasibility and the Phase 2 prioritization process.

Eden Isles East Marsh Restoration [DEAUTHORIZED]	PONT	STTAM					$5,018,968	$39,025	0.8	$39,025 $39,025

Status: NMFS letter of September 8, 1997 requested the CWPPRA Task Force to move forward with deauthorization of this project. Bids were placed twice to acquire the land; both times they were rejected due to higher bids by private developers. Project deauthorized at January 16, 1998 Task Force meeting.

Deauthorized.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF COMMERCE (NMFS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		4	215				$10,771,372	$7,639,176	70.9	$7,657,382 $7,565,558

2 Project(s)
1 Cost Sharing Agreements Executed
1 Construction Started
1 Construction Completed
1 Project(s) Deferred/Deauthorized

Priority List 5

Little Vermilion Bay Sediment Trapping	TECHE	VERMI	441	22-May-1997 A	10-May-1999 A	20-Aug-1999 A	$940,065	$886,030	94.3	$877,801 $698,294

Status: An O&M inspection trip was conducted March 2007. Terraces and vegetation appear to be in good condition. Emergent vegetation was noted to be colonizing in some locations between terraces. The Freshwater Bayou canal bank continues to erode and retreat along the northern edege of the project.

Myrtle Grove Siphon [DEAUTHORIZED]	BARA	PLAQ		20-Mar-1997 A			$15,525,950	$481,803	3.1	$481,803 $481,803

Status: The 5th Priority List authorized funding in the amount of $4,500,000 for the FY 96 Phase 1 of this project. Priority List 6 authorized funding in the amount of $6,000,000 for FY 97. Priority List 8 is authorized to fund the remaining $5,000,000. Total project cost is estimated to be $15,525,950.

NOAA and LADNR are closing out the cooperative agreement and returning remaining project funds to the CWPPRA program. Project will remain active as authorized.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF COMMERCE (NMFS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		5	441				$16,466,015	$1,367,833	8.3	$1,359,604 $1,180,097

2 Project(s)
2 Cost Sharing Agreements Executed
1 Construction Started
1 Construction Completed
1 Project(s) Deferred/Deauthorized

Priority List 6

Black Bayou Hydrologic Restoration	CA/SB	CAMER	3,594	28-May-1998 A	01-Jul-2001 A	03-Nov-2003 A	$6,316,800	$6,000,720	95.0	$6,044,850 $5,463,413
	Status:	Surveys for O&M event are underway. Expect to go out for bid by April.								
Delta Wide Crevasses	DELTA	PLAQ	2,386	28-May-1998 A	21-Jun-1999 A	01-May-2005 A	$5,473,934	$4,728,319	86.4	$4,422,389 $1,861,464
	Status:	3-05 Construction on Phase 2 (of three phases) completed. Final Inspection conducted 3/17/2005.								
Sediment Trapping at The Jaws	TECHE	STMAR	1,999	28-May-1998 A	14-Jul-2004 A	19-May-2005 A	$3,167,400	$1,653,792	52.2	$1,593,804 $1,363,935
	Status:	An O&M inspection trip is scheduled for June 2007.								
Total Priority List		6	7,979				$14,958,134	$12,382,831	82.8	$12,061,044 $8,688,812

3 Project(s)
3 Cost Sharing Agreements Executed
3 Construction Started
3 Construction Completed
0 Project(s) Deferred/Deauthorized

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF COMMERCE (NMFS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Priority List 7										
Grand Terre Vegetative Plantings	BARA	JEFF	127	23-Dec-1998 A	01-May-2001 A	01-Jul-2001 A	$928,895	$492,828	53.1	$399,405 $346,158
	Status:	Planting of 3,100 units each of bitter panicum, gulf cordgrass, and marshhay cordgrass on beach nourishment/dune area, and installation of approximately 35,000 smooth cordgrass and 800 black mangrove was completed in June 2001. Monitoring is underway. Project area is being evaluated for additional plantings in 2003/2004.								
Pecan Island Terracing	MERM	VERMI	442	01-Apr-1999 A	15-Dec-2002 A	10-Sep-2003 A	$2,185,900	$2,390,984	109.4	$2,369,852 $2,177,930
	Status:	An O&M inspection trip was conducted March 2007. The vegetation on the terraces experienced a die-back after Hurricane Rita. However, the vegetation appears to be re-establishing. The overall condition of the terraces is good. The earthen terraces with little-to-no vegetation are experiencing some toe scour.								
Total Priority List		7	569				$3,114,795	$2,883,812	92.6	$2,769,256 $2,524,087

2 Project(s)
2 Cost Sharing Agreements Executed
2 Construction Started
2 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 8										
Bayou Bienvenue Pump Station Diversion and Terracing [DEAUTHORIZED]	PONT	STBER		01-Jun-2000 A			$3,295,574	$212,153	6.4	$212,153 $212,153
	Status:	Cooperative Agreement awarded in June 1, 2000. Preliminary design analyses indicate that terrace construction significantly more costly than originally estimated due to poor geo-technical condition. The project is estimated to cost between $17 and $20 million to build. At the January 16, 2002 Task Force meeting, DNR and NOAA/NMFS requested initiation of the deauthorization procedure. Deauthorization was approved by the Task Force at the April 16, 2002 meeting.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF COMMERCE (NMFS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Hopedale Hydrologic Restoration	PONT	STBER	134	11-Jan-2000 A	10-Jan-2004 A	15-Jan-2005 A	$2,179,491	$2,281,287	104.7	$1,671,391 $1,595,886
	Status:	Cooperative Agreement was awarded January 11, 2000. Engineering and design is complete, with design surveys, geo-technical investigations and hydrologic modeling complete. Landrights for the major project feature are complete. NEPA compliance and regulatory requirements are complete. A construction contract was awarded in November 2003, and construction was initiated in March 2004. COnstruction was completed in January 2005, and the project is currently being operated by St. Bernard Parish under a cooperative agreement with the Louisiana Department of Natural Resources.								
Total Priority List		8	134				$5,475,065	$2,493,439	45.5	$1,883,544 $1,808,039

2 Project(s)
2 Cost Sharing Agreements Executed
1 Construction Started
1 Construction Completed
1 Project(s) Deferred/Deauthorized

Priority List 9

Castille Pass Channel Sediment Delivery	ATCH	STMRY	577	29-Sep-2000 A			$1,484,633	$1,846,326	124.4	$1,723,992 $1,626,750
	Status:	Castille Pass was not recommended for Phase 2 funding by the Technical Committee at their December 6, 2006 meeting. The NMFS and DNR are continuing to coordinate with the COE on a permit issuance.								
Chandeleur Islands Marsh Restoration	PONT	STBER	220	10-Sep-2000 A	01-Jun-2001 A	31-Jul-2001 A	$1,435,066	$839,927	58.5	$839,927 $839,927
	Status:	Cooperative Agreement was awarded September 10, 2000. Vegetative planting is scheduled for spring, 2001, and are phased over two years. Pilot planting project completed in June, 2000. First phase of vegetative plantings completed July 2001 with installation of approximately 80,000 smooth cordgrass plants along 6.6 miles of overwash fan perimeters. Project area is being evaluated for additional plantings in 2003.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF COMMERCE (NMFS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
East Grand Terre Island Restoration	BARA	JEFF	335	21-Sep-2000 A			$1,856,203	$2,312,023	124.6	$2,209,118 $2,199,745
	Status:	The project is anticipated to be transfered to the CIAP program for construction.								
Four Mile Canal Terracing and Sediment Trapping	TECHE	VERMI	167	25-Sep-2000 A	10-Jun-2003 A	23-May-2004 A	$5,086,511	$2,040,063	40.1	$2,020,223 $1,992,752
	Status:	An O&M inspection field trip was conducted in March 2007. The project is showing some signs of erosion along the 4-Mile canal side on the ends of the terraces. However, at this time an O&M event does not appear to be warranted.								
LaBranche Wetlands Terracing, Planting, and Shoreline Protection [DEAUTHORIZED]	PONT	STCHA		21-Sep-2000 A			$821,752	$306,836	37.3	$306,836 $306,836
	Status:	Cooperative Agreement was awarded September 21, 2000. Engineering and design complete. Construction is scheduled for 2002. Task Force approved Phase 2 funding at January 10, 2001 meeting. In a letter dated September 7, 2001, NMFS returned Phase 2 funding because of waning landowner support. Deauthorization is not requested at this time.								
Total Priority List		9	1,299				$10,684,165	$7,345,175	68.7	$7,100,097 $6,966,010

5 Project(s)
5 Cost Sharing Agreements Executed
2 Construction Started
2 Construction Completed
1 Project(s) Deferred/Deauthorized

Priority List 10

Rockefeller Refuge Gulf Shoreline Stabilization	MERM	CAMER	920	27-Sep-2001 A	15-Jul-2009	01-Feb-2010	$1,929,888	$2,408,478	124.8	$1,331,764 $1,327,306
	Status:	Rockefeller Refuge Test Sections were not recommended for Phase 2 funding by the Technical Committee at their December 6, 2006 meeting. However, this project was selected by the Coastal Impact Assistance Program (CIAP). As such, the coordination of handing over the project to CIAP for construction is underway.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF COMMERCE (NMFS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		10	920				$1,929,888	$2,408,478	124.8	$1,331,764 $1,327,306

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 11

Barataria Barrier Island: Pelican Island and Pass La Mer to Chaland Pass	BARA	PLAQ	334	06-Aug-2002 A	25-Mar-2006 A	01-Jun-2008 *	$61,995,587	$65,809,001	106.2	$60,681,004 $20,955,810

Status: Construction of Chaland Headland (CU 1) was completed in Decemeber 2006.

Advertisement of a construction contract for Pelican Island (CU 2) is pending oyster acquisition. Project delays associated with oyster acquisition and project site changes will require a re-assessment of fill requirements and preparation of updated cost estimates.

Little Lake Shoreline Protection/Dedicated Dredging near Round Lake	BARA	LAFOU	713	06-Aug-2002 A	04-Aug-2005 A	30-Mar-2007 A	$35,994,929	$23,756,500	66.0	$21,702,739 $21,463,345

Status: The dredging component is complete. The contractor is finishing dressing the rock which is expected to be completed early Spring 2007.

Pass Chaland to Grand Bayou Pass Barrier Shoreline Restoration	BARA	PLAQ	263	06-Aug-2002 A	01-Feb-2008 *	01-Nov-2008	$29,753,880	$42,977,824	144.4 !	$36,836,473 $2,295,926

Status: Advertisement of a construction contract is pending clearance of oyster leases in the project area and assessment of post-storm project area conditions.

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		11	1,310				$127,744,396	$132,543,325	103.8	$119,220,216 $44,715,081

3 Project(s)
3 Cost Sharing Agreements Executed
2 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 14

Riverine Sand Mining/Scofield Island Restoration	BARA	PLAQ	234	04-Oct-2005 A			$3,221,887	$3,221,887	100.0	$2,785,313 $654,588
	Status:									
Total Priority List		14	234				$3,221,887	$3,221,887	100.0	$2,785,313 $654,588

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 15

South Pecan Island Freshwater Introduction	MERM	VERMI	98	21-Sep-2006 A			$1,102,043	$1,102,043	100.0	$942,102 $213,558

Status: Data collection for project design is nearing completion. Hydrodynamic modeling data acquisition is underway, and modeling is scheduled to begin soon.

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		15	98				$1,102,043	$1,102,043	100.0	$942,102 $213,558

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 16

Madison Bay Marsh Creation and Terracing	TERRE	TERRE	372	31-May-2007 A			$3,002,171	$3,002,171	100.0	$2,554,951 $178,471
	Status:	Preliminary bathymetry, geotechnical, and magnetometer surveys are out for bid for this project.								
West Belle Pass Barrier Headland Restoration Project	TERRE	LAFOU	299	31-May-2007 A			$2,694,363	$2,694,363	100.0	$2,292,454 $27,595
	Status:	A scope of work is under development with the contractor.								
Total Priority List		16	671				$5,696,534	$5,696,534	100.0	$4,847,405 $206,066

2 Project(s)
2 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 17

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF COMMERCE (NMFS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Bayou Dupont Ridge Creation and Marsh Restoration	BARA Status:	JEFF	187				$2,013,881	$2,013,881	100.0	$1,711,800 $3,271
Bio-Engineered Oyster Reef Demonstration (DEMO)	MERM Status:	MULTI	0				$1,981,822	$1,981,822	100.0	$1,681,481 $2,287
Total Priority List		17	187				$3,995,703	$3,995,703	100.0	$3,393,281 $5,558

2 Project(s)
0 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Total	**DEPT. OF COMMERCE, NATIONAL MARINE FISHERIES SERVICE**		**20,646**				**$222,696,056**	**$208,508,410**	**93.6**	**$190,646,115** **$99,362,243**

35 Project(s)
31 Cost Sharing Agreements Executed
18 Construction Started
17 Construction Completed
7 Project(s) Deferred/Deauthorized

Notes:
1. Expenditures based on Corps of Engineers financial data.
2. Date codes: A = Actual date * = Behind schedule
3. Percent codes: ! = 125% of baseline estimate exceeded

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)

PROJECT	BASIN	PARISH	ACRES	CSA	SCHEDULES Const Start	SCHEDULES Const End	ESTIMATES Baseline	ESTIMATES Current	%	Actual Obligations/ Expenditures
Lead Agency: DEPT. OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE										
Priority List 1										
GIWW to Clovelly Hydrologic Restoration	BARA	LAFOU	175	17-Apr-1993 A	21-Apr-1997 A	31-Oct-2000 A	$8,141,512	$8,916,131	109.5	$8,656,831 $7,188,562
	Status:	The project was divided into two contracts in order to expedite implementation. The first contract to install most of the weir structures, began May 1, 1997 and completed November 30, 1997, at a cost of $646,691. The second contract to install bank protection, one weir and one plug, began January 1, 2000 and completed October 31, 2000, at a cost of $3,400,000. All project construction is complete. O&M Plan signed September 16, 2002.								
Vegetative Plantings - Dewitt-Rollover Planting Demonstration(DEMO) [DEAUTHORIZED]	MERM	VERMI		17-Apr-1993 A	11-Jul-1994 A	26-Aug-1994 A	$191,003	$92,012	48.2	$92,012 $92,012
	Status:	Sub-project of the Vegetative Plantings project. Complete and deauthorized.								
Vegetative Plantings - Falgout Canal Planting Demonstration(DEMO)	TERRE	TERRE	0	17-Apr-1993 A	30-Aug-1996 A	30-Dec-1996 A	$144,561	$206,523	142.9 !	$225,077 $206,523
	Status:	Sub-project of the Vegetative Plantings project. Wave-stilling devices are in place. Vegetative plantings are in place. Complete.								
Vegetative Plantings - Timbalier Island Planting Demonstration (DEMO)	TERRE	TERRE	0	17-Apr-1993 A	15-Mar-1995 A	30-Jul-1996 A	$372,589	$300,492	80.6	$319,047 $300,492
	Status:	Sub-project of the Vegetative Plantings project. Complete.								
Vegetative Plantings - West Hackberry Planting Demonstration (DEMO)	CA/SB	CAMER	0	17-Apr-1993 A	15-Apr-1993 A	30-Mar-1994 A	$213,947	$256,251	119.8	$274,230 $256,251
	Status:	Sub-project of the Vegetative Plantings project. Complete.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		1	175				$9,063,612	$9,771,409	107.8	$9,567,197 $8,043,840

5 Project(s)
5 Cost Sharing Agreements Executed
5 Construction Started
5 Construction Completed
1 Project(s) Deferred/Deauthorized

Priority List 2

Brown Lake Hydrologic Restoration	CA/SB	CAMER	162	28-Mar-1994 A	01-Jun-2009	30-May-2010	$3,222,800	$4,002,363	124.2	$1,811,537 $940,814

Status: Project Team is evaluating revised WVA benefits and cost to determine project fate. Decision is expected to be made at September 2008 Technical Committee meeting.

Caernarvon Diversion Outfall Management	BRET	PLAQ	802	13-Oct-1994 A	01-Jun-2001 A	19-Jun-2002 A	$2,522,199	$4,536,000	179.8 !	$4,264,475 $3,448,260

Status: This project was proposed for deauthorization in December 1996, but was referred for revisions at the request of the landowners and DNR. The project was modified. The final plan/EA has been prepared. Bids were opened 23 February 2001. The low bid exceeded the funds available. Task Force approved additional funds. Construction complete June 19, 2002.

East Mud Lake Marsh Management	CA/SB	CAMER	1,520	24-Mar-1994 A	01-Oct-1995 A	15-Jun-1996 A	$2,903,635	$4,736,767	163.1 !	$3,877,754 $3,108,211

Status: Bid opening was August 8, 1995 and contract awarded to Crain Bros. Construction started in early October 1995. Water control structures are installed and the vegetation installed in the summer of 1996.

Construction complete. O&M plan executed. Maintenance needs on a water control structure is being evaluated.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Freshwater Bayou Wetland Protection	MERM	VERMI	1,593	17-Aug-1994 A	29-Aug-1994 A	15-Aug-1998 A	$2,770,093	$3,455,303	124.7	$3,498,983 $3,233,272
Status:	The project was expedited in order to allow the use of stone removed from the Wax Lake Outlet Weir at a substantial cost savings. Construction is included as an option in the Corps of Engineers contract for the Wax Lake Outlet Weir removal. Option was exercised on September 2, 1994. Project construction is complete. Maintenance contract underway to repair rock dike.									
Fritchie Marsh Restoration	PONT	STTAM	1,040	21-Feb-1995 A	01-Nov-2000 A	01-Mar-2001 A	$3,048,389	$2,201,674	72.2	$2,137,834 $1,847,915
Status:	O&M plan executed January 29, 2003.									
Highway 384 Hydrologic Restoration	CA/SB	CAMER	150	13-Oct-1994 A	01-Oct-1999 A	07-Jan-2000 A	$700,717	$1,211,893	173.0 !	$1,356,677 $1,119,798
Status:	Construction start slipped from November 1997 to July 1999 because of landright issues. All landright agreements signed. Construction complete January 7, 2000. O&M plan executed. Maintenance contract complete. Minor damage from Hurricane Lili to be repaired. Contract in preparation.									
Jonathan Davis Wetland Restoration	BARA	JEFF	510	05-Jan-1995 A	22-Jun-1998 A	01-Sep-2010	$3,398,867	$28,886,616	849.9 !	$27,780,030 $7,895,097
Status:	Construction Unit#4 was revised due to hurricane related causes. Project is expected to begin construction in February 2009 with a completion date anticipated for September 2010.									
Vermilion Bay/Boston Canal Shore Protection	TECHE	VERMI	378	24-Mar-1994 A	13-Sep-1994 A	30-Nov-1995 A	$1,008,634	$1,012,649	100.4	$985,697 $853,787
Status:	Complete.									

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		2	6,155				$19,575,334	$50,043,266	255.6	$45,712,987 $22,447,153

8 Project(s)
8 Cost Sharing Agreements Executed
7 Construction Started
6 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 3

Brady Canal Hydrologic Restoration	TERRE	TERRE	297	15-May-1998 A	01-May-1999 A	22-May-2000 A	$4,717,928	$5,279,558	111.9	$5,152,001 $4,429,282

Status: Project delayed because of landowner concerns about permit conditions regarding monitoring, and objection from a pipeline company in the area. In addition, CSA revisions were needed to accommodate the landowner's interest in providing non-Federal funding. Permitting and design conditions have resulted in the CSA being modified to also include Fina Oil Co. and LL&E. Both will help cost share the project. The revised CSA is complete.

Construction project is complete. O&M plan signed July 16, 2002.

Cameron-Creole Maintenance	CA/SB	CAMER	2,602	09-Jan-1997 A	30-Sep-1997 A	30-Sep-1997 A	$3,719,926	$6,515,433	175.1 !	$4,094,035 $1,440,402

Status: The first three contracts for maintenance work are complete. The project provides for maintenance on an as-needed basis.

Cote Blanche Hydrologic Restoration	TECHE	STMRY	2,223	01-Jul-1996 A	25-Mar-1998 A	15-Dec-1998 A	$5,173,062	$7,889,103	152.5 !	$7,494,567 $5,695,865

Status: Construction start date slipped from November 1997 to March 1998 because of concern about the source of shell to construct the project. Site inspection for bidder was held January 12, 1998. Concern for a source of shell may require budget modifications. Contract awarded February 1998; notice to proceed March 1998. Construction was completed December 1998.

O&M plan executed. Maintenance contract complete.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Southwest Shore White Lake Demonstration (DEMO) [DEAUTHORIZED]	MERM	VERMI		11-Jan-1995 A	30-Apr-1996 A	31-Jul-1996 A	$126,062	$103,468	82.1	$104,064 $103,468
	Status:	Complete. Project deauthorized.								
Violet Freshwater Distribution [DEAUTHORIZED]	PONT	STBER		13-Oct-1994 A			$1,821,438	$128,627	7.1	$128,627 $128,627
	Status:	Rights-of-way to gain access to the site was a problem due to multiple landowner coordination, and additional questions have arisen about rights to operate existing siphon. Project deauthorized, October 4, 2000.								
West Pointe a la Hache Outfall Management	BARA	PLAQ	646	05-Jan-1995 A			$881,148	$4,269,295	484.5 !	$605,133 $554,761
	Status:	Project features have been revised and new project costs and benefits are being submitted to the Technical Committee for approval in September 2008.								
White's Ditch Outfall Management [DEAUTHORIZED]	BRET	PLAQ		13-Oct-1994 A			$756,134	$32,862	4.3	$32,862 $32,862
	Status:	LA DNR concurred with NRCS to deauthorize the project. Project deauthorized at the January 16, 1998 Task Force meeting. Deauthorized.								
Total Priority List		3	5,768				$17,195,698	$24,218,346	140.8	$17,611,290 $12,385,268

7 Project(s)
7 Cost Sharing Agreements Executed
4 Construction Started
4 Construction Completed
3 Project(s) Deferred/Deauthorized

Priority List 4

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Barataria Bay Waterway West Side Shoreline Protection	BARA	JEFF	232	23-Jun-1997 A	01-Jun-2000 A	01-Nov-2000 A	$2,192,418	$3,013,365	137.4 !	$2,978,755 $2,741,606
	Status:	The project is being coordinated with the COE dredging program. Contract advertised December 1999. Construction complete. Dedication ceremony held October 20, 2000. O&M plan signed July 15, 2002.								
Bayou L'Ours Ridge Hydrologic Restoration [DEAUTHORIZED]	BARA	LAFOU		23-Jun-1997 A			$2,418,676	$371,232	15.3	$371,232 $371,232
	Status:	The initial step of deauthorization was taken at the January Task Force meeting. The process will be finalized at the April Task Force meeting.								
Flotant Marsh Fencing Demonstration (DEMO) [DEAUTHORIZED]	TERRE	TERRE		16-Jul-1999 A			$367,066	$106,960	29.1	$106,960 $106,960
	Status:	Difficulty in locating an appropriate site for demonstration and difficulty in addressing engineering constraints. Project deauthorized, October 4, 2000.								
Perry Ridge Shore Protection	CA/SB	CALCA	1,203	23-Jun-1997 A	15-Dec-1998 A	15-Feb-1999 A	$2,223,518	$2,289,090	102.9	$2,220,403 $1,831,157
	Status:	Project complete.								
Plowed Terraces Demonstration (DEMO)	CA/SB	CAMER	0	22-Oct-1998 A	30-Apr-1999 A	31-Aug-2000 A	$299,690	$325,641	108.7	$325,487 $324,357
	Status:	Project initially put on hold pending results of an earlier terraces demonstration project being paid for by the Gulf of Mexico program. The first attempt to plow the terraces in the summer of 1999 was not successful. A second contract was advertised in January 2000 to try again. Construction is complete.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		4	1,435				$7,501,368	$6,106,289	81.4	$6,002,838 $5,375,312

5 Project(s)
5 Cost Sharing Agreements Executed
3 Construction Started
3 Construction Completed
2 Project(s) Deferred/Deauthorized

Priority List 5

Freshwater Bayou Bank Stabilization	MERM	VERMI	511	01-Jul-1997 A	15-Feb-1998 A	15-Jun-1998 A	$3,998,919	$2,543,313	63.6	$2,562,481 $2,511,039

Status: The local cost share is being paid by Acadian Gas Company.

Contract was awarded January 14, 1998. Construction is complete.

Naomi Outfall Management	BARA	JEFF	633	12-May-1999 A	01-Jun-2002 A	15-Jul-2002 A	$1,686,865	$2,181,427	129.3 !	$2,150,005 $1,763,921

Status: This project was combined with the BBWW "Dupre Cut" East project for planning and design; construction will be separate.

The operation of the siphon is being reviewed by DNR. Hydraulic analysis is complete; results concurred in by both agencies. Construction contract advertised in March 2002. Construction began June 2002 and completed in July 2002.

O&M plan in draft.

Raccoon Island Breakwaters Demonstration (DEMO)	TERRE	TERRE	0	03-Sep-1996 A	21-Apr-1997 A	31-Jul-1997 A	$1,497,538	$1,795,388	119.9	$1,790,531 $1,749,450

Status: Complete.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Sweet Lake/Willow Lake Hydrologic Restoration	CA/SB	CAMER	247	23-Jun-1997 A	01-Nov-1999 A	02-Oct-2002 A	$4,800,000	$3,929,152	81.9	$3,874,172 $3,379,767
	Status:	The rock bank protection feature of the project is complete. The second contract has been awarded; terrace construction and vegetative planting will be finished by October 1, 2002. Contractor was unable to complete the construction. Contract terminated; remaining work was advertised December 2001. Contract awarded, and construction completed October 2, 2002.								
Total Priority List		5	1,391				$11,983,322	$10,449,280	87.2	$10,377,189 $9,404,177

4 Project(s)
4 Cost Sharing Agreements Executed
4 Construction Started
4 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 6

Barataria Bay Waterway East Side Shoreline Protection	BARA	JEFF	217	12-May-1999 A	01-Dec-2000 A	31-May-2001 A	$5,019,900	$5,224,477	104.1	$5,178,939 $4,764,099
	Status:	This project was combined with the Naomi Outfall Management project for planning and design; construction was separate. Project construction complete. O&M plan signed October 2, 2002.								
Cheniere au Tigre Sediment Trapping Demonstration (DEMO)	TECHE	VERMI	0	20-Jul-1999 A	01-Sep-2001 A	02-Nov-2001 A	$500,000	$624,999	125.0	$625,810 $595,469
	Status:	A request for proposals was advertised in Feb 2000. No valid proposals received. Proceeding with design of a rock structure. Project advertised for bid. Bid came in over estimate. LDNR and NRCS shifted funds from monitoring to construction. Delay in getting new obligation due to internal COE procedures. Government order received July 13, 2001. Construction complete.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Oaks/Avery Canal Hydrologic Restoration, Increment 1	TECHE	VERMI	160	22-Oct-1998 A	15-Apr-1999 A	11-Oct-2002 A	$2,367,700	$2,925,216	123.5	$2,850,091 $2,269,648
	Status:	O&M Plan in draft.								
Penchant Basin Natural Resources Plan, Increment 1	TERRE	TERRE	675	23-Apr-2002 A	01-Feb-2009	01-Feb-2010	$14,103,051	$17,628,814	125.0 !	$2,811,675 $2,432,788
	Status:	Project received construction approval in June 2008. Construction is scheduled to begin in February 2009. Construction completion date is scheduled for February 2010.								
Total Priority List		6	1,052				$21,990,651	$26,403,506	120.1	$11,466,516 $10,062,003

4 Project(s)
4 Cost Sharing Agreements Executed
3 Construction Started
3 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 7

Barataria Basin Landbridge Shoreline Protection, Phase 1 and 2	BARA	JEFF	1,304	16-Jul-1999 A	01-Dec-2000 A	01-Nov-2008	$17,515,029	$31,288,623	178.6 !	$30,883,425 $22,984,886
	Status:	Construction Unit #4 is currently under construction with anticipated completion date of November 2008. Construction Unit #5 is currently under construction with anticipated completion date of August 2008.								
Thin Mat Floating Marsh Enhancement Demonstration (DEMO)	TERRE	TERRE	0	16-Oct-1998 A	15-Jun-1999 A	10-May-2000 A	$460,222	$538,101	116.9	$538,101 $538,101
	Status:	Construction complete. Monitoring ongoing.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		7	1,304				$17,975,251	$31,826,724	177.1	$31,421,526 $23,522,987

2 Project(s)
2 Cost Sharing Agreements Executed
2 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 8

Humble Canal Hydrologic Restoration	MERM	CAMER	378	21-Mar-2000 A	01-Jul-2002 A	01-Mar-2003 A	$1,526,136	$1,530,812	100.3	$1,593,156 $952,283

Status: Construction complete March 2003.

Lake Portage Land Bridge	TECHE	VERMI	24	07-Apr-2000 A	15-Feb-2003 A	15-May-2004 A	$1,013,820	$1,181,129	116.5	$1,162,114 $1,056,049

Status: Construction ongoing and scheduled to be completed in May 2004.

Draft Final Monitoring Plan sent for review on March 16, 2004. TAG originally met on October 15,2002 to develop plan. Since that time plan was modified to adapt to CRMS. Plan expected to be finalized by May 2004.

Upper Oak River Freshwater Siphon [DEAUTHORIZED]	BRET	PLAQ					$2,500,239	$56,476	2.3	$56,476 $56,476

Status: Total project cost estimate is $12,994,800; Priority List 8 funded $2,500,000 for completion of engineering and design and construction of the outflow channel. Funding of the siphon will be requested when engineering and design are completed.

Project feasibility being evaluated. DNR has solicited a cost estimate from one of their engineering firms to perform a feasibility study. Target dates will be established if project is deemed feasible.

Deauthorization procedures initiated.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		8	402				$5,040,195	$2,768,417	54.9	$2,811,746 $2,064,808

3 Project(s)
2 Cost Sharing Agreements Executed
2 Construction Started
2 Construction Completed
1 Project(s) Deferred/Deauthorized

Priority List 9

Barataria Basin Landbridge Shoreline Protection, Phase 3	BARA	JEFF	264	25-Jul-2000 A	20-Oct-2003 A	01-Jun-2010	$15,204,620	$12,844,639	84.5	$10,162,836 $7,805,848

Status: Construction Unit #7 was not selected for funding in 2008, and is scheduled to request funding at January 2009 Task Force Meeting. If approved, revised plan for construction is from August 2009 to June 2010.

Black Bayou Culverts Hydrologic Restoration	CA/SB	CAMER	540	25-Jul-2000 A	25-May-2005 A	01-Oct-2008 *	$5,900,387	$5,389,358	91.3	$5,258,474 $4,558,957

Status: Construction is currently scheduled to be completed in July 2007.

Little Pecan Bayou Hydrologic Restoration	MERM	CAMER	56	25-Jul-2000 A	01-Jul-2010	01-Jun-2011	$1,245,278	$1,556,598	125.0 !	$1,358,713 $798,878

Status: Project is scheduled for a 30% review meeting in June 2009. Scheduled to request Construction Approval at the January 2010 Task Force meeting with anticipated construction beginning in July 2010 and ending in June 2011.

Perry Ridge West Bank Stabilization	CA/SB	CAMER	83	25-Jul-2000 A	01-Nov-2001 A	31-Jul-2002 A	$3,742,451	$1,774,074	47.4	$1,708,156 $1,636,168

Status: The Perry Ridge project approved on Priority List 4 was the first phase of this project. This is the second and final phase of the project.

Task Force approved Phase 2 construction funding January 10, 2001. The rock bank protection is installed. The contract for the terraces and vegetation has been completed.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
South Lake Decade Freshwater Introduction	TERRE	TERRE	201	25-Jul-2000 A	01-Feb-2009	01-Apr-2009	$4,949,684	$3,710,627	75.0	$591,745 $533,109
	Status:	Construction Unit #1 was approved for Phase 2 funding. Construction is scheduled to begin February 2009, with an anticipated completion date of April 2009. Construction Unit #2 is currently in planning and design phase, awaiting project team decision regarding features.								
Total Priority List		9	1,144				$31,042,420	$25,275,296	81.4	$19,079,925 $15,332,961

5 Project(s)
5 Cost Sharing Agreements Executed
3 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 10

GIWW Bank Restoration of Critical Areas in Terrebonne	TERRE	TERRE	366	16-May-2001 A	01-Jul-2009	01-Jun-2010	$1,735,983	$1,735,983	100.0	$1,155,798 $1,038,940
	Status:	This project did not get selected for Phase 2 funding at the February 2009 Task Force meeting. Project will be presented for proposed construction funding at the January 2009 Task Force meeting. If funded, the construction is planned for July 2009 to June 2010.								
Total Priority List		10	366				$1,735,983	$1,735,983	100.0	$1,155,798 $1,038,940

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Priority List 11										
Barataria Basin Landbridge Shoreline Protection, Phase 4	BARA	JEFF	256	09-May-2002 A	27-Apr-2005 A	26-Apr-2006 A	$22,787,951	$15,977,531	70.1	$12,181,265 $6,531,231
	Status:	Construction Unit #6 was completed on April 26, 2006.								
Coastwide Nutria Control Program	COAST	COAST	14,963	26-Feb-2002 A	20-Nov-2002 A		$68,864,870	$22,072,193	32.1	$16,372,348 $8,695,952
	Status:	In Year 6 (2007-08) Trapping Season, 308,212 nutria tails were collected.								
Raccoon Island Shoreline Protection/Marsh Creation, Ph 2	TERRE	TERRE	167	23-Apr-2002 A	13-Dec-2005 A	30-Nov-2009	$17,167,810	$17,050,747	99.3	$7,984,168 $5,328,689
	Status:	Construction Unit #1 was completed in February 2008.								
		Construction Unit #2 completed a 30% review in October 2008 and a 95% review in December 2008. Phase 2 approval was granted in January 2009. Project is completing MMS coordination prior to start of construction. Anticipated date for construction to begin is may 2009, with a completion date of November 2009.								
Total Priority List		11	15,386				$108,820,631	$55,100,471	50.6	$36,537,781 $20,555,872

3 Project(s)
3 Cost Sharing Agreements Executed
3 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 11.1

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Holly Beach Sand Management	CA/SB	CALCA	330	09-May-2002 A	01-Aug-2002 A	31-Mar-2003 A	$19,252,500	$14,130,233	73.4	$13,961,936 $13,855,960
	Status:	The placement of the sand material on to the beach was completed on Saturday, March 1, 2003. Required work that is now in progress consist of demobilization of the pipeline segments, dressing the completed beach work,erection of the Sand Fencing and installation of the vegetation.								
Total Priority List		11.1	330				$19,252,500	$14,130,233	73.4	$13,961,936 $13,855,960

1 Project(s)
1 Cost Sharing Agreements Executed
1 Construction Started
1 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 12

Freshwater Floating Marsh Creation Demonstration (DEMO)	COAST	COAST	0	12-Jun-2003 A	01-Jul-2004 A	01-Jan-2009	$1,080,891	$1,080,891	100.0	$1,478,853 $663,424
	Status:	The structures - artificial floating systems (afs) - were all deployed at Mandalay by June 1, 2006. Details of the field monitoring of their condition and performance will be included in the monitoring report that will be submitted to DNR in Dec 06. Some portion of the greenhouse/lab work being done by UNO was restarted over because it was destroyed by Katrina. As those results start coming out, they will be in future interim monitoring reports.								
Total Priority List		12	0				$1,080,891	$1,080,891	100.0	$1,478,853 $663,424

1 Project(s)
1 Cost Sharing Agreements Executed
1 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Priority List 13										
Bayou Sale Shoreline Protection	TECHE	STMRY	329	16-Jun-2004 A	01-Jul-2010	01-Jun-2011	$2,254,912	$2,254,912	100.0	$1,754,910 $416,753
	Status:	Project is scheduled for a 30% review meeting in June 2009. Scheduled to request Construction Approval at the January 2010 Task Force meeting with anticipated construction beginning in July 2010 and ending in June 2011.								
Total Priority List		13	329				$2,254,912	$2,254,912	100.0	$1,754,910 $416,753

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 14										
South Shore of the Pen Shoreline Protection and Marsh Creation	BARA	JEFF	211	07-Dec-2005 A	01-Feb-2009	01-Feb-2010	$11,956,642	$10,167,635	85.0	$9,348,865 $710,193
	Status:	Construction Unit #1 - Shoreline Protection Component was approved for Phase 2 Funding in Spring 2008. Construction is scheduled to begin February 2009 with completion anticipated by February 2010. Construction Unit #2 - South Marsh Creation Unit is scheduled to request Phase 2 approval at January 2009 Task Force meeting. Construction Unit #3 - North Marsh Creation Unit is pending project decision based on Corps Supplemental Funding decision to fund and build this portion of the project.								
White Ditch Resurrection	BRET	PLAQ	189	11-Aug-2005 A	01-Jul-2010	01-Jun-2011	$1,595,677	$1,595,677	100.0	$1,416,729 $597,209
	Status:	Project is scheduled for a 30% review meeting in June 2009. Scheduled to request Construction Approval at the January 2009 Task Force meeting with anticipated construction beginning in July 2010 and ending in June 2011.								

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		14	400				$13,552,319	$11,763,312	86.8	$10,765,594 $1,307,402

2 Project(s)
2 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 16

Alligator Bend Marsh Restoration and Shoreline Protection	PONT	ORL	330	11-Jun-2008 A	01-Jul-2010	01-Jun-2011	$1,660,985	$1,660,985	100.0	$888,284 $24,891

Status: Project is currently in the Planning and Design Phase. A 30% review meeting is anticipated for June 2009. Project is scheduled to request Phase II funding at the January 2010 Task Force meeting. Construction is anticipated to begin July 2010 with a completion date of June 2011.

Total Priority List		16	330				$1,660,985	$1,660,985	100.0	$888,284 $24,891

1 Project(s)
1 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Priority List 17

Sediment Containment System for Marsh Creation Demonstration (DEMO)	COAST	COAST	0	28-Jan-2008 A			$1,163,343	$1,163,343	100.0	$190,239 $1,324

Status:

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
West Pointe a la Hache Marsh Creation	BARA	PLAQ	203	24-Jan-2008 A	01-Sep-2011	01-Sep-2012	$1,620,740	$1,620,740	100.0	$1,271,855 $10,038
	Status:	Project is currently in the Planning and Design Phase. A 30% review meeting is anticipated for June 2010. Project is scheduled to request Phase II funding at the January 2011 Task Force meeting. Construction is anticipated to begin September 2011 with a completion date of September 2012.								
	Total Priority List	17	203				$2,784,083	$2,784,083	100.0	$1,462,094 $11,362

2 Project(s)
2 Cost Sharing Agreements Executed
0 Construction Started
0 Construction Completed
0 Project(s) Deferred/Deauthorized

Total	**DEPT. OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE**		**36,170**				**$292,510,155**	**$277,373,402**	**94.8**	**$222,056,462** **$146,513,114**

55 Project(s)
54 Cost Sharing Agreements Executed
38 Construction Started
31 Construction Completed
7 Project(s) Deferred/Deauthorized

Notes:
1. Expenditures based on Corps of Engineers financial data.
2. Date codes: A = Actual date * = Behind schedule
3. Percent codes: ! = 125% of baseline estimate exceeded

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Total All Priority Lists

PROJECT		ACRES	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
SUMMARY	Total All Projects	117,527	$1,030,759,100	$938,467,766	91.0	$710,835,725 $442,470,409

175 Project(s)

147 Cost Sharing Agreements Executed

98 Construction Started

78 Construction Completed

26 Project(s) Deferred/Deauthorized

Total Available Funds

Federal Funds	$797,729,132
Non/Federal Funds	$148,110,264
Total Funds	$945,839,396

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

		No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
Basin: Atchafalaya										
Priority List:	2	2	3,792	2	2	2	0	$5,043,867	$9,609,551	$8,684,078
Priority List:	9	1	577	1	0	0	0	$1,484,633	$1,846,326	$1,626,750
Basin Total		3	4,369	3	2	2	0	$6,528,500	$11,455,877	$10,310,828
Basin: Barataria										
Priority List:	1	3	620	3	3	3	0	$9,960,769	$10,147,780	$8,420,211
Priority List:	2	1	510	1	1	0	0	$3,398,867	$28,886,616	$7,895,097
Priority List:	3	3	646	3	1	1	1	$4,160,823	$7,092,040	$3,377,506
Priority List:	4	2	232	2	1	1	1	$4,611,094	$3,384,598	$3,112,838
Priority List:	5	2	633	2	1	1	1	$17,212,815	$2,663,230	$2,245,723
Priority List:	6	1	217	1	1	1	0	$5,019,900	$5,224,477	$4,764,099
Priority List:	7	2	1,431	2	2	1	0	$18,443,924	$31,781,451	$23,331,044
Priority List:	9	3	599	3	1	0	1	$18,212,307	$15,500,213	$10,248,734
Priority List:	10	2	9,832	1	0	0	0	$4,901,948	$5,364,801	$2,946,519
Priority List:	11	5	1,808	5	4	2	0	$168,205,158	$164,215,940	$51,682,277
Priority List:	12	1	326	1	0	0	0	$28,342,879	$28,606,909	$818,629
Priority List:	14	2	445	2	0	0	0	$15,178,529	$13,389,522	$1,364,781
Priority List:	15	1	438	1	0	0	0	$1,197,590	$1,197,590	$68,727
Priority List:	17	2	390	1	0	0	0	$3,634,621	$3,634,621	$13,309
Basin Total		30	18,127	28	15	10	4	$302,481,224	$321,089,788	$120,289,494

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

		No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
Basin: Breton Sound										
Priority List:	**2**	1	802	1	1	1	0	$2,522,199	$4,536,000	$3,448,260
Priority List:	**3**	1		1	0	0	1	$756,134	$32,862	$32,862
Priority List:	**4**	1		0	0	0	1	$2,468,908	$65,747	$65,747
Priority List:	**8**	1		0	0	0	1	$2,500,239	$56,476	$56,476
Priority List:	**10**	2	768	1	1	1	0	$4,339,140	$3,524,118	$2,742,640
Priority List:	**14**	1	189	1	0	0	0	$1,595,677	$1,595,677	$597,209
Priority List:	**15**	1		0	0	0	1	$1,205,354	$9,452	$9,452
Priority List:	**17**	2	1,289	2	0	0	0	$4,025,692	$4,025,692	$2,930
Basin Total		10	3,048	6	2	2	4	$19,413,343	$13,846,025	$6,955,577
Basin: Calcasieu/Sabine										
Priority List:	**1**	3	6,407	3	3	3	0	$5,770,187	$2,898,099	$2,428,986
Priority List:	**2**	4	2,899	4	3	3	0	$8,568,462	$13,647,112	$8,086,081
Priority List:	**3**	2	3,555	2	2	2	0	$8,301,380	$11,043,851	$5,274,880
Priority List:	**4**	3	1,203	3	2	2	1	$2,893,802	$2,828,376	$2,369,159
Priority List:	**5**	1	247	1	1	1	0	$4,800,000	$3,929,152	$3,379,767
Priority List:	**6**	1	3,594	1	1	1	0	$6,316,800	$6,000,720	$5,463,413
Priority List:	**8**	5	993	3	2	1	0	$28,621,140	$21,602,241	$7,565,486
Priority List:	**9**	2	623	2	2	1	0	$9,642,838	$7,163,432	$6,195,125
Priority List:	**10**	1	225	1	1	0	0	$6,490,751	$5,498,431	$4,248,590
Priority List:	**11.1**	1	330	1	1	1	0	$19,252,500	$14,130,233	$13,855,960
Basin Total		23	20,076	21	18	15	1	$100,657,860	$88,741,645	$58,867,448

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

		No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
Basin: Coastal Basins										
Priority List:	Cons Plan	1		1	1	1	0	$238,871	$191,807	$191,807
Priority List:	0.1	1		1	1	0	0	$66,890,300	$18,189,968	$7,245,652
Priority List:	0.2	1		1	1	0	0	$1,500,000	$1,500,000	$413,950
Priority List:	0.3	1		1	0	0	0	$303,359	$303,359	$203,359
Priority List:	6	1	0	1	1	1	0	$2,140,000	$804,683	$806,220
Priority List:	9	1	0	0	0	0	0	$1,502,817	$1,502,817	$31,726
Priority List:	10	1		1	1	1	0	$2,006,424	$2,718,767	$494,779
Priority List:	11	1	14,963	1	1	0	0	$68,864,870	$22,072,193	$8,695,952
Priority List:	12	1	0	1	1	0	0	$1,080,891	$1,080,891	$663,424
Priority List:	13	1	0	1	1	1	0	$1,000,000	$1,055,000	$623,109
Priority List:	17	1	0	1	0	0	0	$1,163,343	$1,163,343	$1,324
Basin Total		11	14,963	10	8	4	0	$146,690,875	$50,582,829	$19,371,300
Basin: Miss. River Delta										
Priority List:	1	1	9,831	1	1	1	0	$8,517,066	$22,312,761	$15,337,146
Priority List:	3	2	936	1	1	1	1	$3,666,187	$1,008,820	$820,771
Priority List:	4	1		1	0	0	1	$300,000	$58,310	$58,310
Priority List:	6	2	2,386	2	2	2	0	$7,073,934	$6,637,339	$3,756,159
Priority List:	10	1	5,706	0	0	0	0	$1,076,328	$1,076,328	$943,317
Priority List:	12	1	1,190	0	0	0	0	$1,880,376	$1,880,376	$354,119
Priority List:	13	1	433	0	0	0	0	$1,137,344	$1,421,680	$272,176
Priority List:	15	1	511	0	0	0	0	$1,074,522	$1,074,522	$40,764
Basin Total		10	20,993	5	4	4	2	$24,725,757	$35,470,136	$21,582,762

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

		No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
Basin: Mermentau										
Priority List:	**1**	2	247	2	2	2	1	$1,368,671	$1,319,135	$1,130,486
Priority List:	**2**	1	1,593	1	1	1	0	$2,770,093	$3,455,303	$3,233,272
Priority List:	**3**	1		1	1	1	1	$126,062	$103,468	$103,468
Priority List:	**5**	1	511	1	1	1	0	$3,998,919	$2,543,313	$2,511,039
Priority List:	**7**	1	442	1	1	1	0	$2,185,900	$2,390,984	$2,177,930
Priority List:	**8**	1	378	1	1	1	0	$1,526,136	$1,530,812	$952,283
Priority List:	**9**	2	352	2	1	1	0	$7,296,603	$6,641,689	$5,757,893
Priority List:	**10**	2	1,133	2	1	1	0	$11,565,112	$7,170,385	$4,946,356
Priority List:	**11**	3	970	1	0	0	0	$15,150,433	$12,414,036	$1,367,311
Priority List:	**12**	1	844	1	1	1	0	$19,673,929	$10,614,914	$10,451,193
Priority List:	**15**	1	98	1	0	0	0	$1,102,043	$1,102,043	$213,558
Priority List:	**16**	1	888	0	0	0	0	$1,266,842	$1,266,842	$7,996
Priority List:	**17**	1	0	0	0	0	0	$1,981,822	$1,981,822	$2,287
Basin Total		18	7,456	14	10	10	2	$70,012,565	$52,534,747	$32,855,072

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

		No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
Basin: Pontchartrain										
Priority List:	**1**	2	1,753	2	2	2	0	$6,119,009	$5,448,122	$5,057,587
Priority List:	**2**	2	2,320	2	2	2	0	$4,500,424	$3,844,225	$3,198,537
Priority List:	**3**	3	755	3	1	1	2	$2,683,636	$912,272	$961,901
Priority List:	**4**	1		0	0	0	1	$5,018,968	$39,025	$39,025
Priority List:	**5**	1	75	1	1	1	0	$2,555,029	$2,589,403	$2,292,047
Priority List:	**8**	2	134	2	1	1	1	$5,475,065	$2,493,439	$1,808,039
Priority List:	**9**	3	220	2	1	1	2	$2,407,524	$1,335,146	$1,229,011
Priority List:	**10**	1	165	1	1	0	0	$18,378,900	$25,212,993	$1,411,644
Priority List:	**11**	1	5,438	1	0	0	0	$5,434,288	$6,780,307	$3,589,372
Priority List:	**12**	1	266	0	0	0	0	$1,348,345	$1,348,345	$1,082,297
Priority List:	**13**	1	436	1	1	0	0	$21,067,777	$20,720,519	$424,143
Priority List:	**16**	1	330	1	0	0	0	$1,660,985	$1,660,985	$24,891
Basin Total		19	11,892	16	10	8	6	$76,649,950	$72,384,783	$21,118,494
Basin: Teche / Vermilion										
Priority List:	**1**	1	65	1	1	1	0	$1,526,000	$2,022,987	$1,996,012
Priority List:	**2**	1	378	1	1	1	0	$1,008,634	$1,012,649	$853,787
Priority List:	**3**	1	2,223	1	1	1	0	$5,173,062	$7,889,103	$5,695,865
Priority List:	**5**	1	441	1	1	1	0	$940,065	$886,030	$698,294
Priority List:	**6**	4	2,567	4	4	4	0	$10,130,000	$10,347,331	$8,595,466
Priority List:	**8**	1	24	1	1	1	0	$1,013,820	$1,181,129	$1,056,049
Priority List:	**9**	3	686	1	1	1	0	$7,814,815	$4,768,367	$3,623,745
Priority List:	**13**	1	329	1	0	0	0	$2,254,912	$2,254,912	$416,753
Priority List:	**14**	1	189	0	0	0	0	$1,193,606	$1,193,606	$512,223
Basin Total		14	6,902	11	10	10	0	$31,054,914	$31,556,113	$23,448,194

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

		No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
Basin: Terrebonne										
Priority List:	**1**	5	9	4	3	3	2	$8,809,393	$9,376,760	$9,226,420
Priority List:	**2**	3	958	3	3	2	0	$12,831,588	$20,761,623	$20,455,910
Priority List:	**3**	4	3,958	4	4	4	0	$15,758,355	$22,039,484	$20,261,380
Priority List:	**4**	2	215	2	1	1	1	$6,119,470	$7,707,111	$7,633,493
Priority List:	**5**	3	199	3	1	1	1	$31,120,343	$11,505,110	$4,693,926
Priority List:	**5.1**	1		1	0	0	1	$9,700,000	$9,700,000	$6,893,521
Priority List:	**6**	4	1,091	2	0	0	2	$30,522,757	$29,988,268	$4,213,751
Priority List:	**7**	1	0	1	1	1	0	$460,222	$538,101	$538,101
Priority List:	**9**	4	576	4	3	1	0	$29,772,484	$35,243,130	$27,475,725
Priority List:	**10**	2	970	2	1	0	0	$33,463,900	$38,773,829	$2,072,824
Priority List:	**11**	3	639	3	2	0	0	$37,686,501	$38,688,302	$21,074,923
Priority List:	**12**	1	143	0	0	0	0	$2,229,876	$2,229,876	$1,589,830
Priority List:	**13**	1	272	1	0	0	0	$27,453,090	$27,638,098	$1,333,158
Priority List:	**16**	2	671	2	0	0	0	$5,696,534	$5,696,534	$206,066
Basin Total		36	9,701	32	19	13	7	$251,624,513	$259,886,225	$127,669,029
Basin: Various Basins										
Priority List:	**16**	1	0	1	0	0	0	$919,599	$919,599	$2,211
Basin Total		1	0	1	0	0	0	$919,599	$919,599	$2,211
Total All Basins		175	117,527	147	98	78	26	$1,030,759,100	$938,467,766	$442,470,409

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Summary Report by Priority List

P/L	No. of Projects	Acres	CSA Executed	Under Const.	Const. Completed	Federal Const. Funds Available	Non/Fed Const. Funds Matching Share	Baseline Estimate	Current Estimate	Obligations To Date	Expenditures To Date
1	14	18,932	14	0	14	$28,084,900	$9,363,199	$39,933,317	$53,326,303	$46,965,703	$43,397,507
2	15	13,252	15	2	12	$28,173,110	$14,077,713	$40,644,134	$85,753,079	$81,013,158	$55,855,022
3	11	12,073	11	0	10	$29,939,100	$8,063,578	$32,879,168	$49,245,645	$42,840,802	$35,602,749
4	4	1,650	4	0	4	$29,957,533	$2,156,434	$10,468,030	$13,228,247	$13,143,002	$12,423,652
5	7	2,106	7	0	6	$33,371,625	$2,411,624	$20,613,884	$22,134,435	$16,354,228	$13,838,994
6	11	9,855	11	0	9	$39,134,000	$5,900,282	$54,614,991	$58,932,497	$34,016,517	$27,528,787
7	4	1,873	4	1	3	$42,540,715	$5,206,580	$21,090,046	$34,710,536	$34,190,782	$26,047,074
8	8	1,529	6	1	4	$41,864,079	$4,029,615	$33,340,587	$26,595,468	$11,980,199	$11,169,704
9	16	3,633	13	4	5	$47,907,300	$11,100,168	$76,010,079	$73,162,350	$61,801,093	$55,556,484
10	12	18,799	9	3	3	$47,659,220	$13,400,948	$82,222,503	$89,339,652	$46,118,207	$19,806,669
11	13	23,818	11	5	2	$57,332,369	$36,625,617	$295,341,250	$244,170,778	$184,716,006	$86,409,836
11.1	1	330	1	0	1	$0	$7,065,116	$19,252,500	$14,130,233	$13,961,936	$13,855,960
12	6	2,769	3	1	1	$51,938,097	$6,864,197	$54,556,296	$45,761,311	$39,523,879	$14,959,493
13	5	1,470	4	1	1	$54,023,130	$7,963,531	$52,913,123	$53,090,209	$26,750,748	$3,069,340
14	4	823	3	0	0	$53,054,752	$2,426,821	$17,967,812	$16,178,805	$14,614,657	$2,474,212
15	3	1,047	2	0	0	$58,059,645	$507,541	$3,374,155	$3,374,155	$1,404,562	$323,049
16	5	1,889	4	0	0	$71,402,872	$1,431,594	$9,543,960	$9,543,960	$6,533,668	$241,164
17	6	1,679	4	0	0	$83,286,685	$1,620,822	$10,805,478	$10,805,478	$7,663,671	$19,850
Active Projects	145	117,527	126	18	75	$797,729,132	$145,065,379	$875,571,313	$903,483,141	$683,592,817	$422,579,547
Deauthorized	26		17	0	2			$86,255,257	$14,799,490	$12,035,673	$11,836,095
Total Projects	171	117,527	143	18	77	$797,729,132	$145,065,379	$961,826,570	$918,282,632	$695,628,490	$434,415,641
Conservation Plan	1		1	0	1	$0	$45,886	$238,871	$191,807	$191,807	$191,807
CRMS - Wetlands	1		1	1	0	$0	$2,728,495	$66,890,300	$18,189,968	$14,396,119	$7,245,652
MCF	1		1	1	0	$0	$225,000	$1,500,000	$1,500,000	$413,950	$413,950
Storm Recovery	1		1	0	0	$0	$45,504	$303,359	$303,359	$205,359	$203,359
Total Construction Program	175	117,527	147	20	78	$797,729,132	$148,110,264	$1,030,759,100	$938,467,766	$710,835,725	$442,470,409
						$945,839,396					

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Summary Report by Priority List

NOTES:

1. Total of 171 projects includes 145 active construction projects, 25 deauthorized projects, 1 transferred project, the CRMS-Wetlands Monitoring project, the Monitoring Contingency Fund, the Storm Recovery Assessment Fund, and the State of Louisiana's Wetlands Conservation Plan.
2. Federal funding for FY09 is estimated to be $79,318,450 for the construction program..
3. Total construction program funds available is $945,839,396 .
4. The current estimate for reconciled, closed-out deauthorized projects is equal to expenditures to date.
5. Current Estimate for the 5th priority list includes authorized funds for FY 96, FY 97 FY 98 and FY 99 for phased projects with multi-year funding.
6. Current Estimate for the 6th priority list includes authorized funds for FY 97, FY 98 and FY 99 for phased projects with multi-year funding.
7. The Task Force approved 8 unfunded projects, totalling $77,492,000 on Priority List 7 (not included in totals).
8. Obligations include expenditures and remaining obligations to date.
9. Non-Federal Construction Funds Available are estimated using cost share percentages as authorized for before and after approval of Conservation Plan.
10. Priority Lists 9 through 17 are funded utilizing cash flow management. Baseline and current esimates for these priority lists reflect only approved, funded estimates. Both baseline and current estimates are revised as funding is approved.
11. The amount shown for the non-federal construction funds available is comprised of 5% minimum cash of current estimate, and the remainder may be WIK and/or cash. The percentage of WIK would influence the total construction funds (cash) available.
12. PPL 11, Maurepas Diversion project, benefits 36,121 acres of swamp. This number is not included in the acre number in this table, beause this acreage is classified differently than acres protected by marsh projects.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

November 5, 2008

STATUS OF UNCONSTRUCTED PROJECTS

For Report/Discussion/Vote:

The NRCS and CPRA will report on the status of the Brown Lake Hydrologic Restoration Project. The Task Force will also consider approving the Technical Committee's recommendations to deauthorize or transfer the below listed projects:

- **For Deauthorization:**
  1. Periodic Introduction of Sediment & Nutrients at Selected Diversion Sites Demo
  2. Grand Bayou Hydrologic Restoration
- **For Transfer to the Louisiana Coastal Impact Assistance Program:**
  3. East Grand Terre Island Restoration
- **For Transfer to the Louisiana Coastal Area (LCA) Program:**
  4. Delta Building Diversion at Myrtle Grove

Technical Committee Recommendations:

The Technical Committee recommends that the Task Force:

- **Deauthorize the Periodic Introduction of Sediment & Nutrients at Selected Diversion Sites Demonstration Project and the Grand Bayou Hydrologic Restoration Project;**
- **Transfer the East Grand Terre Island Restoration Project to the Louisiana Coastal Impact Assistance Program;**
- **Transfer the Delta Building Diversion at Myrtle Grove to the Louisiana Coastal Area Program.**

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

REPLY TO ATTENTION OF

AUG 19 2008

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

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

Dear Senator Vitter:

The Louisiana Coastal Wetlands Conservation and Restoration Task Force has initiated procedures to de-authorize the Periodic Introduction of Sediment and Nutrients at Selected Diversion Sites Demonstration (MR-11) Project because it has been determined that it is not feasible to conduct the project within the authorized funding limits at a sufficient scale to produce measurable out puts that would be needed to provide meaningful or useful information.

The purpose of the project, which would be located on the Mississippi River between Baton Rouge and the Gulf of Mexico, is to determine whether or not increased sediment flow through an existing freshwater diversion structure or siphon would increase wetland benefits in the diversion outfall area. Sediment for the demonstration project would be obtained from the Mississippi River by mechanically or hydraulically dredging shoaled banks and transporting it to the outfall canal by barge, truck or hydraulic pump. The total amount of funds approved to conduct the demonstration project is $1,500,000.

The Caernarvon Freshwater Diversion Project was selected as the site that would be most effective in demonstrating the concept of introducing sediment to an existing diversion. The Corps of Engineers and the State of Louisiana, Department of Natural Resources considered various possible techniques for dredging and transporting sediment to the project site within the demonstration project funding limits and determined that it is not possible to introduce sufficient concentrations of sediment at the scale of a Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) demonstration project to produce any meaningful or measurable results.

The CWPPRA Technical Committee will vote at their September 10, 2008, public meeting in Baton Rouge, Louisiana to decide whether or not to recommend Task Force approval to de-authorize the project as described. The Task Force will consider the Technical Committee's recommendation and make a final decision in a public Task Force meeting in New Orleans on October 9, 2008.

The Task Force is soliciting comments regarding the proposed transfer of this project. Comments should be sent by September 1, 2008, to the following address:

Colonel Alvin B. Lee
Department of the Army
New Orleans District, Corps of Engineers
Attention: PPPMD - Restoration Branch (PM-OR), Mr. Scott Wandell
Post Office Box 60267
New Orleans, Louisiana 70160-0267

If you have questions regarding this action or the CWPPRA Program, please contact Ms. Melanie Goodman, CWPPRA Program Manager at (504) 862-1940.

Sincerely,

Alvin B. Lee

Alvin B. Lee
Colonel, US Army
District Commander

See pages 3 and 4 for copies furnished.

Mr. Garrett Graves
Senior Advisor to the Governor for Coastal Activities
Governor's Office of Coastal Activities
Capitol Annex
1051 North Third Street, Suite 139
Baton Rouge, Louisiana 70802

Mr. William K. Honker
Deputy Director, Water Quality Protection Division
Environmental Protection Agency, Region 6
Water Quality Protection Division (6WQ)
1445 Ross Avenue
Dallas, Texas 75202-2733

Mr. Jim Boggs
Field Supervisor
US Fish and Wildlife Service
Louisiana Field Office
646 Cajundome Boulevard, Suite 400
Lafayette, Louisiana 70506

Mr. Kevin Norton
State Conservationist
Natural Resources Conservation Service
3737 Government Street
Alexandria, Louisiana 71302

Mr. Christopher Doley
Director, National Oceanic and Atmospheric Administration
Office of Habitat Conservation
National Marine Fisheries Service
1315 East-West Highway, Room 14853
Silver Spring, Maryland 20910

Parishes Against Coastal Erosion
Ms. Marnie Winter
Director, Jefferson Parish Department of Environmental Affairs
1221 Elmwood Park Boulevard, Suite 703
Jefferson, Louisiana 70123

Honorable Mary L. Landrieu
United States Senate
Federal Courthouse
707 Florida Street, Room 326
Baton Rouge, Louisiana 70801

Honorable Charlie Melancon
Representative in Congress
404 Cannon House Office Building
Washington, DC 20515

Honorable A. G. Crowe
United States Senate
Post Office Box 94183
Baton Rouge, Louisiana

Honorable Ernest D. Wooton
Representative in Congress
8018 Highway 23, Suite 214
Belle Chasse, Louisiana 70037

Mr. Kerry St. Pe
Barataria Terrebonne National Estuary Program
North Babington Hall
Nichols State University
320 Audubon Street
Thibodaux, Louisiana 70301

Mr. Aaron F. Broussard
Parish President, Jefferson
1221 Elmwood Park Boulevard, Suite 1002
Jefferson, Louisiana 70123

US Army Corps of Engineers ®
New Orleans District

Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA)

Periodic Introduction of Sediment and Nutrients at Selected Diversion Sites Demonstration

Project Number: MR- 11

St. Bernard and Plaquemines Parishes, Louisiana

Preliminary Design Report

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1.0 PROJECT FEATURES

1.1 Project background

There is evidence that freshwater diversions from the Mississippi River do not provide as much sediment and nutrients into the adjacent wetlands as was formerly thought. This demonstration project would show the effectiveness of using a hydraulic pipeline dredge to provide increased sediment through a diversion structure that would potentially result in accretion in the receiving area. Once a site is selected, a monitoring plan would be developed to determine not only the characteristics of the sediment-input concentrations but also the subsequent effects in the outfall area. The monitoring plan may include, but not be limited to, aerial photography, dye marking, and sampling.

This report provides preliminary design information developed for the Periodic Introduction of Sediment and Nutrients at Selected Diversion Sites Demonstration Project in St. Bernard and Plaquemines Parishes, LA. This project would be located on the Mississippi River somewhere between Baton Rouge and the Gulf of Mexico. The three locations considered for potential sites were the Naomi Siphon, Davis Pond, and Caernarvon (Figure 1). The Naomi Siphon site was eliminated because the channel is already at the carrying capacity, and it does not appear the channel will be able to handle any additional load. Davis Pond was eliminated since it currently does not meet the goals and objectives of the original project and has not been able to operate at its design capacity of 10,650 cfs. The problem centers on a two-mile-long rock weir separating the ponding area from Lake Cataouatche. When construction began in 1997, it was expected that the rocks used in the gabion weir would settle about a foot-and-a-half into the mud, but the barrier kept water from draining out of the ponding area and into Lake Cataouatche. To date the structure has been unable to operate at much higher than 4,000 cubic feet per second (cfs) without over-topping the guide levees. The Caernarvon Freshwater Diversion has available flow and extensive existing monitoring data, and therefore was selected as the site location.

The Caernarvon site location would demonstrate the potential of utilizing a freshwater diversion as both a freshwater and sediment diversion through the introduction of sediment from a separate sediment source. The desired outcome of this project would be to maximize the utility of a freshwater diversion by providing additional sediment input into wetlands adjacent to the Mississippi River.

Freshwater diversions are designed to convey freshwater and are constructed on the cutting bank of the river where suspended sediment is low. This is done to maximize freshwater conveyance and minimize sediment introduction and sediment transport. This is the typical construction design for fresh water diversions and hence limits sediment availability near the diversion.

Since a sediment source is not readily available in close proximity to the structure, potential borrow areas were evaluated (Refer to Section 4.0). The proposed sediment alternatives include utilizing a sediment source upriver and transferring the material to the site via barges, and unloading material at the outfall structure. The upriver sites are needed due to the river depth near the inlet of the Caernarvon structure where depths can reach 125 feet, see Figure 3. In order to determine the characteristics of sediment input concentrations as well as effects such as decreases of sediment capacity in the outfall area, monitoring would be necessary. Any sediment source alternatives proposed should be able to yield to navigation on the river, thereby causing no impact. Navigation interests may need assurance that navigation will not be hindered by implementation of the project. Other issues to be considered included monitoring of oyster lease areas to ensure no impact by the project during execution of the sediment input procedure.

Fully Funded Total Costs	AAC/AAHU	AAHU	Created/ Restored	Protected	Total Benefited
$1,500,000	N/A	N/A			N/A

Table 1: Estimated Cost and Benefits

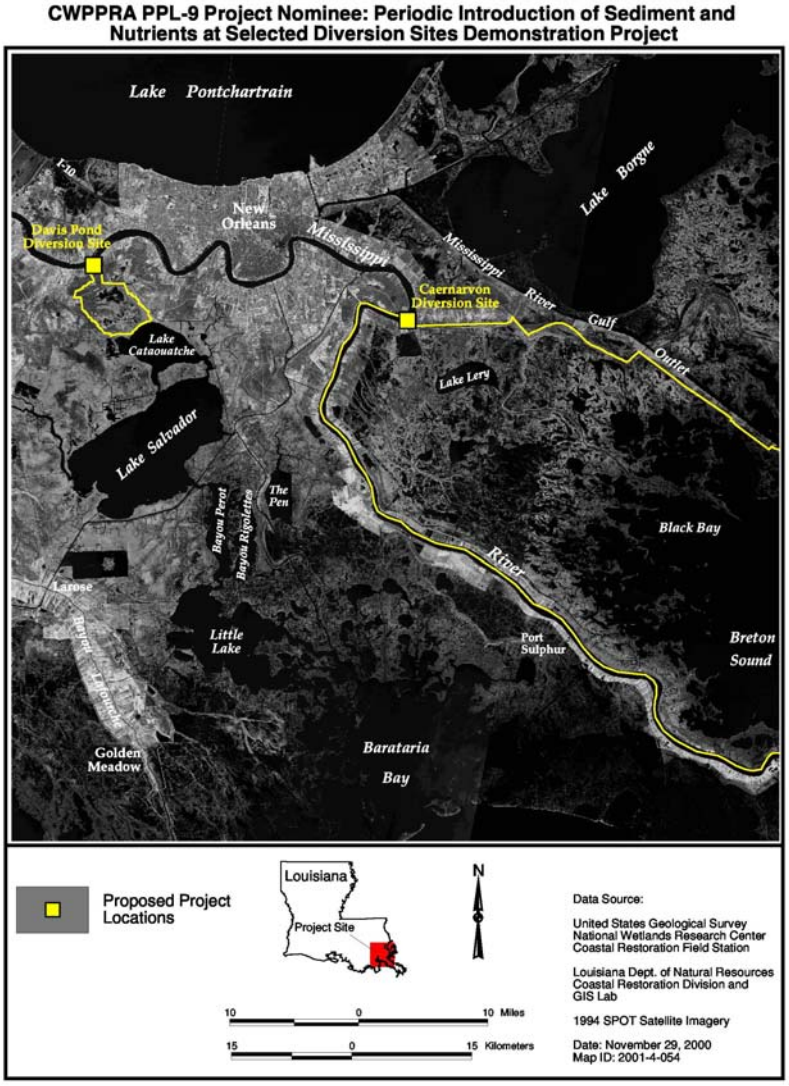

Figure 1: Proposed Site locations for Periodic Introduction of Sediment and Nutrients.

Figure 2: Caernarvon Diversion Structure, Mississippi River Mile 81.5-L

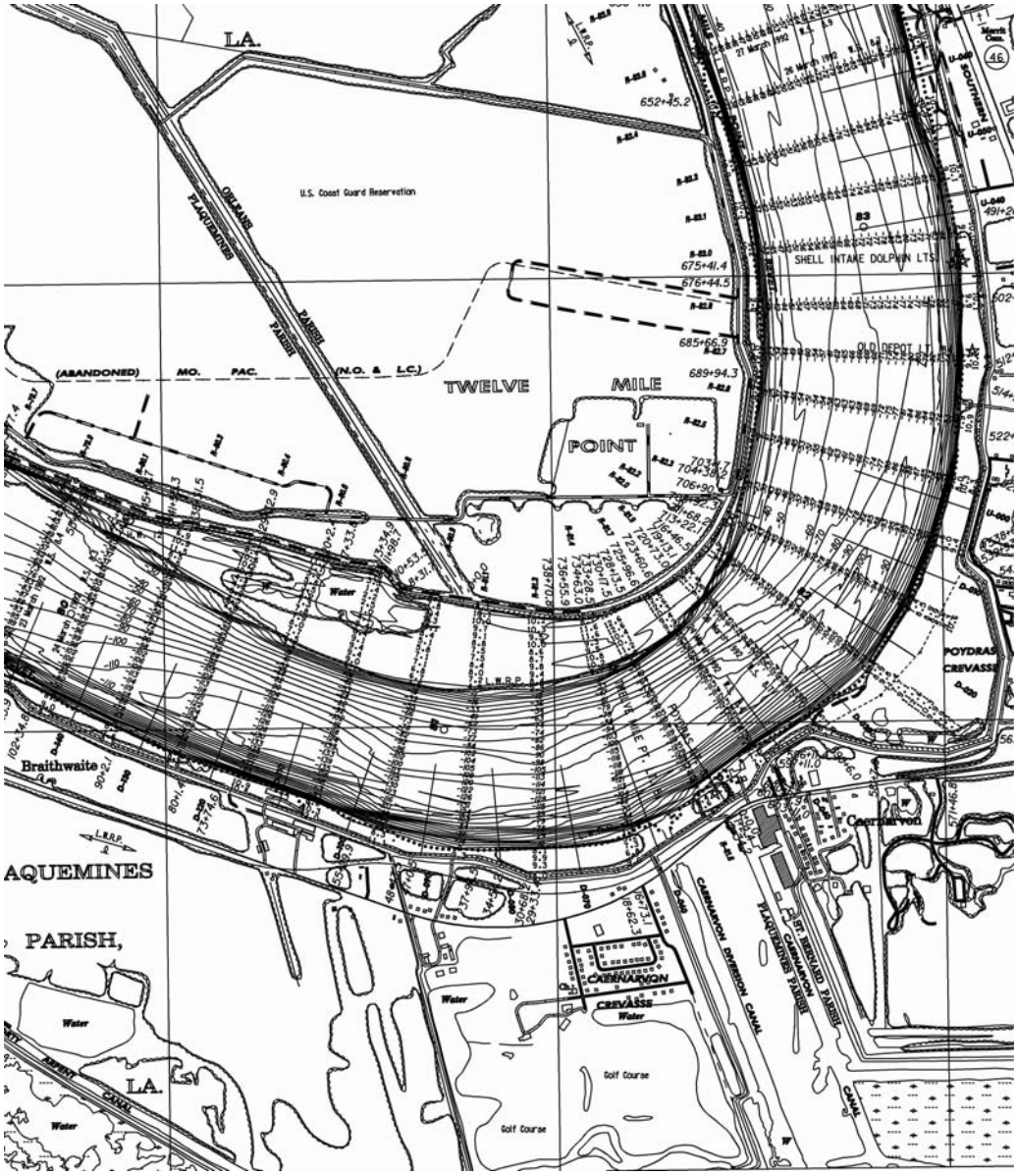

Figure 3: Plan View featuring Caernarvon from the 1992 Mississippi River Hydrographic Book.

2.0 PROJECT SITE SPECIFICATIONS/APPROVED BY ENGINEERING AND ENVIRONMENTAL WORK GROUPS

2.1 Description of Caernarvon Freshwater Diversion

The existing Caernarvon Freshwater Diversion project consists of a 255-foot-wide inflow channel with a 115-foot-wide culverted opening at elevation –10.0 feet. The five 14- by 14-foot box culverts funnel water from the Mississippi River, 622 feet south south-east to the outfall channel. The outfall channel measures 70 feet wide and conveys water 7,690 linear feet to Big Mar. The channel bottom transitions from elevation -11.0 feet at the culverted intake, to –12.0 feet at the outfall, to elevation –17.0 feet 100 feet downstream

from the outfall, then gradually continues sloping to elevation –18.0 at Big Mar. (All elevations referenced are NGVD)

3.0 ENGINEERING AND DATA COLLECTION

3.1 Caernarvon Freshwater Diversion – Sand Transport Capacity

In order to determine the feasibility of using the Caernarvon Freshwater Diversion structure as the potential site for this demonstration project, sand transport capacity of the outfall channel must be performed. Because the diversion was designed to convey freshwater with minimum sediment input there is a potential that introducing sediment will reduce the capacity of the channel through shoaling. Therefore, the Hydrologic Engineering Section performed analysis to determine sand transport capacities for the Caernarvon Freshwater Diversion Structure outflow channel in order to determine how much sediment (dredge material) can be effectively moved through the outflow channel without creating any shoaling problems. Sand Transport Capacity was computed for four (4) cross sections within the outflow channel and for four (4) different flows. See Figure 4 for cross section locations. Cross section 7900.00 is located approximately 50 feet downstream from the culvert openings and cross section 0.00 is located at the very end of the outflow channel. Sand transport capacity was computed using the HH091, Toffaleti sediment transport program. This program utilizes Toffaleti equations to compute the TOTAL sand transport capacity for each cross section in tons/day, the measured suspended sand load and the unmeasured sand load. These values can be seen in Table 3 for each cross section and flow. The variables input to the program are as follows: Mean Channel Velocity (ft/sec), mean depth of cross section (ft), Water Temperature(Degrees Fahrenheit), Top Width of cross section(ft), surface water slope(ft/ft), D_{65}(ft), and settling velocities(ft/sec). The input variables can be seen in Table 2 and were obtained from the Caernarvon outflow channel HEC-RAS model, which was completed by Hydrologic Engineering Section. The D_{65} was obtained from the attached Particle Size Distribution Report (Figure 5) and equated to 0.07mm or 0.00023 ft. Settling Velocities were computed in a spread sheet using Rubey's formula (*Sedimentation engineering / prepared by the ASCE Task Committee for the Preparation of the Manual on Sedimentation of the Sedimentation Committee of the Hydraulics Division, 1977, c1975*) for the four different grain sizes shown below.

Grain size(ft)	Settling velocity(ft/sec)
0.00029	0.0223
0.00058	0.0709
0.00116	0.1552
0.00232	0.2606

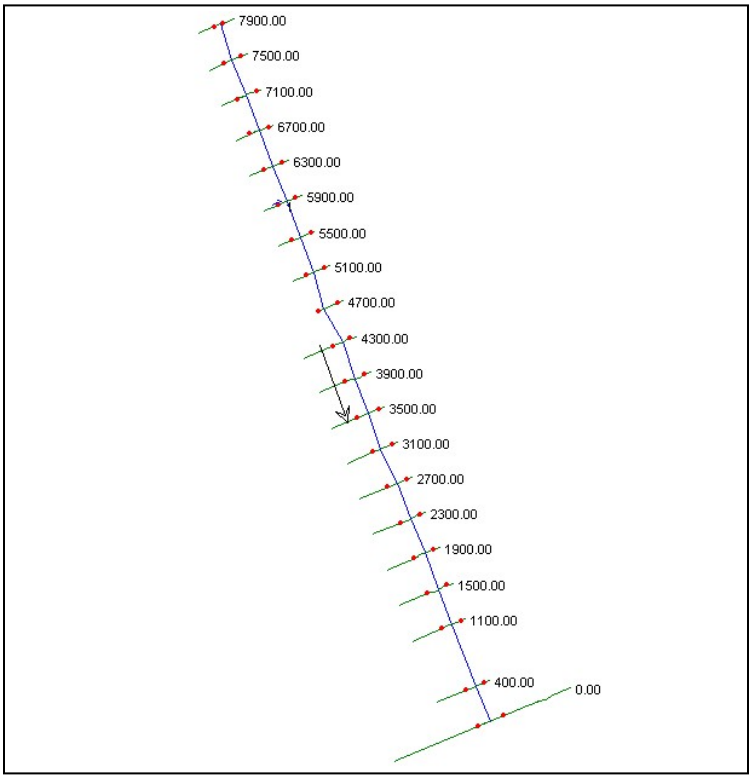

Figure 4: Outflow channel cross sections

Particle Size Distribution Report

% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	5.5	77.4	17.1

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#80	100.0		
#120	99.2		
#200	94.5		

* (no specification provided)

Soil Description

CH

Atterberg Limits

PL= LL= PI=

Coefficients

D_{85}= 0.0726 D_{60}= 0.0660 D_{50}= 0.0629
D_{30}= 0.0210 D_{15}= 0.0033 D_{10}= 0.0011
C_u= 59.67 C_c= 6.03

Classification

USCS= AASHTO=

Remarks

CH

Sample No.: BD-3C **Source of Sample:** MISS. RIVER N.O. HARBOR RENTAL #2-2004 **Date:** OCT 6 2004
Location: **Elev./Depth:**

US Army Corps of Engineers
New Orleans District

Client: X=3,661,995 Y=516,365
Project: MISS RIVER N.O. HARBOR RENTAL #2-2004
Project No: 04-C-0039 **Plate**

Figure 5 – Particle Size Distribution Report

Cross Section	Flow (cfs)	Velocity (ft/sec)	Hydraulic Radius (ft.)	Temp deg F	Top Width (ft.)
7900	2000	1.62	10.57	48	96.72
	4000	3.09	10.99	48	97
	8000	5.43	6.09	48	224.5
5500	2000	1.1	9.02	48	197.87
	4000	2.09	9.32	48	201.9
	8000	3.63	7.6	48	290.5
3100	2000	1	5.98	48	366.8
	4000	1.96	5.12	48	451.8
	8000	3.39	5.61	48	487.3
0	2000	0.78	1.86	48	1947.2
	4000	1.57	1.86	48	1947.2
	8000	3.14	1.86	48	1947.2

Table 2: Cross section data and input variables to the HH091 Sediment Transport Program

Cross Section	Flow (cfs)	Total Sand Trans. Capacity Tons/day	Meas. Sus. Sand Load Tons/day	Unmeas. Sand Load Tons/day
7900	2000	232	207	24.06
	4000	3907	3501	406.53
	8000	127633	114152	13489
5500	2000	35	32	4.01
	4000	2164	1940	225.24
	8000	20025	17944	2082.0
3100	2000	35	31	4.01
	4000	3968	3556	412.3
	8000	26608	23828	2781.2
0	2000	36	33	4.0
	4000	3733	3339	394.25
	8000	77771	69131	8644.4

Table 3: Transport capacities, measured suspended sand load and unmeasured sand load

Based on the analysis, the transport capacity available by the outflow channel without shoaling, is approximately as follows, but it is important to note that transport capacities for all cross sections should be examined before any dredge material is placed in the outflow channel:

2000 cfs – 35 tons/day = 26 cy/day
4000 cfs – 2164 tons/day = 1600 cy/day
8000 cfs – 20,025 tons/day = 14,800 cy/day

4.0 ENGINEERING AND DESIGN GEOTECHNICAL INVESTIGATION

4.1 Alternative Description

A challenge to this site is the fact that the Caernarvon Freshwater Diversion does not have a sediment source readily available in the immediate vicinity. In an effort to locate a borrow source, the reach of river in the general area of the diversion structure was evaluated. The entire left descending river bank, from approximately mile 84 to mile 78 is revetted with articulated concrete mattress, prohibiting the use of a cutterhead dredge for borrow. In addition, water depths along this fairly steep bankline are in excess of 70-feet. In fact, the entire river channel is fairly deep in this relatively narrow reach of channel. The Poydras revetment upstream, was discovered to have an accumulation of sediment at the very upper end and therefore could be a potential dredge borrow source. The path from the borrow source and the Caernarvon Freshwater Diversion structure was analyzed. The following are brief alternative descriptions based on this analysis. In addition to site descriptions, conclusions are presented regarding potential cubic yards (CY) of material that can be moved based on the fiscal construction limit of $750,000.

Freshwater diversion structures not only have source material challenges, but channelized structures create high velocity flows with an increased carrying capacity at the entrance to the project. Once the flow passes the outfall structure into a wider and deeper channel, slower velocities result in sediment shoaling. Sediment in the outfall channel blocks water flow to the system, and requires maintenance to clear.

<u>Alternative 1:</u>

This alternative utilizes two bucket dredges excavating at a loading area, within a 3-mile radius of the diversion structure, and two bucket dredges unloading material barges at the structure.

Alternative 1 Conclusion:

Using Alternative 1, approximately 130,000 CY would be unloaded near the diversion structure. A site visit determined that barges and bucket dredges could not be used to introduce dredged material at the intake of the diversion structure, and that a transfer of dredged material from barges to trucks would be required to introduce the sediment at the beginning of the outfall channel, past the diversion structure.

<u>Alternative 2:</u>

This alternative also utilizes two bucket dredges excavating at a loading area, within a 3-mile radius of the structure, but uses a 16-inch pump to unload the barges.

Alternative 2 Conclusion:

Using alternative 2, approximately 160,000 CY could be pumped about 1,000 to1,500 feet from the material barges. This technique of unloading the barges is not only less expensive, but also will be beneficial in getting the material closer to or through the structure. This alternative appears to be the most cost effective method to get the material into or in front of the structure.

Alternative 3:

This alternative proposes to use the New Orleans Harbor maintenance dredging material to be loaded onto barges, and hauled to the Caernarvon site (a one way haul distance is approximately 20 river miles). The barges would be unloaded using the 16-inch hydraulic pump. The following is the dredging history for the harbor.

Name		Solicitation No.	Contract No.	Dredge Size (in)	Start	Finish	Bid Date	Cubic Yards
Mississippi River NO Harbor	No. 1-93	93-B-0017	93-C-0023	24	10-Jan	4-Mar	16-Dec-92	1,213,543
Mississippi River NO Harbor	No. 2-93	93-B-0035	93-C-0068	24	4-Jun	3-Nov	25-May-93	2,518,259
Mississippi River NO Harbor	No. 1-94	94-B-0007	94-C-0029	24	17-Jan	25-Feb	5-Jan-94	962,827
Mississippi River NO Harbor	No. 2-94	94-B-0008	94-C-0063	24	27-May	19-Aug	18-May-94	1,622,892
Mississippi River NO Harbor	No. 1-95	95-B-0016	95-C-0016	24	30-Jan	13-Mar	18-Jan-95	717,762
Mississippi River NO Harbor	No. 2-95	95-B-0017	95-C-0073	24	4-Jul	16-Aug		
				27	17-Aug	12-Sep	7-Jun-95	1,481,110
Mississippi River NO Harbor	No. 1-96	96-B-0014	96-C-0022	24	18-Jan	8-Feb	8-Jan-96	394,828
Mississippi River NO Harbor	No. 2-96	96-B-0015	96-C-0052	27	14-Jun	11-Aug	5-Jun-96	1,358,714
Mississippi River NO Harbor	No. 1-97	97-B-0001	97_C-0021	30	23-Jan	11-Feb	16-Jan-97	663,777
Mississippi River NO Harbor	No. 4-97	97-B-0094	97-C-0061	27	15-Jun	1-Aug	9-Jun-97	918,104
Mississippi River NO Harbor	No. 2-98	98-B-0012	98-C-0046	30	18-Jun	8-Aug	27-May-98	1,140,410
Mississippi River NO Harbor	No. 2-99	99-B-0005	99-C-0038	30	18-Jun	7-Aug	10-Jun-99	1,526,000
Mississippi River NO Harbor	No. 1-00	00-B-0043	01-C-0021	16	1-Feb	8-Feb		
					6-Mar	19-Mar	24-Jan-01	334,530
Mississippi River NO Harbor	No. 3-00	00-B-0045	00-C-0058	30	5-Jun	19-Jun	23-May-00	427,500
Mississippi River NO Harbor	No. 2-01	01-B-0037	01-C-0046	30	14-May	1-Jun	10-May-01	556,310
Mississippi River NO Harbor	No. 3-01	01-B-0038	01-C-0062	24	28-Aug	20-Sep	8-Aug-01	489,768
Mississippi River NO Harbor	No. 1-02	02-B-0016	03-C-0019	27	8-Feb	27-Feb	30-Jan-03	332,318
Mississippi River NO Harbor	No. 2-02	02-B-0017	02-C-0051	30	18-Jun	27-Jul	14-Jun-02	888,406
Mississippi River NO Harbor	No. 3-02	02-B-0018	02-C-0018	30	19-Jan	4-Feb	9-Jan-02	422,274
Mississippi River NO Harbor	No. 2-03	03-B-0044	03-C-0050	24	9-Aug	19-Sep	30-Jul-03	450,000
Mississippi River NO Harbor	No. 3-03	03-B-0045	03-C-0033	27	16-Apr	8-May	10-Apr-03	260,294

Table 4: Historic Dredging Information for New Orleans Harbor

Alternative 3 Conclusion:

Using alternative 3, approximately 80,000 CY could be pumped about 1,000 to1,500 feet from the transfer barges to the diversion structure. This alternative is more expensive because of the means necessary to load the material from the large dredge into the large barges on the New Orleans Harbor contract, in addition to the 20-mile haul. Due to the expensive of transporting the dredged material, this alternative would not be the best approach .

Alternative 4:

No action

None of the alternatives would produce sufficient quantities within the existing budget to create a net positive impact to the receiving area marsh. Because the receiving area is unconfined, it is impossible to quantify the amount of sediment that would be retained as a result of sediment introduction. As stated in section 4.1 of this report, alternative 2 is the most cost effective method to get the material into or in front of the structure of the three action alternatives. It is important to note that these costs were developed prior to the active hurricane season in 2005. The subsequent years have seen significantly higher dredging costs.

Alternative 4 Conclusion:

As stated previously, Alternative 2 is the most cost effective method to get the material into or in front of the structure of the three action alternatives. However, none of the alternatives were able to produce quantities that have the potential to create positive impacts to the receiving marsh. It is difficult to specify how the sediment would impact the receiving area. This is because the receiving area is unconfined, and there is no mechanism to control the placement of the sediment as it discharges. .Locating and obtaining sufficient quantities of dredged material close to the diversion project is also problematic. Freshwater diversions are sited on cutting banks where shoaling does not occur. Therefore, the least expensive, or closest, source for dredged material may not be available. Additionally, the placement of sediment into the outfall channel could cause shoaling in the channel, which would require maintenance dredging to reestablish the passive operation of the diversion. The likelihood that the additional sediment would make an impact commensurate with the expense of dredging is negligible.

It is important to note that these costs were developed prior to the active hurricane season in 2005. Since then, construction, maintenance and labor costs have increased several times. The cost estimate was not revised, because it could not be shown that the introduction of these quantities of dredged material would have a positive effect on the marsh

De-authorization is recommended for this project.

5.0 RECOMMENDATION

Since all of the alternatives considered did not yield benefits that would justify the expense of construction, it is recommended that this demonstration project be de-authorized.

A site visit with Corps and DNR representatives on November 8, 2007, suggested another possibility for introducing sediment into the system in a cost-effective manner. It was proposed that accumulated river silt and sand could be hydraulically dredged from the left descending bank anywhere between miles 75.4 (Belle Chasse ferry landing) and 73.5 (Stella, LA), conveyed by dredge pipeline over and across the Mississippi River levee, across the fast lands of Plaquemines Parish and the back levee, across the wetlands/open waters of Breton Sound, and introduced into an area, to be specified, immediately south of Big Mar. The distance would be approximately 5 miles from dredge site to placement, requiring pumping to assist flow. The discharge pipeline could be moved periodically to provide a broadcast effect, and to allow the stockpiling of the heavier sands to be distributed in a manner that would not create a barrier to flow within the system.

The suitability of this proposal requires additional information about the sediment location, volume and gradation, and borings previously taken, whether ED and Plaquemines Parish would allow a dredge line across the levees, the location of the cross-country dredge pipeline, best discharge location, plus timing of the discharge and moving the pipeline. Inquiries into real estate, economics and possible hazards to navigation would be required prior to further consideration of this alternative.

6.0 LAND OWNERSHIP INVESTIGATION

Not necessary due to de-authorization.

7.0 PRELIMINARY CULTURAL RESOURCES ASSESSMENT

Not necessary due to de-authorization.

7.0 REVISED PROJECT CONSTRUCTION COST ESTIMATES BASED ON THE CURRENT DESIGN

Alternatives were based on a construction cost limit of $750,000.

8.0 DESCRIPTION OF CHANGES SINCE FUNDING APPROVAL

The basic purpose of the project has not changed although multiple sites have been investigated. The initial site was Naomi Siphon, but hydraulic reports indicated that Naomi was not adequate to carry sediment. At this point, Caernarvon was determined to be the most feasible site suitable for this demonstration.

9.0 DETAILED MONITORING PLAN

Not necessary due to de-authorization.

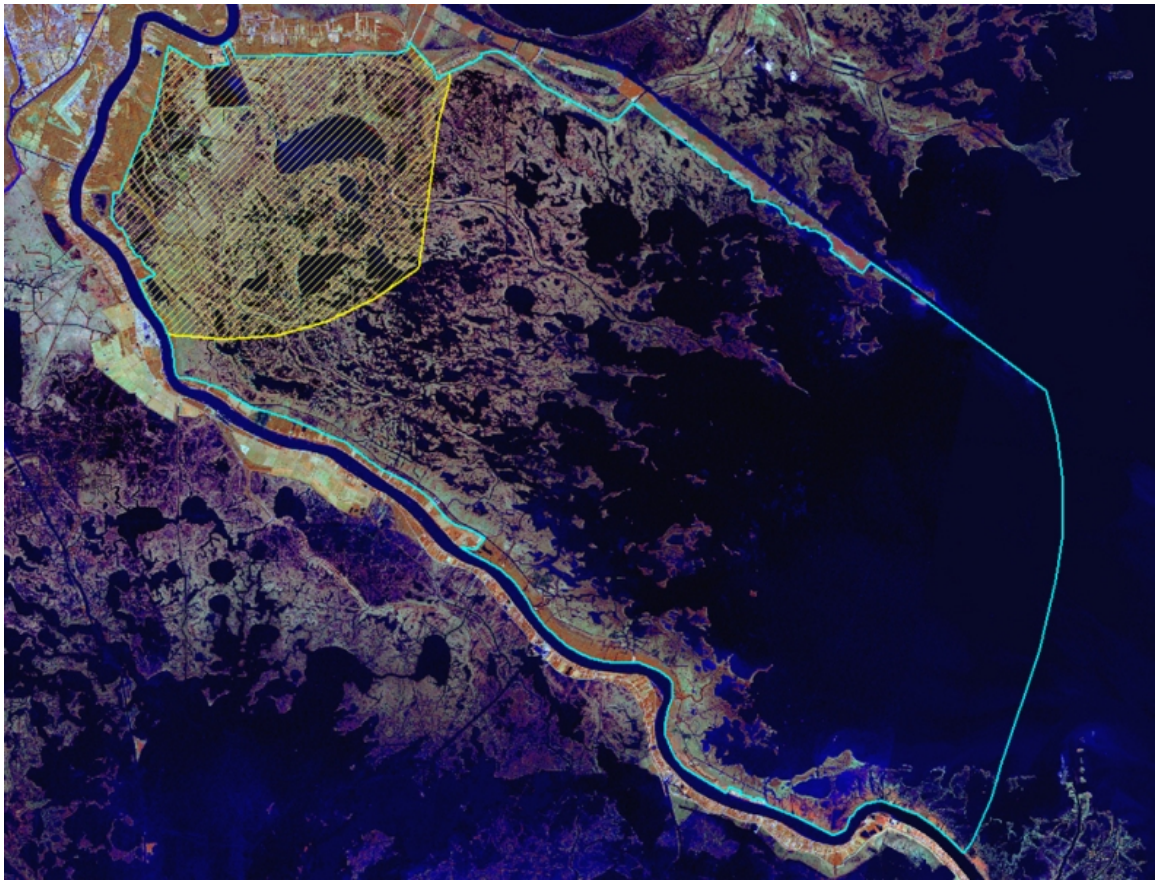

Figure 6: Watershed of Lake Lery 1

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

REPLY TO
ATTENTION OF

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

AUG 28 2008

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

Dear Senator Vitter:

The Louisiana Coastal Wetlands Conservation and Restoration Task Force has initiated procedures to de-authorize the Grand Bayou Hydrologic Restoration (TE-10) Project, located in Lafourche Parish, Louisiana. The US Fish and Wildlife Service (federal sponsor) and the Louisiana Department of Natural Resources (local sponsor) have requested that this project be de-authorized because recent hydrologic modeling indicates salinities would increase in the project area if it is implemented.

The purpose of this project is to address the loss of emergent wetlands in the project area due to subsidence and altered hydrology associated with oil-field access canals, and increased saltwater inflow from Cutoff Canal and Grand Bayou Canal. Project features included: enlargement of the Bayou L'Bleau canal to facilitate freshwater introduction; a relief structure located along Grand Bayou to improve drainage and aid freshwater flow into the bayous West of Grand Bayou; installation of a major water control structure in Bayou Pointe au Chien; construction of the Cutoff Canal structure and tie-in levees to restore hydrology by retaining freshwater and reducing saltwater intrusion. The total amount of funds approved to execute this project including construction, operations maintenance, and monitoring is $8,209,722.

The Coastal Wetlands Planning, Protection and Restoration Act Technical Committee will vote at their September 10, 2008 meeting in Baton Rouge, Louisiana to decide whether or not to recommend Task Force approval to de-authorize the project as described. The Task Force will consider the Technical Committee's recommendation and make a final decision at a public Task Force meeting in New Orleans on October 9, 2008.

The CWPPRA Technical Committee will vote at their September 10, 2008, public meeting in Baton Rouge, Louisiana to decide whether or not to recommend Task Force approval to de-authorize the project as described. The Task Force will consider the Technical Committee's recommendation and make a final decision in a public Task Force meeting in New Orleans on October 9, 2008.

The Task Force is soliciting comments regarding the proposed transfer of this project. Comments should be sent by September 1, 2008, to the following address:

Colonel Alvin B. Lee
Department of the Army
New Orleans District, Corps of Engineers
Attention: PPPMD - Restoration Branch (PM-OR), Mr. Scott Wandell
Post Office Box 60267
New Orleans, Louisiana 70160-0267

If you have questions regarding this action or the CWPPRA Program, please contact Ms. Melanie Goodman, CWPPRA Program Manager at (504) 862-1940.

Sincerely,

Alvin B. Lee

Alvin B. Lee
Colonel, US Army
District Commander

See pages 3 and 4 for copies furnished.

Mr. Garrett Graves
Senior Advisor to the Governor for Coastal Activities
Governor's Office of Coastal Activities
Capitol Annex
1051 North Third Street, Suite 139
Baton Rouge, Louisiana 70802

Mr. William K. Honker
Deputy Director, Water Quality Protection Division
Environmental Protection Agency, Region 6
Water Quality Protection Division (6WQ)
1445 Ross Avenue
Dallas, Texas 75202-2733

Mr. Jim Boggs
Field Supervisor
US Fish and Wildlife Service
Louisiana Field Office
646 Cajundome Boulevard, Suite 400
Lafayette, Louisiana 70506

Mr. Kevin Norton
State Conservationist
Natural Resources Conservation Service
3737 Government Street
Alexandria, Louisiana 71302

Mr. Christopher Doley
Director, National Oceanic and Atmospheric Administration
Office of Habitat Conservation
National Marine Fisheries Service
1315 East-West Highway, Room 14853
Silver Spring, Maryland 20910

Parishes Against Coastal Erosion
Ms. Marnie Winter
Director, Jefferson Parish Department of Environmental Affairs
1221 Elmwood Park Boulevard, Suite 703
Jefferson, Louisiana 70123

Honorable Mary L. Landrieu
United States Senate
Federal Courthouse
707 Florida Street, Room 326
Baton Rouge, Louisiana 70801

Honorable Charlie Melancon
Representative in Congress
404 Cannon House Office Building
Washington, DC 20515

Honorable A. G. Crowe
United States Senate
Post Office Box 94183
Baton Rouge, Louisiana

Honorable Ernest D. Wooton
Representative in Congress
8018 Highway 23, Suite 214
Belle Chasse, Louisiana 70037

Mr. Kerry St. Pe
Barataria Terrebonne National Estuary Program
North Babington Hall
Nichols State University
320 Audubon Street
Thibodaux, Louisiana 70301

Mr. Aaron F. Broussard
Parish President, Jefferson
1221 Elmwood Park Boulevard, Suite 1002
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NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
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NEW ORLEANS, LOUISIANA 70160-0267

REPLY TO ATTENTION OF

AUG 19 2008

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

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

Dear Senator Vitter:

The Louisiana Coastal Wetlands Conservation and Restoration Task Force has initiated procedures to transfer the East/West Grand Terre Islands Restoration (BA-30) Project, located at the mouth of Barataria Bay in Jefferson Parish, Louisiana, from the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA) Program to the Louisiana Coastal Impact Assistance Program (CIAP), to be implemented according to the Louisiana Coastal Impact Assistance Plan.

The purpose of this project is to restore the barrier shoreline of western Grand Terre Island by constructing 40 acres of dune from the Lyle S. St. Amant Marine Biological Laboratory to the US Army Corps of Engineers dredge material disposal area. The original fully funded cost estimate for the CWPPRA project is $36,200,000.

The BA-30 Project is currently identified as a Tier 1 Project in the Louisiana Coastal Impact Assistance Plan, which has been approved by the Department of Interior, Minerals Management Service (MMS). The state will use funds that have been granted by MMS to complete the final design and construct the project.

The CWPPRA Technical Committee will vote at their September 10, 2008 meeting in Baton Rouge, Louisiana to decide whether or not to recommend Task Force approval to transfer the project as described. The Task Force will consider the Technical Committee's recommendation and make a final decision at a public Task Force meeting in New Orleans on October 9, 2008.

The Task Force is soliciting comments regarding the proposed transfer of this project. Comments should be sent by September 4, 2008 to the following address:

Colonel Alvin B. Lee
Department of the Army
New Orleans District, Corps of Engineers
Attention: PPPMD - Restoration Branch (PM-OR), Mr. Scott Wandell
Post Office Box 60267
New Orleans, Louisiana 70160-0267

If you have questions regarding this action or the CWPPRA Program, please contact Ms. Melanie Goodman, CWPPRA Program Manager at (504) 862-1940.

Sincerely,

Alvin B. Lee

Alvin B. Lee
Colonel, US Army
District Commander

See pages 3 and 4 for copies furnished.

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Senior Advisor to the Governor for Coastal Activities
Governor's Office of Coastal Activities
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Deputy Director, Water Quality Protection Division
Environmental Protection Agency, Region 6
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1445 Ross Avenue
Dallas, Texas 75202-2733

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Field Supervisor
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Louisiana Field Office
646 Cajundome Boulevard, Suite 400
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Mr. Kevin Norton
State Conservationist
Natural Resources Conservation Service
3737 Government Street
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Mr. Christopher Doley
Director, National Oceanic and Atmospheric Administration
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Ms. Marnie Winter
Director, Jefferson Parish Department of Environmental Affairs
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Honorable Mary L. Landrieu
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Office – Restoration Branch

AUG 19 2008

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

Dear Senator Vitter:

The Louisiana Coastal Wetlands Conservation and Restoration Task Force has initiated procedures to transfer the Delta Building Diversion at Myrtle Grove (BA-33) Project, located on and adjacent to the west bank of the Mississippi River, in Jefferson and Plaquemines Parishes, Louisiana, from the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA) Program to the Louisiana Coastal Area Program to be implemented according to the 2007 Water Resources Development Act (WRDA).

The purpose of the BA-33 Project is to protect approximately 14,500 acres of coastal wetlands that would be lost over a 20-year period without the proposed project due to high subsidence and altered hydrology associated with navigation and flood control projects and oil and gas exploration and extraction activities. The project is currently approved for engineering and design under the CWPPRA program, and includes: installing gated box culverts on the west bank of the Mississippi River in the vicinity of the community of Myrtle Grove; dedicated dredging from the Mississippi River to create marsh in the vicinity of Bayou Dupont, Barataria Bay Waterway, and Wilkinson Canal; or a combination of these actions. The project is conditionally authorized for construction under the 2007 WRDA, at an estimated cost of $278,300,000.

The CWPPRA Technical Committee will vote at their September 10, 2008, public meeting in Baton Rouge, Louisiana to decide whether or not to recommend Task Force approval to transfer the project as described. The Task Force will consider the Technical Committee's recommendation and make a final decision at a public Task Force meeting in New Orleans on October 9, 2008.

The CWPPRA Technical Committee will vote at their September 10, 2008, public meeting in Baton Rouge, Louisiana to decide whether or not to recommend Task Force approval to de-authorize the project as described. The Task Force will consider the Technical Committee's recommendation and make a final decision in a public Task Force meeting in New Orleans on October 9, 2008.

The Task Force is soliciting comments regarding the proposed transfer of this project. Comments should be sent by September 1, 2008, to the following address:

Colonel Alvin B. Lee
Department of the Army
New Orleans District, Corps of Engineers
Attention: PPPMD - Restoration Branch (PM-OR), Mr. Scott Wandell
Post Office Box 60267
New Orleans, Louisiana 70160-0267

If you have questions regarding this action or the CWPPRA Program, please contact Ms. Melanie Goodman, CWPPRA Program Manager at (504) 862-1940.

Sincerely,

Alvin B. Lee

Alvin B. Lee
Colonel, US Army
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Mr. Garrett Graves
Senior Advisor to the Governor for Coastal Activities
Governor's Office of Coastal Activities
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Deputy Director, Water Quality Protection Division
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COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

November 5, 2008

CWPPRA PROGRAM PROJECTED FUNDING CAPACITY

For Report/Discussion:

Ms. Goodman will report on projections of the CWPPRA program funding capacity and implications for future priority project lists, and options identified by the Technical Committee for future PPLs.

CWPPRA
Future Program Potential

Task Force Meeting
November 5, 2008

Purpose

- Task Force directed the Technical Committee to analyze the future program capacity and provide options for how to use remaining funds in future planning efforts.
  - Discuss the potential future program capacity and implications on future PPL planning
  - Discuss recent construction cost increases and if current PPL project cost estimates should be updated
  - Discuss possible options for future PPLs

Overview

- CWPPRA authorized thru 2019
- CWPPRA funds appropriated through 2009
- Limit on future funds for “new work” (i.e, future PPLs, cost increases…)
- Need to be aware of:
  - Program Funding Limitations
  - Potential Project Funding Increases
  - Potential Project Funding Returns

Background

- Task Force concerned about program funding remaining for new projects.
- The Program could soon be O&M only.
- Need to ensure capacity to fulfill existing obligations
- The Task Force issued task to examine program capacity for new PPLs/projects, based on projected funds into the program and potential project cost increases.
- Preliminary estimate = up to 7 PPLs remaining, including PPL 18 (3-4 projects/PPL).

Current Projection

- Program will receive $413.8 million for “new” work through 2019.
  - (Based on current project estimates and fully funding every project on PPLs 1-17).
  - “New” Work Includes
    - New PPL Projects (Phase I and Phase II costs)
    - Construction and O&M Cost Increases
    - Misc. Const Prog Activity Increases (e.g., Storm Recovery, CRMS)
  - Estimate does not consider
    - Potential deauthorizations/transfers Construction and O&M Cost Decreases

Things to Consider

- Since 2005 Hurricane Season, construction costs have increased significantly and continue to rise due to fuel costs increases.
- Older Economic Analyses do not capture these increases.

Indicators Used to Estimate Future Cost Increases:

- 10 PPL 9-15 projects with fully funded cost estimates updated in Nov 07, average cost increase $7.4 Million
- 7 constructed Non-Cash Flow projects with O&M increases since 2005 hurricanes, average cost increase $870 K (TOTAL $6,082,324).

Future PPL Considerations

- Estimated future program capacity through 2019 for new projects is approximately $681.9 M.
- The Task Force should consider what the “best use” would be for these limited remaining funds.
- The Task Force should ensure that sufficient funds are available for new construction approvals of existing PPL projects, and construction and O&M cost increases for projects already approved for or completed construction.

Options for Future PPLs

1. Continue annual planning cycle to develop new PPL projects with E&D starts for future construction until the projected "new project" end point is reached according to options (a), (b) and (c) below and thereafter, end annual planning cycle.
   a. **Approve up to 4 projects each PPL through 2015, or PPL 24**
   b. **Approve fewer projects each PPL to "stretch" planning years**
   c. **Skip a year between PPLs**
2. Continue with annual planning cycle according to options above through program life to identify new Priority Projects and perform E&D only, but do not approve construction.

Options with Any Scenario

- Review existing projects and deauthorize projects that have low prioritization scores or cost effectiveness.
- Focus on new projects with implementation timelines of five years or less.
- Put funding cap on projects that can be implemented in program.
- Reduce O&M obligations by reviewing project performance and potentially discontinuing O&M for specific projects or features.

Options with Any Scenario, cont'd

- Collaborate with LCA, LACPR, CIAP or other programs to pool funding sources to share cost on efforts that benefit all programs, such as CRMS program, USGS land loss analyses, public education, watermarks...
- Reduce time and planning costs associated with annual PPL preparation and use funds for additional Phase 1 E&D starts each year.

P&E Considerations

- Refine existing PPL Project cost estimates in three groups according to project phase.
- Estimated cost to refine estimates = $166,125
- Evaluating project estimates may not provide a more accurate account of program capacity.
- Preliminary analysis is sufficient to make future PPL decisions.
- Increased level of accuracy may not impact Task Force decisions on future PPL planning.
- Level of effort needed to evaluate project costs would be a significant burden on program resources, and value added would not be commensurate with cost.

Other Things to Consider

- How to address projects that are funded/approved for 20 year project life that extend beyond 2019.
- Assess additional long-term monitoring obligations, both project specific and CRMS.
- Annual Congressional PPL requirement

Coastal Wetlands Planning, Protection and Restoration Act

Fiscal Year 2009 Budget Refinement

Activity	P & E Initial Budget 21-Jul-08 Amount ($) (1)	**Option 1** P & E Recommends to Tech 28-Aug-08 Amount ($) (2a)	**Option 2** P & E Recommends to Tech 28-Aug-08 Amount ($) (2b)	**Option 3** P & E Recommends to Tech 28-Aug-08 Amount ($) (2c)	Tech Committee Recommends Amount ($) (3)	Task Force Approves Amount ($) (4)
General Planning & Program Participation (does not include Supplemental Activites)						
State of Louisiana						
DNR	415,736	412,736	412,736	412,736		
Gov's Ofc	93,900	93,900	93,900	93,900		
LDWF	96,879	96,879	96,879	96,879		
Total State	606,515	603,515	603,515	603,515		
EPA	496,519	496,519	496,519	496,519		
Dept of the Interior						
USFWS	488,196	488,196	488,196	488,196		
NWRC	63,656	63,656	63,656	63,656		
USGS Reston						
USGS-B.R.						
USGS-Woods Hole						
NPS						
Total Interior	551,852	551,852	551,852	551,852		
Dept of Agriculture	609,650	609,650	609,650	609,650		
Dept of Commerce	609,301	602,425	602,425	602,425		
Dept of the Army	1,463,369	1,455,344	1,455,344	1,455,344		
Agency Total	**$4,337,206**	**$4,319,305**	**$4,319,305**	**$4,319,305**		
Complex Studies Funding						
Beneficial Use Sed Trap Below Venice (COE)						
Barataria Barrier Shoreline (NMFS)						
Diversion into Maurepas Swamp (EPA/COE)						
Holly Beach Segmented Breakwaters (DNR)						
Central & Eastern Terrebonne Basin (USFWS)						
Delta Building Diversion Below Empire (COE)						
Total Complex Studies						
Supplemental Tasks						
Academic Advisory Group		112,200	112,200	112,200		
Maint of Web-Based Project Reports	64,026	64,026	64,026	64,026		
Linkage of CWPPRA and LCA						
Core GIS Support for Planning Activities	307,249	307,249	307,249	307,249		
Prog Capacity Eval Part I	2,686		41,935			
Prog Capacity Eval Part 2			29,910	29,910		
Prog Capacity Eval Part 3			94,280	94,280		
GIWW Distributary Report (FY09)		18,000	18,000	18,000		
Report to Congress		109,545	109,545	109,545		
Oyster Lease Database Maint & Analysis						
Oyster Lease Program Mgmt & Impl						
Joint Training						
Update Landloss Maps						
Storm Recovery Procedures (2 events)						
Land-Water Chg Assessment after 2005						
Oyster Relocation Plan						
Subtotal Supplemental	**$373,961**	**$611,020**	**$777,145**	**$735,210**		

Coastal Wetlands Planning, Protection and Restoration Act

Fiscal Year 2009 Budget Refinement

Activity	P & E Initial Budget 21-Jul-08 Amount ($) (1)	**Option 1** P & E Recommends to Tech 28-Aug-08 Amount ($) (2a)	**Option 2** P & E Recommends to Tech 28-Aug-08 Amount ($) (2b)	**Option 3** P & E Recommends to Tech 28-Aug-08 Amount ($) (2c)	Tech Committee Recommends Amount ($) (3)	Task Force Approves Amount ($) (4)
Outreach						
Outreach Committee		443,910	443,910	443,910		
Agency Participation: USACE	6,600	6,600	6,600	6,600		
Agency Participation: USFWS	3,300	3,300	3,300	3,300		
Agency Participation: NWRC	3,300	3,300	3,300	3,300		
Agency Participation: DNR	6,600	6,600	6,600	6,600		
Agency Participation: Ofc of Gov	6,600	6,600	6,600	6,600		
Agency Participation: EPA	6,600	6,600	6,600	6,600		
Agency Participation: NRCS	6,600	6,600	6,600	6,600		
Agency Participation: NMFS	6,600	6,600	6,600	6,600		
Agency Administration: NWRC	26,200	26,200	26,200	26,200		
Dedications Support (no helicopters)						
Helicopter Overflights for Special events (no dedications)						
Outreach Committee Operations Budget:						
Outreach Coordinator - Gabrielle Bodin						
Watermarks						
LaCoast Internet Home Page						
Outreach Assistant/Interpretive Specialist						
Printing, Video, & Graphics Support						
Conference/Exhibit Support						
Travel						
Product Reproduction						
Contractural Support for Outreach Dist						
Awareness Poster Development (COE)						
Broadcast Quality B-roll Aerial Video						
Project Sign Development (NRCS)						
Contract Writer (USGS)						
New Initiative-Science of Rest Video/CD						
New Initiative-						
New Initiative- and Values CD						
Subtotal - Outreach	**$72,400**	**$516,310**	**$516,310**	**$516,310**		
Total Allocated	**$4,783,567**	**$5,446,635**	**$5,612,760**	**$5,570,825**		
Unallocated Balance	216,433	(446,635)	(612,760)	(570,825)	5,000,000	5,000,000
Total Unallocated	1,402,065	738,997	572,872	614,807	6,185,632	6,185,632
(Carry In = $1,185,632)						
$1,185,632						

SPE 19510 – CWPPRA Program Capacity Evaluation Part 1
Update Cost Estimates for Cash Flow Projects Not Approved for Construction
[Corps]

Task Description: Project construction costs have significantly increased since the 2005 hurricanes and more recently due to fuel and material cost increases. Current estimates for CWPPRA projects that have not been funded or otherwise approved for construction are expected to be outdated and lower than the actual future costs would be. As such, it is expected that current estimates of the CWPPRA Program's capacity to meet future anticipated construction funding approvals do not sufficiently reflect reasonably anticipated future construction program costs. As such, the P&E recommends that unit cost estimates, schedules, and economic analysis be updated for all cash-flow projects that have not been approved and funded for construction.

FY 2009 Budget Request: The Planning and Evaluation Subcommittee, and Engineering and Economics Workgroups would be responsible for executing this task. The Corps will take the lead on this supplemental task and all CWPPRA agencies will be engaged consistent with normal Engineering Cost Estimate and Economics review procedures.

Eng	Unit Cost	Unit	Units	Total Estimate
Engineering WG Chair	$1,000	Work Days	5.5	$5,500
Economics WG Chair*	$400	No. of Projects	33	$13,200
USFWS, EngWG	$1,000	Work Days	2	$2,000
NRCS, EngWG	$1,000	Work Days	5.5	$5,500
NMFS, EngWG	$1,000	Work Days	2	$2,000
EPA, EngWG	$1,000	Work Days	2	$2,000
CPRA IIT	$1,000	Work Days	2	$2,000
P&E Chair	$800	Level of Effort	1	$800
Rest of P&E	$500	Level of Effort	5	$2,500
Corps Program Analyst	$195	No. of Projects	33	$6,435
			Total Estimate	$41,935
			Avg Cost/Prj	$1,271

*Work may be distributed among Corps and NRCS

Benefit to CWPPRA: Updating cost estimates of anticipated future funding approvals will enable the Task Force to ascertain and inform the public of the impacts of program funding limits on future Priority Project List development.

Contact: Melanie L Goodman, US Army Corps of Engineers, Protection and Restoration Office, Restoration Branch, (504) 962-1940.

SPE 19520 – CWPPRA Program Capacity Evaluation Part 2
Update Cost Estimates for Projects Approved or Otherwise Funded for Construction
[Corps]

Task Description: The P&E recommends that engineering cost estimates, schedules, and economic analysis be updated for all projects that have been approved or otherwise funded for construction. Project construction costs have rapidly and significantly increased since the 2005 hurricanes and more so recently due to fuel and material cost increases. These increases are evident in the recent trend in CWPPRA projects needing construction cost increases. Current estimates for CWPPRA projects that have been approved or otherwise funded, but have not yet awarded construction contracts, are anticipated to be outdated and lower than the actual construction costs will be. As such, these project cost estimates need to be updated so that the Task Force will be better able to forecast and weigh the impacts of likely construction funding increases on annual construction program budgets.

FY 2009 Budget Request: Project lead federal and local sponsors will be responsible for updating construction and O&M engineering estimates, schedules and coordinating economic analyses based on current project features. These tasks will be charged to individual project budgets. The Engineering Workgroups will review estimates and schedules and the Economics Workgroup will prepare updated Economic Analysis at the expense of the CWPPRA Planning Budget. The Corps will be the lead on this supplemental task and all CWPPRA agencies will be engaged consistent with normal Engineering Cost Estimate and Economics review procedures.

Eng	Unit Cost	Unit	Units (#Prjs)	Total Estimate
Engineering WG Chair	$1,000	Work Days	4.5	$4,500
Economics WG Chair*	$400	No. of Projects	17	$6,800
USFWS, EngWG	$1,000	Work Days	1	$1,000
NRCS, EngWG	$1,000	No. of Projects	4.5	$4,500
NMFS, EngWG	$1,000	Work Days	1	$1,000
EPA, EngWG	$1,000	Work Days	1	$1,000
CPRA IIT	$1,000	Work Days	1	$1,000
P&E Chair	$2,000	Level of Effort	1	$2,000
Rest of P&E	$500	Level of Effort	5	$2,500
Corps Program Analyst	$330	No. of Projects	17	$5,610
			Total Estimate	$29,910
			Avg Cost/Prj	$1,759

*Work may be distributed among Corps and NRCS

Benefit to CWPPRA: Updating cost estimates of projects approved or funded for construction will enable the Task Force to ascertain and inform the public of the impacts of cost increases on annual construction program budgets and future Priority Project List development.

Contact: Melanie L Goodman, US Army Corps of Engineers, Protection and Restoration Office, Restoration Branch, (504) 962-1940.

SPE 19530 – CWPPRA Program Capacity Evaluation Part 3
Update Operation and Maintenance Cost Estimates for Constructed Projects
[CPRA IT]

Task Description: O&M costs have significantly increased since the 2005 hurricanes and more recently due to fuel and material cost increases. Current CWPPRA O&M cost estimates are expected to be lower than the actual future costs needs, and may not reflect reasonably anticipated future program costs. The P&E recommends that O&M unit cost estimates, schedules, and economic analyses be updated for all constructed or projects in construction (75 constructed and 16 in construction; total 91 projects).

FY 2009 Budget Request: CPRA IT (DNR) O&M managers, Federal-sponsor project managers, and the Engineering and Economics Workgroups would be responsible for executing this task. All CWPPRA agencies will review the draft results consistent with normal Engineering Cost Estimate and Economics review procedures.

Eng	Unit Cost	Unit	Units	Total Estimate
CPRA IT O&M Supervisor	$60	No. of Projects	54	$3,240
CPRA IT O&M Staff	$420	No. of Projects	54	$22,680
Federal Sponsor Managers Review	$60	No. of Projects	54	$3,240
Engineering WG Chair	$1,000	Work Days	6.5	$6,500
Economics WG*	$400	No. of Projects	54	$21,600
USFWS, EngWG	$1,000	Work Days	3	$3,000
NRCS, EngWG	$1,000	Work Days	6.5	$6,500
NMFS, EngWG	$1,000	Work Days	3	$3,000
EPA, EngWG	$1,000	Work Days	3	$3,000
CPRA IIT	$1,000	Work Days	3	$3,000
P&E Chair	$200	Level of Effort	1	$200
P&E Subcommittee	$100	Level of Effort	5	$500
Corps Program Analyst (Gay)	$330	No. of Projects	54	$17,820
			Total Task Cost	$94,280
			Average Cost/Prj	$1,347

*Work may be distributed among Corps and NRCS

Benefit to CWPPRA: Updating O&M costs for constructed projects will enable the Task Force to better determine and inform the public of the impacts of program funding limits on future Priority Project List development.

Contact: Melanie L Goodman, US Army Corps of Engineers, Protection and Restoration Office, Restoration Branch, (504) 862-1940.

Coastal Wetlands Planning, Protection, and Restoration Act

Fiscal Year 2009 Planning Schedule and Budget

P&E Committee Recommendation, 28 August 2008
Tech Committee Recommendation,
Approved by Task Force,

$1,185,632 = Available Surplus

					CWPPRA COSTS											
TASK			Duration		Dept of Defense	Department of Interior			State of Louisiana			EPA	Deptartment of Agriculture	Deptartment of Commerce		
Task Category	Task No.	Description	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	CPRA IT	LDWF	GOCA	EPA	NRCS	NMFS	Other	Total
PPL 18 TASKS																
PL	18600	TF Selection and Funding of the 18th PPL (1 meeting)	1/21/09	1/21/09	5,210	9,443			3,702	1,502	1,600	3,582	6,092	9,465		40,596
PL	18700	PPL 18 Report Development	2/18/09	7/31/09	45,632	2,621			1,862			0	366	3,101		53,582
PL	18800	Corps Upward Submittal of the PPL 18 Report	8/1/09	8/1/09	1,047							0	0			1,047
PL	18900	Corps Congressional Submission of the PPL 18 Report	9/1/09	9/1/09	1,052								0			1,052
				FY09 Subtotal PPL 18 Tasks	**52,941**	**12,064**	**0**	**0**	**5,564**	**1,502**	**1,600**	**3,582**	**6,458**	**12,566**	**0**	**96,277**
PPL 19 TASKS																
PL	**19200**	**Development and Nomination of Projects**														
PL	19210	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.	10/13/08	1/5/09	1,025				4,067			0	366	0		5,458
PL	19220	Sponsoring agencies prepare fact sheets (for projects and demos) and maps prior to and following RPT nomination meetings.	10/13/08	2/15/09	58,883	32,765			10,652			34,770	91,881	19,308		248,259
PL	19230	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)	1/26/09	1/28/09	19,060	14,562			10,548	4,506	3,000	6,828	11,320	13,438		83,262
PL	19240	RPT Voting meeting (20 nominees and up to 6 demos)	2/18/09	2/18/09	5,247	2,621			2,653	1,502	800	2,236	1,385	4,827		21,271
PL	**19300**	**Ranking of Nominated Projects**														

Coastal Wetlands Planning, Protection, and Restoration Act

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					CWPPRA COSTS											
TASK			Duration		Dept of Defense	Department of Interior			State of Louisiana			EPA	Deptartment of Agriculture	Deptartment of Commerce		
Task Category	Task No.	Description	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	CPRA IT	LDWF	GOCA	EPA	NRCS	NMFS	Other	Total
PL	19320	Engr Work Group prepares preliminary fully funded cost ranges for nominees.	3/5/09	3/20/09	1,068	2,621			4,437		1,500	4,228	6,747	4,827		25,428
PL	19330	Environ/Engr Work Groups review nominees	4/2/09	4/3/09	1,275	8,155			4,212	2,253	1,500	3,252	5,639	4,827		31,113
PL	19340	WGs develop and P&E distributes project matrix	4/1/09	4/1/09	1,348	2,330			2,658			2,820	198	4,827		14,181
PL	19350	TC selection of PPL 19 candidates (10) and demo candidates (up to 3)	4/15/09	4/15/09	2,348	2,621			2,847	2,253	500	3,216	3,270	4,827		21,882
PL	**19400**	**Analysis of Candidates**														
PL	19410	Sponsoring agencies coordinate site visits for all projects	5/1/09	7/15/09	35,449	21,479			17,391	13,518		31,744	38,424	28,828		186,833
PL	19420	Engr/Environ Work Group refine project features and determine boundaries	5/1/09	9/30/09	8,132	16,382			9,321	13,518	2,000	5,204	7,716	10,337		72,610
PL	19430	Sponsoring agencies develop project information for WVA; develop designs and cost estimates (projects and demos)	5/1/09	9/30/09	36,504	38,225			37,992			39,984	59,116	51,640		263,461
PL	19440	Environ/Engr Work Groups project-wetland benefits (with WVA)	5/1/09	9/30/09	27,513	26,212			15,402	4,506	2,000	17,064	9,854	36,180		138,731
PL	19450	Engr Work Group reviews/approves Ph 1 and Ph 2 cost estimates from sponsoring agencies, incl cost estimates for demos	5/1/09	9/30/09	14,796	3,932			8,179		1,000	10,358	4,058	14,481		56,804
PL	19460	Economic Work Group reviews cost estimates, adds monitoring, O&M, etc., and develops annualized costs	5/1/09	10/15/09	17,012	1,675			1,630			0	7,512	1,034		28,863
PL	19475	Envr and Eng WG's prioritization of PPL 19 projects and demos	5/1/09	10/15/09	4,208	8,155			5,870	2,253	1,000	4,228	8,116	4,827		38,657
PL	19480	Prepare project information packages for P&E.	5/1/09	11/10/09	7,534	7,645			2,483			1,952	178	4,827		24,619
PL	19485	P&E holds 2 Public Meetings	11/17/09	11/18/09	10,683	4,005			4,754	4,506	500	2,396	4,920	1,034		32,798
PL	19490	TC Recommendation for Project Selection and Funding	12/2/09	1/20/10	2,731	6,553			1,829	2,253	500	2,252	4,666	2,896		23,680
				FY09 Subtotal PPL 19 Tasks	**254,816**	**199,938**	**0**	**0**	**146,925**	**51,068**	**14,300**	**172,532**	**265,366**	**212,964**	**0**	**1,317,909**

Coastal Wetlands Planning, Protection, and Restoration Act

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					CWPPRA COSTS											
TASK			Duration		Dept of Defense	Department of Interior			State of Louisiana			EPA	Deptartment of Agriculture	Deptartment of Commerce		
Task Category	Task No.	Description	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	CPRA IT	LDWF	GOCA	EPA	NRCS	NMFS	Other	Total
Project and Program Management Tasks																
PM	19100	Program Management--Coordination	10/1/08	9/30/09	469,653	92,469	27,986		61,964	2,253	60,000	99,497	108,183	90,491		1,012,496
PM	19110	Program Management--Correspondence	10/1/08	9/30/09	43,368	27,240	7,900		25,138	2,253		29,921	42,607	47,033		225,460
PM	19120	Prog Mgmt--Budget Development and Oversight	10/1/08	9/30/09	68,175	16,382	6,711		10,973	1,502	1,000	102,253	49,127	64,800		320,923
PM	19130	Program and Project Management--Financial Management of Non-Cash Flow Projects	10/1/08	9/30/09	67,013	10,557			17,718			0	18,083	33,779		147,150
PM	19200	P&E Meetings (3 meetings preparation and attendance)	10/1/08	9/30/09	19,348	9,443	4,924		5,291	4,506	500	9,516	13,053	15,506		82,087
PM	19210	Tech Com Mtngs (4 mtngs including three public and one off-site; prep and attend)	10/1/08	9/30/09	133,007	29,124	7,516		17,303	11,265	3,500	10,252	17,665	19,308		248,940
PM	19220	Task Force mtngs (4 mtngs, including three public and one executive session; prep and attend)	10/1/08	9/30/09	148,246	32,765	8,619		24,151	9,012	7,000	17,378	29,095	41,160		317,426
PM	19400	Agency Participation, Review 30% and 95% Design for Phase 1 Projects	10/1/08	9/30/09	47,759	11,650			10,347	6,008	1,500	12,684	5,877	14,481		110,306
PM	19410	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 FY09. Assume 3 will require Eng or Env WG review; 2 labor days for each.]	10/1/08	9/30/09	11,125	11,650			5,956	7,510	3,000	3,904	6,450	10,337		59,932
PM	19500	Helicopter Support: Helicopter usage for the PPL process.	10/1/08	9/30/09	0	25,085							0			25,085
PM	19600	Miscellaneous Technical Support	10/1/08	9/30/09	139,893	9,829			81,406		1,500	35,000	47,686	40,000		355,314
				FY09 Subtotal Project Management Tasks	**1,147,587**	**276,194**	**63,656**	**0**	**260,247**	**44,309**	**78,000**	**320,405**	**337,826**	**376,895**	**0**	**2,905,119**
				FY09 Total for PPL Tasks	**1,455,344**	**488,196**	**63,656**	**0**	**412,736**	**96,879**	**93,900**	**496,519**	**609,650**	**602,425**	**0**	**4,319,305**

Coastal Wetlands Planning, Protection, and Restoration Act

Fiscal Year 2009 Planning Schedule and Budget

P&E Committee Recommendation, 28 August 2008
Tech Committee Recommendation,
Approved by Task Force,

$1,185,632 = Available Surplus

					CWPPRA COSTS											
TASK			Duration		Dept of Defense	Department of Interior			State of Louisiana			EPA	Deptartment of Agriculture	Deptartment of Commerce		
Task Category	Task No.	Description	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	CPRA IT	LDWF	GOCA	EPA	NRCS	NMFS	Other	Total
SUPPLEMENTAL PLANNING AND EVALUATION TASKS																
SPE	19100	Academic Advisory Group [NOTE: MOA between sponsoring agency and LUMCON available through FY19.] [Prospectus, page 6-7]	10/1/08	9/30/09							0				112,200	112,200
SPE	19200	Maintenance of web-based project reports and website project fact sheets. [NWRC Prospectus, pg 8] [Corps Prospectus, pg 9] [LDNR Prospectus, pg 10]	10/1/08	9/30/09	4,218		45,200		14,608							64,026
SPE	19300	Prepare Evaluation Report to Congress NOTE: next update in FY 09 budget	10/1/08	9/30/09	6,540	6,540	81,750		3,270			3,270	3,270	3,270	1,635	109,545
SPE	19400	Core GIS Support for CWPPRA Task Force Planning Activities. [NWRC Prospectus, pg 11] [LDNR Prospectus, page 12]	10/1/08	9/30/09			296,294		10,955							307,249
SPE	19510	CWPPRA Program Capacity Evaluation Part I, Update Cost Estimates for Cash Flow Projects Not Approved for Construction	10/1/08	9/30/09	0	0			0			0	0	0		0
SPE	19520	CWPPRA Program Capacity Evaluation Part 2, Update Cost Estimates for Cash Flow Projects Approved or Otherwise Funded for Construction	10/1/08	9/30/09	0	0	0	0	0	0	0	0	0	0		0
SPE	19530	CWPPRA Program Capacity Evaluation Part 3, Update O&M Cost Estimates for Constructed Projects	10/1/08	9/30/09	0	0	0	0	0	0	0	0	0	0		0
SPE	19600	Report on The Gulf Intracoastal Waterway as a Distributary of Mississippi River Water to Coastal Louisiana Marshes	10/1/08	9/30/09			18,000									18,000
				FY09 Total Supplemental Planning & Evaluation Tasks	**10,758**	**6,540**	**441,244**	**0**	**28,833**	**0**	**0**	**3,270**	**3,270**	**3,270**	**113,835**	**611,020**
				FY09 Agency Tasks Grand Total	**1,466,102**	**494,736**	**504,900**	**0**	**441,569**	**96,879**	**93,900**	**499,789**	**612,920**	**605,695**	**113,835**	**4,930,325**
Otrch	19100	Outreach - Committee Funding	10/1/08	9/30/09											443,910	443,910
Otrch	19200	Outreach - Agency	10/1/08	9/30/09	6,600	3,300	29,500		6,600		6,600	6,600	6,600	6,600		72,400
				FY09 Total Outreach	**6,600**	**3,300**	**29,500**	**0**	**6,600**	**0**	**6,600**	**6,600**	**6,600**	**6,600**	**443,910**	**516,310**
				Grand Total FY09	**1,472,702**	**498,036**	**534,400**	**0**	**448,169**	**96,879**	**100,500**	**506,389**	**619,520**	**612,295**	**557,745**	**5,446,635**
				Disallowances												
				Proposed Revised Grand Total FY09	**1,472,702**	**498,036**	**534,400**	**0**	**448,169**	**96,879**	**100,500**	**506,389**	**619,520**	**612,295**	**557,745**	**5,446,635**

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

November 5, 2008

TASK FORCE FAX VOTE APPROVAL ON USACE AND LACPRA REQUEST TO INCREASE THE CONSTRUCTION BUDGET FOR THE PPL 8 - SABINE REFUGE MARSH CREATION PROJECT, CYCLE 2 (CS-28-2)

For Report/Decision/Vote:

The Task Force, by Fax vote, approved a request by the U.S. Army Corps of Engineers (USACE) and the Louisiana Coastal Protection and Restoration Authority (LACPRA) for a construction budget increase request for the PPL 8 - Sabine Refuge Marsh Creation Project, Cycle 2 (CS-28-2). The Task Force approved an increase in the project construction budget in the amount of $5,000,000, including immediate funding in the amount of $2,060,351, to construct a permanent sediment delivery pipeline. Bids for the pipeline construction were greater than the government's maximum awardable amount, and a contract was therefore not awarded. As such, the pipeline will not be constructed in time to meet the FY 09 maintenance dredging schedule for the Calcasieu Ship Channel. At the October 9, 2008 Technical Committee meeting, Mr. Kirk Rhinehart notified the Technical Committee that the State of Louisiana would pursue beneficial use of the dredge material from the FY 09 maintenance event with a temporary pipeline using State funds. The USACE project manager will provide a status on the proposed path forward including a request to change the project scope. The Technical Committee recommends that the project scope be changed to eliminate the marsh creation feature from Cycle 2.

Technical Committee Recommendation:

The Technical Committee recommends that the Task Force approve the requested change in scope for the Sabine Marsh Creation Project, Cycle 2, by removing the marsh creation feature.

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

REPLY TO
ATTENTION OF:

CEMVN-PM-OR

1 3 JUN 2008

MEMORANDUM FOR Louisiana Coastal Wetlands Conservation and Restoration Task Force

SUBJECT: Recommendation to increase the construction budget for the PPL 8 - Sabine Refuge Marsh Creation Project, Cycle 2 (CS-28-2)

1. The U.S. Army Corps of Engineers (USACE) and Louisiana Department of Natural Resources (LDNR) are requesting to increase the construction budget for the Sabine Refuge Marsh Creation Project, Cycle 2 (CS-28-2) in the amount of $5,000,000, including immediate funding in the amount of $2,060,351, for construction of a permanent sediment delivery pipeline. The remaining budgeted funds will be used for the incremental cost of beneficial use of maintenance dredging material to create 230 acres of marsh. The pipeline is intended to be reused for future CWPPRA project cycles to create an additional 460 acres of marsh.

2. There is an immediate need for a construction funding increase in the amount of $2,060,351 in order to open bids for the pipeline contract. If these funds are approved by the Task Force, then additional funding approval for the marsh creation construction contract may be requested after the pipeline contract has been awarded, and after an updated government estimate is provided for the marsh creation contract. The project sponsors anticipate that the maximum total construction budget increase for both the pipeline and the marsh creation contract will be $5,000,000. The requested $5,000,000 construction budget increase would increase the approved fully funded estimate for Cycle 2 from $11,583,553 to $16,583,553. The requested $2,060,351 immediate funding increase would increase the approved project funded estimate from $11,583,553 to $13,643,904. The $5,000,000 budget increase would increase the cost per acre (i.e., reduce the cost effectiveness) for Cycle 2 from $50,363/acre to $72,102/acre.

3. On behalf of USACE and LDNR, I request a fax vote from the Task Force (in accordance with the Standard Operating Procedures, Revision 14, page 20) regarding the recommended increase in construction funds. Please consider the following motion:

The CWPPRA Task Force approves the Technical Committee's recommendation to increase the construction budget for the PPL 8 - Sabine Refuge Marsh Creation Project, Cycle 2 (CS-28-2) in the amount of $5,000,000, including immediate funding in the amount of $2,060,351.

4. We have included a copy of correspondence from USACE requesting to increase the construction budget for the PPL 8 - Sabine Refuge Marsh Creation Project, Cycle 2 (CS-28-2) (Encl 1).

CEMVN-PM-OR
SUBJECT: Recommendation to increase the construction budget for the PPL 8 - Sabine Refuge Marsh Creation Project, Cycle 2 (CS-28-2)

5. Please use the enclosed facsimile transmittal form to submit your vote (Encl 2). Please fax your completed form to the U.S. Army Corps of Engineers at (504) 862-1892 or email a scanned copy to Melanie.L.Goodman@usace.army.mil by COB Wednesday, 18 June 2008.

6. If you have any questions concerning this request please contact Ms. Melanie L. Goodman, CWPPRA Program Manager, at (504) 862-1940.

ALVIN B. LEE
Colonel, EN
Commanding

2 Encls
1. USACE and LDNR Fax Vote Request and supporting information
2. Fax Vote Form

CF via email (w/encl):
Mr. Garret Graves, LA Office of the Governor
Mr. William Honker, Environmental Protection Agency
Mr. Jim Boggs, U.S. Fish and Wildlife Service
Mr. Kevin Norton, Natural Resource Conservation Service
Mr. Chris Doley, National Oceanic and Atmosphere Administration
Mr. Darryl Clark, U.S. Fish and Wildlife Service
Mr. Kirk Rhinehart, LA Department of Natural Resources
Mr. Rick Hartman, National Marine and Fisheries Service
Ms. Sharon Parrish, Environmental Protection Agency
Mr. Britt Paul, Natural Resource Conservation Service

FACSIMILE TRANSMITTAL HEADER SHEET

Agency	NAME/OFFICE SYMBOL	OFFICE TELEPHONE NO.	OFFICE FAX NO.
FROM			
U.S. EPA	Bill Honker	214-665-3187	214-665-7373
TO			
USACE	Melanie L. Goodman CWPPRA Program Manager	(504) 862-1940	(504) 862-1892

Classification	Precedence	No. Pages Including Header	Date/time	Releaser's Signature
		1	6/16/2008	Melanie Goodman

REMARKS:

The Motion:

The CWPPRA Task Force approves the Technical Committee's recommendation to increase the construction budget for the PPL 8 - Sabine Refuge Marsh Creation Project, Cycle 2 (CS-28-2) in the amount of $5,000,000, including immediate funding in the amount of $2,060,351.

Please check one of the following:

[X] I approve the motion as stated above.

[ ] I do NOT approve the motion as stated above.

Signed,

Task Force Member Name

6/18/08

Date

FACSIMILE TRANSMITTAL HEADER SHEET

Agency	NAME/OFFICE SYMBOL	OFFICE TELEPHONE NO.	OFFICE FAX NO.
FROM USDA/NRCS	Kevin D. Norton	318-473-7751	318-473-7626
TO USACE	Melanie L. Goodman CWPPRA Program Manager	(504) 862-1940	(504) 862-1892

Classification	Precedence	No. Pages *Including Header*	Date/time	Releaser's Signature
		1	6/16/2008	Melanie Goodman

REMARKS:

The Motion:

The CWPPRA Task Force approves the Technical Committee's recommendation to increase the construction budget for the PPL 8 - Sabine Refuge Marsh Creation Project, Cycle 2 (CS-28-2) in the amount of $5,000,000, including immediate funding in the amount of $2,060,351.

Please check one of the following:

[✓] I approve the motion as stated above.

[ ] I do NOT approve the motion as stated above.

Signed,

W. Britt Paul, ASTC acting for
Kevin D. Norton, STC

6-18-08
18-Jun-08

FACSIMILE TRANSMITTAL HEADER SHEET

Agency	NAME/OFFICE SYMBOL	OFFICE TELEPHONE NO.	OFFICE FAX NO.
FROM USFWS	Jim Boggs	337/291-31115	337/291-3139
TO USACE	Melanie L. Goodman CWPPRA Program Manager	(504) 862-1940	(504) 862-1892

Classification	Precedence	No. Pages *Including Header*	Date/time	Releaser's Signature.
		1	6/16/2008	Melanie Goodman

REMARKS:

The Motion:

The CWPPRA Task Force approves the Technical Committee's recommendation to increase the construction budget for the PPL 8 - Sabine Refuge Marsh Creation Project, Cycle 2 (CS-28-2) in the amount of $5,000,000, including immediate funding in the amount of $2,060,351.

Please check one of the following:

[XXXXXXX] I approve the motion as stated above.

[ ] I do NOT approve the motion as stated above.

Signed,

[redacted] 6/17/08 [redacted]

FACSIMILE TRANSMITTAL HEADER SHEET

Agency	NAME/OFFICE SYMBOL	OFFICE TELEPHONE NO.	OFFICE FAX NO.
FROM NOAA Fsheries	Christopher D. Doley	(301) 713-0174	(301) 713-0184
TO USACE	Melanie L. Goodman CWPPRA Program Manager	(504) 862-1940	(504) 862-1892

Classification	Precedence	No. Pages *Including Header*	Date/time	Releaser's Signature
		1	6/16/2008	Melanie Goodman

REMARKS:

The Motion:

The CWPPRA Task Force approves the Technical Committee's recommendation to increase the construction budget for the PPL 8 - Sabine Refuge Marsh Creation Project, Cycle 2 (CS-28-2) in the amount of $5,000,000, including immediate funding in the amount of $2,060,351.

Please check one of the following:

[X] I approve the motion as stated above.

[ ] I do NOT approve the motion as stated above.

Signed,

Christopher D. Doley

Christopher D. Doley

6-18-2008

Date

CEMVN-PM-OR 9 June 08

MEMORANDUM FOR Executive Office/ ATTN: Thomas Holden

SUBJECT: CWPPRA Sabine Marsh Creation Project, Cycle 2 (CS-28-2), request for Task Force FAX Vote approval for construction budget and funding increase.

1. The Corps of Engineers, with concurrence from the Louisiana Department of Natural Resources and the U.S. Fish and Wildlife Service (see attached communications) requests Technical Committee and Task Force Fax Vote approval for a construction budget increase in the amount of $5,000,000, including an immediate funding increase in the amount of $2,060,351 for the Sabine Marsh Creation Project, Cycle 2, which includes construction of a permanent sediment delivery pipeline and beneficial use of maintenance dredging material to create 230 acres of marsh. The pipeline is intended to be reused for future CWPPRA project cycles to create an additional 460 acres of marsh.

2. The subject project entails two separate contracts: 1) to construct the permanent sediment delivery pipeline that was scheduled for bid opening Thursday, May 29, 2008; and 2) for the incremental work required to beneficially use maintenance dredge material for marsh creation, which is scheduled to be advertised by August 31, 2008.

3. The pipeline construction cost has directly and indirectly increased due to fuel cost increases and limited availability of steel. We anticipate that the construction cost for the marsh creation component will continue to increase due to rising fuel prices as well.

4. The current approved project construction budget does not have sufficient funds to cover the maximum awardable reasonable construction contract cost (25% over government estimate) for the pipeline. Also, the budget does not have sufficient funds to cover the marsh creation contract.

5. The Corps must certify that there are sufficient funds available to cover the maximum awardable reasonable construction contract cost before we can conduct a bid opening for the pipeline. As such, the bid opening has been postponed indefinitely and will be reestablished if additional funds are approved.

6. There is an immediate need for a construction funding increase in the amount of $2,060,351 in order to open bids for the pipeline contract. If these funds are approved by the Task Force, then additional funds for the marsh creation construction contract will be requested after the pipeline contract has been awarded, in the event the award is less than the maximum awardable reasonable construction contract cost, and after an updated government estimate is provided for the marsh creation contract. We anticipate that the maximum total construction budget increase for both the pipeline and the marsh creation contract will be $5,000,000.

7. The requested $5,000,000 construction budget increase would increase the approved fully funded estimate for Cycle 2 from $11,583,553 to $16,583,553. The requested $2,060,351 funding increase would increase the approved project funded estimate from $11,583,553 to $13,643,904.

8. The $5,000,000 budget increase would increase the cost per acre (i.e., reduce the cost effectiveness) for Cycle 2 from $50,363/acre to $72,102/acre. However, since the pipeline is also intended to be used for Cycles 4 and 5, the long-term cost effectiveness for Cycles 2, 4, and 5, as illustrated below, is estimated to be $32,388/acre.

Sabine MC	Acres Created	Current Fully Funded Cost Estimate	Current Cost Effectiveness	Proposed Revised Fully Funded Estimate	Proposed Revised Cost Effectiveness
Cycle 2	230	$11,583,553	$50,363	$16,583,553	$72,102
Cycle 4	230	$3,630,831	$15,786	$3,630,831	$15,786
Cycle 5	230	$2,133,439	$9,275	$2,133,439	$9,275
Average	230	$5,786,607	$25,142	$7,449,274	$32,388

9. Please note that this project does not have any maintenance requirements.

10. POC, Fay V. Lachney, ext. 2309.

Melanie Goodman, Senior Project Manager
Restoration Branch

Lachney, Fay V MVN

From: Goodman, Melanie L MVN
Sent: Thursday, May 29, 2008 11:12 AM
To: 'Robert_Dubois@fws.gov'
Cc: 'Darrell Pontiff'; Lachney, Fay V MVN; Browning, Gay B MVN; Creel, Travis J MVN; Gallagher, Anne E MVN-Contractor
Subject: FW: CWPPRA Sabine Refuge Marsh Creation Construction Cost Increase

Attachments: DRAFT MEMO FOR SABINE CONSTRUCTION FUNDING INCREASE.doc

DRAFT MEMO FOR SABINE CONSTRUC..

Thanks Robert, once we get concurrence from DNR we will request the Fax Vote...

-----Original Message-----
From: Robert_Dubois@fws.gov [mailto:Robert_Dubois@fws.gov]
Sent: Thursday, May 29, 2008 11:01 AM
To: Goodman, Melanie L MVN
Subject: RE: CWPPRA Sabine Refuge Marsh Creation Construction Cost Increase

Melanie,
As the cosponsor for the Sabine Refuge Marsh Creation Project the FWS concurs with the request for $2,060,351 in order to certify that we have the capability to award a contract for the pipeline.

Thanks for the time you dedicated to this problem.
Robert T. Dubois
Fish and Wildlife Biologist
Ecological Services
646 Cajundome Blvd., Suite 400
Lafayette, LA 70506
Work - 337-291-3127
Fax - 337-291-3139

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

05/28/2008 04:13 PM

To <Robert_Dubois@fws.gov>, "Darrell Pontiff" <Darrell.Pontiff@LA.GOV>

cc "Lachney, Fay V MVN" <Fay.V.Lachney@usace.army.mil>

Subject RE: CWPPRA Sabine Refuge Marsh Creation Construction Cost Increase

Lachney, Fay V MVN

From: Darrell Pontiff [Darrell.Pontiff@LA.GOV]
Sent: Monday, June 09, 2008 8:55 AM
To: Lachney, Fay V MVN
Subject: Sabine Refuge CS-28

Fay:

FYI as discussed earlier today. Please call if you have any questions or need additional information.

Thanks,

Darrell J. Pontiff, P.E.
Engineer 4
Louisiana Department of Natural Resources Coastal Engineering Division Lafayette Field Office
635 Cajundome Blvd.
P.O. Box 62027
Ph. (337) 482-0683 Fax (337) 482-0685
email: darrell.pontiff@la.gov

-----Original Message-----
From: Chris Knotts
Sent: Tuesday, June 03, 2008 5:46 PM
To: Darrell Pontiff
Cc: Patrick Landry; David Burkholder
Subject: FW:

FYI

-----Original Message-----
From: Norwyn Johnson
Sent: Tuesday, June 03, 2008 4:50 PM
To: Garret Graves; Chris Knotts
Cc: David Fruge
Subject: RE:

Garret - Recommend you give the nod if required at the Task Force meeting. While we do not have anything in the FY 2008 Annual Plan or the FY 2009 Annual Plan relative to this specific project because it was approved from an earlier PPL list, we can accommodate the expenditure. We have several unspent budgeted categories in the FY 2008 Annual Plan that can be used for this activity. Also, if we wait a month, the FY 2009 Annual Plan has a Reserve Fund Contingencies category that can be used for the needed $750,000. Thanks.
Norwyn

-----Original Message-----
From: Garret Graves
Sent: Tuesday, June 03, 2008 3:14 PM
To: Chris Knotts
Cc: Norwyn Johnson; David Fruge
Subject: Re:

I may need to give a nod at the task force mtg tomorrow. Guidance?

----- Original Message -----
From: Chris Knotts
To: Garret Graves
Cc: Norwyn Johnson; David Fruge
Sent: Tue Jun 03 15:12:18 2008
Subject: RE:

The immediate need is $2.06M, but the total project increase is $5.0M. I received the memo on Friday from the Lafayette Field Office. Per discussions with Dave Fruge and Gerry this afternoon, DNR is in concurrence, but need to check the annual plan to make sure we can foot the additional $750K required in the CWPPRA cost share budget category.

Norwyn: Please shed some light on this issue.

-----Original Message-----
From: Garret Graves
Sent: Tuesday, June 03, 2008 3:08 PM
To: Chris Knotts
Subject:

Chris,

CWPPRA needs an additional $2.060M on Sabine Marsh creation project this FY. Apparently, CWPPRA is awaiting an answer from the state on this. You have any clue here?

Sabine Refuge Marsh Creation Project (CS-28-2)

Project Status:

Approved Date: 2004 **Project Area:** 5,776 acres (all 5 cycles)
Cost: $11,583,553
Net Benefit After 20 years: 230 acres
Status: Construction
Project Type: Marsh creation

Location:

Region 4, Cameron Parish, The project is located on the Sabine National Wildlife Refuge, west of Highway 27, in large open waters areas northeast of Brown's Lake.

Problem: The project area is experiencing marsh degradation due to saltwater intrusion and freshwater loss. This has resulted in the conversion of vegetated intermediate marsh to large shallow open water areas. Salinity migrates into the region from the Calcasieu River. Southeast winds push saline waters into the project area through canals and bayous. Wind driven waves cause further loss of the remaining marsh fringe.

Restoration Strategy:

This project consists of the creation of 230 acres of marsh using material dredged (approximately 850,000 cubic yards) from the Calcasieu River Ship Channel. The dredged material will be contained by earthen dikes. Lower level earthen overflow weirs will be constructed to assist in the dewatering of the marsh creation disposal area and to create fringe marsh. The dredged slurry will be placed between elevations 2.71 NAVD 88 and 3.05 NAVD 88. A permanent dredged material disposal pipeline, measuring 3.57 miles in length, will be constructed as part of Cycle II. The pipeline will commence near Mile 13.2 of the Calcasieu River Ship Channel and terminate at the northeastern corner of the Sabine National Wildlife Refuge. Much of the right of way required for the pipeline was previously impacted by the construction of a temporary pipeline used during the construction of Cycle I. The pipeline will remain in place once Cycle II is completed and is anticipated to be used again for future marsh creation projects.

Progress to Date:

The Sabine Refuge Marsh Creation Project was originally approved as part of the Project Priority List 8 in 1999. The project was later broken into 5 cycles. In 2004, additional funds for engineering and design and construction were approved for Cycle II. Engineering and design of the pipeline is complete. The easternmost containment dike was constructed during the construction of Cycle III to help reduce saltwater intrusion within the project area. Acquisition of the pipeline corridor was interrupted by Hurricanes Rita and Katrina. Negotiations were restarted in 2006. Right of Entry for Construction was awarded in March 2008. The contract for the pipeline is anticipated to be awarded by the end of June 2008. Construction of the pipeline is scheduled to be

completed by the end of 2008 with dredging and placement of disposal material commencing in January 2009.

Agencies:
U.S. Army Corps of Engineers
U.S Fish and Wildlife Service
Louisiana Department of Natural Resources

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

November 5, 2008

TASK FORCE FAX VOTE REQUEST FOR CHANGE IN SCOPE FOR THE PPL 14 - EAST MARSH ISLAND MARSH CREATION PROJECT (TV-21)

For Report:

The U.S. Environmental Protection Agency (EPA), U.S. Natural Resources Conservation Service (NRCS) and Louisiana Coastal Protection and Restoration Authority (LACPRA) requested Technical Committee recommendation for Task Force fax vote approval for a change in scope for the TV-21 project due to estimated construction cost increases exceeding 25% over those originally authorized in 2005. Project features have also changed from creating approximately 189 acres of marsh and nourishing an additional 189 acres, to creating approximately 165 acres of marsh and nourishing an additional 197 acres. The Task Force approved the requested change in scope by fax vote.

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

REPLY TO
ATTENTION OF:

CEMVN-PM-OR

1 9 SEP 2008

MEMORANDUM FOR Louisiana Coastal Wetlands Conservation and Restoration Task Force

SUBJECT: Request for Task Force Fax Vote to approve a change in project scope for the PPL14-East Marsh Island Marsh Creation Project (TV-21)

1. The U.S. Environmental Protection Agency (EPA), U.S. Natural Resources Conservation Service (NRCS), and Louisiana Coastal Protection and Restoration Authority (CPRA) have requested a change in project scope for the PPL 14-East Marsh Island Marsh Creation Project (TV-21). The proposed change in project scope would reduce the acres of marsh creation from 189 acres to 165 acres and increase the acres of marsh nourishment from 189 acres to 197 acres. The estimated fully funded project cost has increased by 25.4%, from $14,705,869 to $18,441,688. The Technical Committee has recommended approval of this request by email. On behalf of the EPA, NRCS, and CPRA, I request a Task Force fax vote (in accordance with the Standard Operating Procedures, Revision 14, page 20) on the following motion to approve the Technical Committee's recommended change in project scope:

The CWPPRA Task Force approves the request for a change in scope for the PPL 14-East Marsh Island Marsh Creation Project (TV-21), which includes reducing the acres of marsh creation from 189 acres to 165 acres, increasing the acres of marsh nourishment from 189 acres to 197 acres, and increasing the estimated fully funded project cost by 25.4%, from $14,705,869.00 to $18,441,688.00.

2. We have included a copy of correspondence from the EPA, NRCS, and CPRA requesting the change in project scope (Encl 1). Please use the enclosed Facsimile Transmittal form to submit your vote (Encl 2). Please fax your completed form to the U.S. Army Corps of Engineers at (504) 862-1892, or email a scanned copy to Melanie.L.Goodman@mvn02.usace.army.mil by Wednesday, 24 September 2008.

3. If you have any questions concerning this request, please contact Ms. Melanie L. Goodman, CWPPRA Program Manager, at (504) 862-1940.

Alvin B. Lee

ALVIN B. LEE
Colonel, EN
Commanding

2 Encls
1. EPA/NRCS/LACPRA Fax Vote request and supporting information
2. Fax Vote Form

CEMVN-PM-OR
SUBJECT: Recommendation to approve change in project scope for the PPL 14 -East Marsh Island Marsh Creation Project (TV-21)

CF via email (w/encl):
Mr. Garret Graves, LA Office of the Governor
Mr. William Honker, U.S. Environmental Protection Agency
Mr. Jim Boggs, U.S. Fish and Wildlife Service
Mr. Kevin Norton, U.S. Natural Resources Conservation Service
Mr. Chris Doley, National Oceanic and Atmosphere Administration
Mr. Kirk Rhinehart, LA Department of Natural Resources
Ms. Sharon Parrish, U.S. Environmental Protection Agency
Mr. Darryl Clark, U.S. Fish and Wildlife Service
Mr. Britt Paul, U.S. Natural Resource Conservation Service
Mr. Rick Hartman, National Marine and Fisheries Service

FACSIMILE TRANSMITTAL HEADER SHEET

Agency	NAME/OFFICE SYMBOL	OFFICE TELEPHONE NO.	OFFICE FAX NO.
FROM NOAA Fisheries	Christopher Doley	(301) 713-0174	(301) 713-0184
TO USACE	Melanie L. Goodman Acting Program Manager	(504) 862-1940	(504) 862-1892

Classification	Precedence	No. Pages *Including Header*	Date/time	Releaser's Signature
		1	9/24/2008	Melanie Goodman

REMARKS:

The Motion:

The CWPPRA Task Force approves the request for a change in scope for the PPL 14-East Marsh Island Marsh Creation Project (TV-21), which includes reducing the acres of marsh creation from 189 acres to 165 acres, increasing the acres of marsh nourishment from 189 acres to 197 acres, and increasing the estimated fully funded project cost by 25.4%, from $14,705,869.00 to $18,441,688.00.

Please check one of the following:

[✓] I approve the motion as stated above.

[ ] I do NOT approve the motion as stated above.

Signed,

Christopher Doley

9-22-2008
9/22/2008

FACSIMILE TRANSMITTAL HEADER SHEET

Agency	NAME/OFFICE SYMBOL	OFFICE TELEPHONE NO.	OFFICE FAX NO.
FROM			
U.S. EPA	Bill Honker	214-665-3187	214-665-7373
TO			
USACE	Melanie L. Goodman Acting Program Manager	(504) 862-1940	(504) 862-1892

Classification	Precedence	No. Pages *Including Header*	Date/time	Releaser's Signature
		1	9/24/2008	Melanie Goodman

REMARKS:

The Motion:

The CWPPRA Task Force approves the request for a change in scope for the PPL 14-East Marsh Island Marsh Creation Project (TV-21), which includes reducing the acres of marsh creation from 189 acres to 165 acres, increasing the acres of marsh nourishment from 189 acres to 197 acres, and increasing the estimated fully funded project cost by 25.4%, from $14,705,869.00 to $18,441,688.00.

Please check one of the following:

[X] I approve the motion as stated above.

[ ] I do NOT approve the motion as stated above.

Signed,

WK Honker — Task Force Member Name

9/22/08 — Date

FACSIMILE TRANSMITTAL HEADER SHEET

Agency	NAME/OFFICE SYMBOL	OFFICE TELEPHONE NO.	OFFICE FAX NO.
FROM NRCS	KEVIN D. NORTON	318-473-7751	318-473-7626
TO USACE	Melanie L. Goodman Acting Program Manager	(504) 862-1940	(504) 862-1892

Classification	Precedence	No. Pages *Including Header*	Date/time	Releaser's Signature
		1	9/19/2008	Melanie Goodman

REMARKS:

The Motion:

The CWPPRA Task Force approves the request for a change in scope for the PPL 14-East Marsh Island Marsh Creation Project (TV-21), which includes reducing the acres of marsh creation from 189 acres to 165 acres, increasing the acres of marsh nourishment from 189 acres to 197 acres, and increasing the estimated fully funded project cost by 25.4%, from $14,705,869.00 to $18,441,688.00.

Please check one of the following:

[X] I approve the motion as stated above.

[ ] I do NOT approve the motion as stated above.

Signed,

W. Britt Paul, ASTC, "acting for"
Kevin D. Norton, STC

9/19/2008

FACSIMILE TRANSMITTAL HEADER SHEET

Agency	NAME/OFFICE SYMBOL	OFFICE TELEPHONE NO.	OFFICE FAX NO.
FROM USFWS	Jim Boggs	(337) 291-3115	(337) 291-3139
TO USACE	Melanie L. Goodman Acting Program Manager	(504) 862-1940	(504) 862-1892

Classification	Precedence	No. Pages *Including Header*	Date/time	Releaser's Signature
		1	9/24/2008	Melanie Goodman

REMARKS:

The Motion:

The CWPPRA Task Force approves the request for a change in scope for the PPL 14-East Marsh Island Marsh Creation Project (TV-21), which includes reducing the acres of marsh creation from 189 acres to 165 acres, increasing the acres of marsh nourishment from 189 acres to 197 acres, and increasing the estimated fully funded project cost by 25.4%, from $14,705,869.00 to $18,441,688.00.

Please check one of the following:

[X] I approve the motion as stated above.

[ ] I do NOT approve the motion as stated above.

Signed

Jim Boggs

9/19/08
Date

Gallagher, Anne E MVN-Contractor

From: Enger Kinchen [Enger.Kinchen@GOV.STATE.LA.US]
Sent: Friday, September 19, 2008 3:05 PM
To: Gallagher, Anne E MVN-Contractor
Subject: RE: CWPPRA FAX VOTE: PPL 14 -East Marsh Island Marsh Creation Project (TV-21)

Anne,

Garret asked me to respond on his behalf: "The state supports the request."

-----Original Message-----
From: Gallagher, Anne E MVN-Contractor [mailto:Anne.E.Gallagher@usace.army.mil]
Sent: Friday, September 19, 2008 11:59 AM
To: bill honker; britt.paul@la.usda.gov; Browning, Gay B MVN; Cece Linder; Chris Doley; Constance, Troy G MVN; darryl_clark@fws.gov; Dr. John Foret; Enger Kinchen; Gallagher, Anne E MVN-Contractor; garret graves; Garret Graves; Goodman, Melanie L MVN; gsteyer@usgs.gov; Gunter, Jackie P MVN; Habbaz, Sandra P MVN; Harrel Hay; Hawes, Suzanne R MVN; Holden, Thomas A MVN; jim boggs; kevin norton; Kevin Roy; Kirk Rhinehart; Lachin, Donna A MVN; Lee, Alvin B COL MVN; Podany, Thomas J MVN; rick hartman; Scott Wilson; sharon parrish; Tim Landers; Wittkamp, Carol MVN; Amelia_vincent@ursCorp.com; Billy Hicks; Bren Haase; Charles Killebrew; comvss@lsu.edu; Creel, Travis J MVN; H. Finley; Hennington, Susan M MVN; Jack Arnold; Jerome Zeringue; John Petitbon; john.jurgensen@la.usda.gov; Kelley Templet; Lachney, Fay V MVN; Miller, Gregory B MVN; rachel.sweeney@noaa.gov; Renee Sanders; Taylor.Patricia-A@epamail.epa.gov; Daniel Llewellyn; jenneke visser; ruiz_mj@wlf.state.la.us
Subject: CWPPRA FAX VOTE: PPL 14 -East Marsh Island Marsh Creation Project (TV-21)
Importance: High

Task Force Members,

Please see the attached memorandum from the Chairman of the Task Force requesting a fax vote for recommendation to approve change in project scope for the PPL 14 -East Marsh Island Marsh Creation Project (TV-21).

Also included below is a correspondence from the EPA, NRCS and LACPRA requesting the change in project scope and supporting information (Encl 1) and a Facsimile Transmittal form to submit your vote (Encl 2).

Please fax your completed form to the US Army Corps of Engineers at (504) 862-1892 or email a scanned copy to Anne Gallagher (anne.e.gallagher@usace.army.mil) or Melanie Goodman (Melanie.L.Goodman@mvn02.usace.army.mil) by Wednesday, 24 September 2008 or ASAP.

Thanks!
<<ENCL 2 (TV-21).xls>> <<Rescope Request.pdf>> <<rescope presentation Ver 2.pdf>>
Anne E. Gallagher
CWPPRA Contractor
USACE New Orleans, LA
504.862.2032
504.862.1892 (fax)

Chris Williams
<Chris.Williams@LA.GOV>
09/16/2008 09:03 AM

To Timothy Landers/R6/USEPA/US@EPA
cc Kirk Rhinehart <Kirk.Rhinehart@LA.GOV>, Brad Miller <Brad.Miller@LA.GOV>, Melanie Magee/R6/USEPA/US@EPA
bcc
Subject RE: EMI 30% Letter of Concurrence

Thanks Tim

The State, as the local sponsor, is also in agreement that the project does have merit and should progress to final design.

Chris Williams, P.E.
Administrator, Project Management Branch
LA CPRA OCPR
225-342-7549

-----Original Message-----
From: Landers.Timothy@epamail.epa.gov [mailto:Landers.Timothy@epamail.epa.gov]
Sent: Wednesday, September 10, 2008 2:50 PM
To: Chris Williams
Cc: Kirk Rhinehart; Brad Miller; Magee.Melanie@epamail.epa.gov
Subject: EMI 30% Letter of Concurrence

Chris:

As you know we recently completed the 30% Engineering and Design (E&D) review as required by the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA) Standard Operating Procedures (SOP). The 30% E&D review meeting was held on August 26, 2008. While there were a few issues noted as a result of that effort, we have concluded that the project is still viable and recommend that the project move forward to 95% E&D.

Section 6(e)(2) of the CWPPRA SOP states, "After the conference, the Federal Sponsor shall forward a letter (or email) 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." We look forward to your official concurrence in completing this requirement of the SOP.

We will continue to work with your staff in providing the required information to the Technical Committee and Task Force in preparation for our Phase 2 authorization request. If you have any questions or need additional information about the TV-21 project, please feel free to contact me.

Tim Landers
U.S. Environmental Protection Agency, Region 6
Chief, Marine & Coastal Section (6WQ-EC)
Water Quality Protection Division
1445 Ross Avenue
Dallas, Texas 75202-2733
TEL (214) 665-6608
FAX (214) 665-6689

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

SEP 1 6 2008

Mr. Thomas A. Holden Jr., P.E.
Chairman
CWPPRA Technical Committee
U.S. Army Corps of Engineers
New Orleans District
P.O. Box 60267
New Orleans, LA 70160-0267

Dear Mr. Holden:

The U.S. Environmental Protection Agency (EPA), Natural Resources Conservation Service (NRCS) and the Louisiana Coastal Protection and Restoration Authority (LA CPRA) are requesting initiation of fax vote procedures by both the Technical Committee and Task Force for a change in scope for the East Marsh Island Marsh Creation Project (TV-21). The project was authorized for Phase One (Engineering and Design) in July 2005 for a total fully funded cost of $16.8 M. In working to prepare for the 30% Design Review meeting, held on August 26, 2008, we have determined that the preliminary construction cost estimate for the TV-21 project exceeds the original authorized construction estimate by just over 25%. Therefore, I would like to take this opportunity to report out to the agencies, pursuant to Section 6(e)(3) of the CWPPRA SOP, the details of the change in scope for this project.

As outlined in the 30% Design Report, the TV-21 project entails using sediment from East Cote Blanche Bay to create approximately 165 acres of marsh and nourish an additional 197 acres on East Marsh Island. Additionally, an earthen plug design feature was added to help prevent tidal scour. After construction, the containment dikes will be degraded and the project area will be planted with native vegetation.

In 2005, the original authorized cost estimate plus contingency was determined to be $14.7 M and the current estimated preliminary construction cost estimate is approximately $18.4 M. Project cost increases for the TV-21 project can be attributed to a number of factors. These include higher project costs primarily due to increases for mobilization/demobilization and other general cost increases since 2005.

The project benefits have been re-evaluated by the Environmental Workgroup and have changed only slightly since the initial estimate. The construction template has also changed to restore areas affected by hurricane damage. In comparing the original and current Wetland Value Assessment figures, the reduction in net acres benefited is estimated to be approximately 10%.

This project plays an important role in helping to stabilize an area that has historically been impacted by significant land loss effects. The change in scope for the TV-21 project is fully

consistent with ongoing interagency efforts to more effectively manage Louisiana and Gulf coast sediment resources and has the full support of the Louisiana Department of Wildlife and Fisheries, who own and manage East Marsh Island. If the CWPPRA Technical Committee concurs, we recommend this issue be put before the Task Force for a fax vote at your earliest convenience. I appreciate your consideration of this project scope change. If you have any questions, please do note hesitate to contact me at 214-665-6608.

Sincerely Yours,

Tim Landers

Tim Landers
Chief
Marine and Coastal Section

Enclosures

Cc: Mr. Mike Carloss, LDWF
Mr. Britt Paul, NRCS
Mr. Kirk Rhinehart, LA CPRA

TV-21 PROJECT BACKGROUND

- Phase 1 funding approved by CWPPRA Task Force in July 2005 as part of PPL 14
- Project Kickoff Meeting/Field Trip conducted in June 2006
- Successful 30% Design Review Meeting held August 2008; 95% Design Review pending
- Phase 2 construction request anticipated in 2008

TV-21 PROJECT PURPOSE

- **Goals -** To create 165 acres of marsh and nourish an additional 197 acres, all within the project boundary. This will reinforce the northeast tip of the island and prevent future breaches or excess tidal scour.
- **Proposed Solution -** Sediment will be dredged from East Cote Blanche Bay, placed within the project boundary, and planted with vegetation. An earthen plug will also be constructed to prevent excess tidal scour.

Original PPL 14 project: 189 acres marsh creation and 189 acres of marsh nourishment

Current project: 165 acres marsh creation and 197 acres of marsh nourishment

PRELIMINARY CONSTRUCTION COST ESTIMATE

PRELIMINARY CONSTRUCTION COST ESTIMATE

Item No.	Work or Material	Quantity	Unit	Unit Cost	Amount
1	Mobilization/Demobilization	1	LS	$3,000,000	$3,000,000
2	Surveying	1	LS	$175,000	$175,000
3	Containment Dikes	24,000	LF	$20	$480,000
4	Earthen Plug	635	LF	$85	$53,975
5	Marsh Creation	2,750,000	CY	$3.75	$10,312,500
6	Settlement Plates	4	EA	$2,500	$10,000
7	Vegetative Plantings	165	AC	$4,375	$721,875

Subtotal = $14,753,350

Contingency (25% x Subtotal) = $3,688,338

TOTAL ESTIMATED CONSTRUCTION COST = $18,441,688

TV-21 Preliminary Construction Cost Estimates

Preliminary Construction Cost Estimate (30% Design)						PPL 14 Cost Estimate*
Item No.	Work or Material	Quantity	Unit	Unit Cost	Amount	Amount
1	Mobilization/ Demobilization	1	LS	$3,000,000	$3,000,000	$350,000
2	Surveying	1	LS	$175,000	$175,000	0
3	Containment Dikes	24,000	LF	$20	$480,000	$348,000
4	Earthen Plug	635	LF	$85	$53,975	0
5	Marsh Creation	2,750,000	CY	$3.75	$10,312,500	$9,531,896
6	Settlement Plates	4	EA	$2,500	$10,000	0
7	Vegetative Plantings	165	AC	$4,375	$721,875	$658,000

*From PPL 14 Construction Cost Estimate developed 6-Oct-04

PROJECT SUMMARY

TV-21 Project	Features	Project Area	AAHUs	Net Acres	Estimated Construct. + Contingency
Phase 0	189 ac marsh creation 189 ac marsh nourishment	378 acres	117	189	$14,705,869*
Phase 1	165 ac marsh creation 197 ac marsh Nourishment	362 acres	107	169	$18,441,688 *(1.254 of original)*

* 2005 Authorized Construction Cost Estimate Plus Contingency

Points of Contact

Melanie Magee
EPA
214-665-7161

Brad Miller
CPRA
225-342-4122

QUESTIONS?

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

November 5, 2008

FY09 PLANNING BUDGET APPROVAL, INCLUDING THE PPL 19 PROCESS, AND PRESENTATION OF FY09 OUTREACH BUDGET

For Decision/Vote:

a. The Technical Committee will recommend to the Task Force that the PPL 19 Planning Process Standard Operating Procedures include selecting three nominees in the Barataria, Terrebonne, and Pontchartrain Basins, and two nominees in all other basins, except Atchafalaya where only one nominee would be selected. If only one project is presented at the Regional Planning Team meeting for the Mississippi River Delta Basin, then an additional nominee would be selected for the Breton Sound Basin.
b. The Technical Committee will recommend to the Task Force the FY09 Planning Budget in the amount of $4,930,325 (excluding supplemental tasks for evaluating project estimates). The Task Force will consider the Technical Committee's recommendations on to approve the FY09 Planning Budget.
c. The CWPPRA Outreach Committee will request Task Force approval for the FY09 Outreach Committee Budget in the amount of $516,310.

Technical Committee Recommendation:

The Technical Committee recommends that the Task Force approve the PPL 19 Planning Process Standard Operating Procedures and the FY09 Planning Budget in the amount of $4,930,325.

Outreach Committee Request:

The Outreach Committee requests that the Task Force approve the FY09 Outreach Committee Budget in the amount of $516,310.

APPENDIX A

PRIORITY LIST 19 SELECTION PROCESS

Coastal Wetlands Planning, Protection and Restoration Act Guidelines for Development of the 19th Priority Project List DRAFT

I. Development of Supporting Information

A. COE staff prepares spreadsheets indicating status of all restoration projects (CWPPRA PL 1-18; 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 1-18; 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 January 2009.
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 vote for nominees (including demonstration project nominees). The RPTs will select three projects in the Terrebonne, Barataria, and Pontchartrain Basins based on the high loss rates (1985-2006) in those basins. Two projects will be selected in the Breton Sound, Teche/Vermilion, Mermentau, Calcasieu/Sabine, and Mississippi River Delta Basins. Because of low land loss rates, only one project will be selected in the Atchafalaya Basin. If only one project is presented at the Regional Planning Team

Meeting for the Mississippi River Delta Basin, then an additional nominee would be selected for the Breton Sound Basin. A total of up to 20 projects could be selected as nominees. 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. Prior to the coast-wide RPT voting meeting, the Environmental and Engineering Work Groups will screen each demonstration project nominated at the RPT meetings. Demonstration projects will be screened to ensure that each meets the qualifications for demonstration projects as set forth in Appendix E.

D. 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 19th Priority Project List

A. The selection of the 19th PPL will occur at the Winter Technical Committee and Task Force meetings.

B. Technical Committee meets and considers matrix, Project Information Sheets, and pubic comments. The Technical Committee will recommend up to four projects for selection to the 19th PPL. The Technical Committee may also recommend demonstration projects for the 19th PPL.

C. The CWPPRA Task Force will review the TC recommendations and determine which projects will receive Phase 1 funding for the 19th PPL.

19th Priority List Project Development Schedule (dates subject to change)

December 2008	Distribute public announcement of PPL19 process and schedule
December 3, 2008	Winter Technical Committee Meeting, approve Phase II NewOrleans)
January 21, 2009	Winter Task Force Meeting (New Orleans)
January 27, 2009 January 28, 2009 January 29, 2009	Region IV Planning Team Meeting (Rockefeller Refuge) Region III Planning Team Meeting (Morgan City) Regions I and II Planning Team Meetings (New Orleans)
February 18, 2009	Coast-wide RPT Voting Meeting (Baton Rouge)
February 19- March 13, 2009	Agencies prepare fact sheets for RPT-nominated projects
March 24-25, 2009	Engineering/ Environmental work groups review project features, benefits & prepare preliminary cost estimates for nominated projects (Baton Rouge)
March 26, 2009	P&E Subcommittee prepares matrix of nominated projects showing initial cost estimates and benefits
April 15, 2009	Spring Technical Committee Meeting, select PPL19 candidate projects (New Orleans)
May/June/July	Candidate project site visits
June 3, 2009	Spring Task Force Meeting (Lafayette)
July/August/ September	Env/Eng/Econ work group project evaluations
September 9, 2009	Fall Technical Committee Meeting, O&M and Monitoring funding recommendations (Baton Rouge)
October 14, 2009	Fall Task Force meeting, O&M and Monitoring approvals, announce PPL 19 public meetings (New Orleans)
October 14, 2009	Economic, Engineering, and Environmental analyses completed for PPL19 candidates
November 17, 2009	PPL 19 Public Meeting (Abbeville)
November 18, 2009	PPL 19 Public Meeting (New Orleans)
December 2, 2009	Winter Technical Committee Meeting, recommend PPL19 and Phase II approvals (New Orleans)
January 20, 2010	Winter Task Force Meeting, select PPL19 and approve Phase II requests (New Orleans)

Coastal Wetlands Planning, Protection and Restoration Act

Fiscal Year 2009 Budget Refinement

Activity	P & E Initial Budget 21-Jul-08 Amount ($) (1)	Option 1 P & E Recommends to Tech 28-Aug-08 Amount ($) (2a)	Option 2 P & E Recommends to Tech 28-Aug-08 Amount ($) (2b)	Option 3 P & E Recommends to Tech 28-Aug-08 Amount ($) (2c)	Tech Committee Recommends Amount ($) (3)	Task Force Approves Amount ($) (4)
General Planning & Program Participation (does not include Supplemental Activites)						
State of Louisiana						
DNR	415,736	412,736	412,736	412,736		
Gov's Ofc	93,900	93,900	93,900	93,900		
LDWF	96,879	96,879	96,879	96,879		
Total State	606,515	603,515	603,515	603,515		
EPA	496,519	496,519	496,519	496,519		
Dept of the Interior						
USFWS	488,196	488,196	488,196	488,196		
NWRC	63,656	63,656	63,656	63,656		
USGS Reston						
USGS-B.R.						
USGS-Woods Hole						
NPS						
Total Interior	551,852	551,852	551,852	551,852		
Dept of Agriculture	609,650	609,650	609,650	609,650		
Dept of Commerce	609,301	602,425	602,425	602,425		
Dept of the Army	1,463,369	1,455,344	1,455,344	1,455,344		
Agency Total	**$4,337,206**	**$4,319,305**	**$4,319,305**	**$4,319,305**		
Complex Studies Funding						
Beneficial Use Sed Trap Below Venice (COE)						
Barataria Barrier Shoreline (NMFS)						
Diversion into Maurepas Swamp (EPA/COE)						
Holly Beach Segmented Breakwaters (DNR)						
Central & Eastern Terrebonne Basin (USFWS)						
Delta Building Diversion Below Empire (COE)						
Total Complex Studies						
Supplemental Tasks						
Academic Advisory Group		112,200	112,200	112,200		
Maint of Web-Based Project Reports	64,026	64,026	64,026	64,026		
Linkage of CWPPRA and LCA						
Core GIS Support for Planning Activities	307,249	307,249	307,249	307,249		
Prog Capacity Eval Part I	2,686			41,935		
Prog Capacity Eval Part 2			29,910	29,910		
Prog Capacity Eval Part 3			94,280	94,280		
GIWW Distributary Report (FY09)		18,000	18,000	18,000		
Report to Congress		109,545	109,545	109,545		
Oyster Lease Database Maint & Analysis						
Oyster Lease Program Mgmt & Impl						
Joint Training						
Update Landloss Maps						
Storm Recovery Procedures (2 events)						
Land-Water Chg Assessment after 2005						
Oyster Relocation Plan						
Subtotal Supplemental	**$373,961**	**$611,020**	**$735,210**	**$777,145**		

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Activity	P & E Initial Budget 21-Jul-08 Amount ($) (1)	**Option 1** P & E Recommends to Tech 28-Aug-08 Amount ($) (2a)	**Option 2** P & E Recommends to Tech 28-Aug-08 Amount ($) (2b)	**Option 3** P & E Recommends to Tech 28-Aug-08 Amount ($) (2c)	Tech Committee Recommends Amount ($) (3)	Task Force Approves Amount ($) (4)
Outreach						
Outreach Committee		443,910	443,910	443,910		
Agency Participation: USACE	6,600	6,600	6,600	6,600		
Agency Participation: USFWS	3,300	3,300	3,300	3,300		
Agency Participation: NWRC	3,300	3,300	3,300	3,300		
Agency Participation: DNR	6,600	6,600	6,600	6,600		
Agency Participation: Ofc of Gov	6,600	6,600	6,600	6,600		
Agency Participation: EPA	6,600	6,600	6,600	6,600		
Agency Participation: NRCS	6,600	6,600	6,600	6,600		
Agency Participation: NMFS	6,600	6,600	6,600	6,600		
Agency Administration: NWRC	26,200	26,200	26,200	26,200		
Dedications Support (no helicopters)						
Helicopter Overflights for Special events (no dedications)						
Outreach Committee Operations Budget:						
Outreach Coordinator - Gabrielle Bodin						
Watermarks						
LaCoast Internet Home Page						
Outreach Assistant/Interpretive Specialist						
Printing, Video, & Graphics Support						
Conference/Exhibit Support						
Travel						
Product Reproduction						
Contractural Support for Outreach Dist						
Awareness Poster Development (COE)						
Broadcast Quality B-roll Aerial Video						
Project Sign Development (NRCS)						
Contract Writer (USGS)						
New Initiative-Science of Rest Video/CD						
New Initiative-						
New Initiative- and Values CD						
Subtotal - Outreach	**$72,400**	**$516,310**	**$516,310**	**$516,310**		
Total Allocated	**$4,783,567**	**$5,446,635**	**$5,570,825**	**$5,612,760**		
Unallocated Balance	216,433	(446,635)	(570,825)	(612,760)	5,000,000	5,000,000
Total Unallocated	1,402,065	738,997	614,807	572,872	6,185,632	6,185,632
(Carry In = $1,185,632)						
$1,185,632						

Coastal Wetlands Planning, Protection, and Restoration Act

Fiscal Year 2009 Planning Schedule and Budget

P&E Committee Recommendation, 28 August 2008
Tech Committee Recommendation,
Approved by Task Force,

$1,185,632 = Available Surplus

					CWPPRA COSTS											
TASK			Duration		Dept of Defense	Department of Interior			State of Louisiana			EPA	Deptartment of Agriculture	Deptartment of Commerce		
Task Category	Task No.	Description	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	CPRA IT	LDWF	GOCA	EPA	NRCS	NMFS	Other	Total
PPL 18 TASKS																
PL	18600	TF Selection and Funding of the 18th PPL (1 meeting)	1/21/09	1/21/09	5,210	9,443			3,702	1,502	1,600	3,582	6,092	9,465		40,596
PL	18700	PPL 18 Report Development	2/18/09	7/31/09	45,632	2,621			1,862			0	366	3,101		53,582
PL	18800	Corps Upward Submittal of the PPL 18 Report	8/1/09	8/1/09	1,047							0	0			1,047
PL	18900	Corps Congressional Submission of the PPL 18 Report	9/1/09	9/1/09	1,052								0			1,052
				FY09 Subtotal PPL 18 Tasks	**52,941**	**12,064**	**0**	**0**	**5,564**	**1,502**	**1,600**	**3,582**	**6,458**	**12,566**	**0**	**96,277**
PPL 19 TASKS																
PL	**19200**	**Development and Nomination of Projects**														
PL	19210	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.	10/13/08	1/5/09	1,025				4,067			0	366	0		5,458
PL	19220	Sponsoring agencies prepare fact sheets (for projects and demos) and maps prior to and following RPT nomination meetings.	10/13/08	2/15/09	58,883	32,765			10,652			34,770	91,881	19,308		248,259
PL	19230	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)	1/26/09	1/28/09	19,060	14,562			10,548	4,506	3,000	6,828	11,320	13,438		83,262
PL	19240	RPT Voting meeting (20 nominees and up to 6 demos)	2/18/09	2/18/09	5,247	2,621			2,653	1,502	800	2,236	1,385	4,827		21,271
PL	**19300**	**Ranking of Nominated Projects**														

Coastal Wetlands Planning, Protection, and Restoration Act

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					CWPPRA COSTS											
TASK			Duration		Dept of Defense	Department of Interior			State of Louisiana			EPA	Deptartment of Agriculture	Deptartment of Commerce		
Task Category	Task No.	Description	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	CPRA IT	LDWF	GOCA	EPA	NRCS	NMFS	Other	Total
PL	19320	Engr Work Group prepares preliminary fully funded cost ranges for nominees.	3/5/09	3/20/09	1,068	2,621			4,437		1,500	4,228	6,747	4,827		25,428
PL	19330	Environ/Engr Work Groups review nominees	4/2/09	4/3/09	1,275	8,155			4,212	2,253	1,500	3,252	5,639	4,827		31,113
PL	19340	WGs develop and P&E distributes project matrix	4/1/09	4/1/09	1,348	2,330			2,658			2,820	198	4,827		14,181
PL	19350	TC selection of PPL 19 candidates (10) and demo candidates (up to 3)	4/15/09	4/15/09	2,348	2,621			2,847	2,253	500	3,216	3,270	4,827		21,882
PL	**19400**	**Analysis of Candidates**														
PL	19410	Sponsoring agencies coordinate site visits for all projects	5/1/09	7/15/09	35,449	21,479			17,391	13,518		31,744	38,424	28,828		186,833
PL	19420	Engr/Environ Work Group refine project features and determine boundaries	5/1/09	9/30/09	8,132	16,382			9,321	13,518	2,000	5,204	7,716	10,337		72,610
PL	19430	Sponsoring agencies develop project information for WVA; develop designs and cost estimates (projects and demos)	5/1/09	9/30/09	36,504	38,225			37,992			39,984	59,116	51,640		263,461
PL	19440	Environ/Engr Work Groups project-wetland benefits (with WVA)	5/1/09	9/30/09	27,513	26,212			15,402	4,506	2,000	17,064	9,854	36,180		138,731
PL	19450	Engr Work Group reviews/approves Ph 1 and Ph 2 cost estimates from sponsoring agencies, incl cost estimates for demos	5/1/09	9/30/09	14,796	3,932			8,179		1,000	10,358	4,058	14,481		56,804
PL	19460	Economic Work Group reviews cost estimates, adds monitoring, O&M, etc., and develops annualized costs	5/1/09	10/15/09	17,012	1,675			1,630			0	7,512	1,034		28,863
PL	19475	Envr and Eng WG's prioritization of PPL 19 projects and demos	5/1/09	10/15/09	4,208	8,155			5,870	2,253	1,000	4,228	8,116	4,827		38,657
PL	19480	Prepare project information packages for P&E.	5/1/09	11/10/09	7,534	7,645			2,483			1,952	178	4,827		24,619
PL	19485	P&E holds 2 Public Meetings	11/17/09	11/18/09	10,683	4,005			4,754	4,506	500	2,396	4,920	1,034		32,798
PL	19490	TC Recommendation for Project Selection and Funding	12/2/09	1/20/10	2,731	6,553			1,829	2,253	500	2,252	4,666	2,896		23,680
				FY09 Subtotal PPL 19 Tasks	**254,816**	**199,938**	**0**	**0**	**146,925**	**51,068**	**14,300**	**172,532**	**265,366**	**212,964**	**0**	**1,317,909**

Coastal Wetlands Planning, Protection, and Restoration Act

Fiscal Year 2009 Planning Schedule and Budget

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					CWPPRA COSTS											
TASK			Duration		Dept of Defense	Department of Interior			State of Louisiana			EPA	Deptartment of Agriculture	Deptartment of Commerce		
Task Category	Task No.	Description	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	CPRA IT	LDWF	GOCA	EPA	NRCS	NMFS	Other	Total
Project and Program Management Tasks																
PM	19100	Program Management--Coordination	10/1/08	9/30/09	469,653	92,469	27,986		61,964	2,253	60,000	99,497	108,183	90,491		1,012,496
PM	19110	Program Management--Correspondence	10/1/08	9/30/09	43,368	27,240	7,900		25,138	2,253		29,921	42,607	47,033		225,460
PM	19120	Prog Mgmt--Budget Development and Oversight	10/1/08	9/30/09	68,175	16,382	6,711		10,973	1,502	1,000	102,253	49,127	64,800		320,923
PM	19130	Program and Project Management--Financial Management of Non-Cash Flow Projects	10/1/08	9/30/09	67,013	10,557			17,718			0	18,083	33,779		147,150
PM	19200	P&E Meetings (3 meetings preparation and attendance)	10/1/08	9/30/09	19,348	9,443	4,924		5,291	4,506	500	9,516	13,053	15,506		82,087
PM	19210	Tech Com Mtngs (4 mtngs including three public and one off-site; prep and attend)	10/1/08	9/30/09	133,007	29,124	7,516		17,303	11,265	3,500	10,252	17,665	19,308		248,940
PM	19220	Task Force mtngs (4 mtngs, including three public and one executive session; prep and attend)	10/1/08	9/30/09	148,246	32,765	8,619		24,151	9,012	7,000	17,378	29,095	41,160		317,426
PM	19400	Agency Participation, Review 30% and 95% Design for Phase 1 Projects	10/1/08	9/30/09	47,759	11,650			10,347	6,008	1,500	12,684	5,877	14,481		110,306
PM	19410	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 FY09. Assume 3 will require Eng or Env WG review; 2 labor days for each.]	10/1/08	9/30/09	11,125	11,650			5,956	7,510	3,000	3,904	6,450	10,337		59,932
PM	19500	Helicopter Support: Helicopter usage for the PPL process.	10/1/08	9/30/09	0	25,085							0			25,085
PM	19600	Miscellaneous Technical Support	10/1/08	9/30/09	139,893	9,829			81,406		1,500	35,000	47,686	40,000		355,314
				FY09 Subtotal Project Management Tasks	**1,147,587**	**276,194**	**63,656**	**0**	**260,247**	**44,309**	**78,000**	**320,405**	**337,826**	**376,895**	**0**	**2,905,119**
				FY09 Total for PPL Tasks	**1,455,344**	**488,196**	**63,656**	**0**	**412,736**	**96,879**	**93,900**	**496,519**	**609,650**	**602,425**	**0**	**4,319,305**

Coastal Wetlands Planning, Protection, and Restoration Act

Fiscal Year 2009 Planning Schedule and Budget

P&E Committee Recommendation, 28 August 2008
Tech Committee Recommendation,
Approved by Task Force,

$1,185,632 = Available Surplus

					CWPPRA COSTS											
TASK			Duration		Dept of Defense	Department of Interior			State of Louisiana			EPA	Deptartment of Agriculture	Deptartment of Commerce		
Task Category	Task No.	Description	Start Date	End Date	USACE	USFWS	NWRC	USGS BR	CPRA IT	LDWF	GOCA	EPA	NRCS	NMFS	Other	Total
SUPPLEMENTAL PLANNING AND EVALUATION TASKS																
SPE	19100	Academic Advisory Group [NOTE: MOA between sponsoring agency and LUMCON available through FY19.] [Prospectus, page 6-7]	10/1/08	9/30/09							0				112,200	112,200
SPE	19200	Maintenance of web-based project reports and website project fact sheets. [NWRC Prospectus, pg 8] [Corps Prospectus, pg 9] [LDNR Prospectus, pg 10]	10/1/08	9/30/09	4,218		45,200		14,608							64,026
SPE	19300	Prepare Evaluation Report to Congress NOTE: next update in FY 09 budget	10/1/08	9/30/09	6,540	6,540	81,750		3,270			3,270	3,270	3,270	1,635	109,545
SPE	19400	Core GIS Support for CWPPRA Task Force Planning Activities. [NWRC Prospectus, pg 11] [LDNR Prospectus, page 12]	10/1/08	9/30/09			296,294		10,955							307,249
SPE	19510	CWPPRA Program Capacity Evaluation Part I, Update Cost Estimates for Cash Flow Projects Not Approved for Construction	10/1/08	9/30/09	0	0			0			0	0	0		0
SPE	19520	CWPPRA Program Capacity Evaluation Part 2, Update Cost Estimates for Cash Flow Projects Approved or Otherwise Funded for Construction	10/1/08	9/30/09	0	0	0	0	0	0	0	0	0	0		0
SPE	19530	CWPPRA Program Capacity Evaluation Part 3, Update O&M Cost Estimates for Constructed Projects	10/1/08	9/30/09	0	0	0	0	0	0	0	0	0	0		0
SPE	19600	Report on The Gulf Intracoastal Waterway as a Distributary of Mississippi River Water to Coastal Louisiana Marshes	10/1/08	9/30/09			18,000									18,000
				FY09 Total Supplemental Planning & Evaluation Tasks	**10,758**	**6,540**	**441,244**	**0**	**28,833**	**0**	**0**	**3,270**	**3,270**	**3,270**	**113,835**	**611,020**
				FY09 Agency Tasks Grand Total	**1,466,102**	**494,736**	**504,900**	**0**	**441,569**	**96,879**	**93,900**	**499,789**	**612,920**	**605,695**	**113,835**	**4,930,325**
Otrch	19100	Outreach - Committee Funding	10/1/08	9/30/09											443,910	443,910
Otrch	19200	Outreach - Agency	10/1/08	9/30/09	6,600	3,300	29,500		6,600		6,600	6,600	6,600	6,600		72,400
				FY09 Total Outreach	**6,600**	**3,300**	**29,500**	**0**	**6,600**	**0**	**6,600**	**6,600**	**6,600**	**6,600**	**443,910**	**516,310**
				Grand Total FY09	**1,472,702**	**498,036**	**534,400**	**0**	**448,169**	**96,879**	**100,500**	**506,389**	**619,520**	**612,295**	**557,745**	**5,446,635**
				Disallowances												
				Proposed Revised Grand Total FY09	**1,472,702**	**498,036**	**534,400**	**0**	**448,169**	**96,879**	**100,500**	**506,389**	**619,520**	**612,295**	**557,745**	**5,446,635**

SCOPE OF SERVICES

SPE 19100 University Scientists Assistance to the Louisiana Coastal Conservation and Restoration Task Force (PPL19)

Louisiana Universities Marine Consortium, Cocodrie, Louisiana

1. Project Management

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

1a. Day-to-day operation

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

1b. Participation in Task Force activities

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

1c. Solicitation of Interest

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

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

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

universities. A copy of the solicitation will also be provided to all members of the Planning and Evaluation Subcommittee and Technical Committee who may distribute it to any Louisiana state university scientists they wish to ensure are contacted. The deadline for response will be at least two weeks after mailing.

1d. Selection of participating scientists

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

2. Regional Planning Team Assistance

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

Appropriate Fields of Expertise: Wetland Ecology.

3. Environmental Work Group Assistance

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

Appropriate Fields of Expertise: Wetland Ecology, Coastal Geomorphology, and Wetland Hydrology.

Current Active Members of the Academic Advisory Group:

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

Academic Advisory Group Budget

Project Management	30,000
Regional Planning Team Assistance	15,000
Environmental Workgroup Assistance	57,000
Subtotal	102,000
LUMCON overhead (10%)	10,200
Total	112,200

SPE 19200 - Maintenance of Web-Based Project Reports and Website Project Fact Sheets

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

National Wetlands Research Center

August 4, 2008

CWPPRA FY09 Planning Task: ***CWPPRA Web-Based Project Information System Maintenance (Fact sheet Links projects)***

Background:

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

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

Cost: $45,200

CWPPRA FY 09 Planning Budget
SPE 19200 Maintenance of Web-Based Project Reports and Website Project Fact Sheets

Louisiana Department of Natural Resources Justification

Description**:**

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

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

TASK	DESCRIPTION	COST
SPE 19200	Maintenance of Web-based Project Reports and Website Fact Sheets	$ 14,608

CWPPRA FY 09 Planning Budget

CWPPRA Planning Task (SPE 19200)
Maintenance of Web-Based Project Reports and Website Project Fact Sheets
(Corps of Engineers)

July 2008

Description**:**

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

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

TASK	DESCRIPTION	COST
SPE 19200	Maintenance of Web-based Project Reports and Website Fact Sheets	$ 4,218

SPE 19300 – CWPPRA FY 2009 Report to Congress
[USGS - NWRC]

Task Description: The CWPPRA Act requires the Program to report to Congress on the effectiveness of the its restoration projects every three years. The Act states that: ". . .at least three years thereafter (after restoration plan development), the Task Force shall provide a report to the Congress containing a scientific evaluation of the effectiveness of the coastal wetlands restoration projects carried out under the plan in creating, restoring, protecting and enhancing coastal wetlands in Louisiana." (PL 101-646, Section 303 (b)(7).

FY 2009 Budget Request: The USGS - National Wetlands Research Center (NWRC) will be the lead in executing this task, including compiling and reproducing the document. All CWPPRA agencies and the Academic Advisory Group will assist in developing the outline and various sections of the draft, and review the draft report for submittal to the Technical Committee and Task Force. The USFWS will provide updated project benefits; the Corps will provide cost and other information; the CPRA IT will provide monitoring data summaries, and the other agencies will assist in report development. The 2006 Report to Congress will be updated and a section will be added to cover program issues, including program funding availability, program capacity, and induced shoaling concerns and its impacts on the program. It is anticipated that the effort will include a steering committee meeting to finalize the outline and a meeting to review the draft prior to sending it to the Technical Committee and Task Force for approval. Various levels of agency assistance (updated costs and benefit statistics, monitoring information) will be provided to the USGS lead agency as needed during document preparation.

Report to Congress Estimated Planning Budget

USGS Lead Agency (staff and printing)	$81,750
USFWS	$6,540
NRCS	$3,270
NMFS	$3,270
EPA	$3,270
CPRA IIT	$3,270
Corps	$6,540
Academic Advisory Board	$1,635
Total Estimate	**$109,545**

Benefit to CWPPRA: The CWPPRA Program must submit a report to Congress every three years according to the Act. A three-year reporting of the status and benefits of the Program will assist CWPPRA in adaptively managing projects to better achieve benefits and will provide information for the construction of future restoration projects.

Contact: Scott Wilson, USGS, NWRC, 337-266-8644.

SPE 19400 – Core GIS Support for CWPPRA Task Force Planning Activities [NWRC]

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

National Wetlands Research Center

September 23, 2008

CWPPRA Reoccurring Planning Task: *Core GIS Support for CWPPRA Task Force Planning Activities – Continuation for FY09*

Description:

The NWRC has provided the Task Force with GIS planning support since 1992. The scope and complexity of this support has increased over the past 16 years and has resulted in the development of a comprehensive GIS that provides the Task Force with annual planning deliverables that include spatial data sets, spatial data analyses, maps, graphics, and technical support. Providing these products and services to the Task Force requires a standardized GIS data management environment and a good deal of coordination with Task Force members. The GIS products and technical services provided by the NWRC for CWPPRA Planning are, far the most part "reusable", designed to support multi-scale applications, and form the core of the GIS data sets used to support CWPPRA monitoring, land rights, and engineering activities. The system that we have today represents 18 years of the Task Force's investment in GIS technology, data development, and skilled staff. The NWRC continues to incorporate updated data sets and spatial analytical techniques to support the task force on an annual basis. The existing GIS now utilizes data sets created for the LCA Study, providing enhanced spatial data development, analyses and products. A large amount of spatial data has been created to monitor post-hurricane recovery. The NWRC has continued to incorporate available after hurricanes spatial data into the FY08 PPL process and will continue to incorporate new data as required to assist the Task Force.

The NWRC requests reauthorization of the Core GIS Support Task for FY09.

Core NWRC GIS support for FY09

Task	Description	Cost
SPE 19400	Continuation of Core GIS Support for CWPPRA Task Force Planning Activities.	$296,294

Benefits:

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

Deliverables:

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

SPE 19400 - Core GIS Support for CWPPRA Task Force Planning Activities [LDNR]

Description

A detailed description of the CWPPRA Planning Task *SPE 19400 - Core GIS Support for CWPPRA Task Force Planning Activities* has been explained previously in the justification for National Wetlands Research Center (NWRC) activities in support of this task. The Louisiana Department of Natural Resources, Coastal Restoration Division's (LDNR) use of the SPE 19400 CWPPRA Planning Task Code pertains to administration and management of the contract between the NWRC and the LDNR to carry out activities performed under this task.

FY 2009 Budget Request

Administration and management of the contract between the NWRC and the LDNR includes writing the actual contract document, reviewing NWRC charges for accuracy, processing invoices, and tracking expenditures. Specifically included are salaries for the LDNR contract manager and support staff in the contracts section. The FY 2009 CWPPRA Planning budget request is for $10,955.00.

Benefit to CWPPRA

As stated above, a detailed description of the benefits to CWPPRA of the CWPPRA Planning Task *SPE 19400 - Core GIS Support for CWPPRA Task Force Planning Activities* has been explained previously in the justification for NWRC activities in support of this CWPPRA Planning Task.

Contact

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

SPE 19600 – Report on The Gulf Intracoastal Waterway as a Distributary of Mississippi River Water to Coastal Louisiana Marshes

Request for funds by
Christopher M. Swarzenski, Ph.D., US Geological Survey, Louisiana Water Science Center

The USGS has been collecting discharge, stage, and salinity data along the GIWW east and west of the Atchafalaya Basin Floodway System since the mid 1990's. The water flowing in the GIWW in large part originates from the Lower Atchafalaya River, which in turn derives from the Mississippi River. Each year during the spring flood, the GIWW effectively becomes the largest distributary of Mississippi River water to many parts of coastal Louisiana. The flow of river water is larger than either of the constructed freshwater diversions at Davis Pond and Caernarvon. Because of its extensive east-west reach, flow in the GIWW reaches more coastal Louisiana marshes than any constructed diversion. Only the initial dataset, 1996-1999, has been published (Swarzenski 2003).USGS has secured about ½ of the funding needed to publish the additional data collected between 2000 and 2008, and would require additional funding of between $18,000 and 25,000 to realize the project.

Proposed Report

Discharge, suspended sediment and salinity data are being collected at approximately 14 stations along the GIWW, between Cypremort Point and Bayou Lafourche, the western and eastern boundaries of the project area. The data are being collected discretely and/or continuously, with data collection platforms. Swarzenski (2003) was a comprehensive report on surface-water hydrology of the GIWW, with detailed discussions on the hydraulics of the flow. In the proposed report, the focus would be on presentation of the newly collected data (especially discharge). In addition, three short sections in the report will discuss:

1) how discharge along the GIWW differed between WY 2000 (a record drought) and WY 2008 (prolonged flood conditions), and how these differences affected salinity regimes in the Cote Blanche area, and in the Terrebonne watershed.
2) how the magnitude of the passive, naturally occurring flow in the GIWW compares with the two active freshwater diversions (Caernarvon and Davis Pond);
3) shifts in the stage-duration curve for the Lower Atchafalaya River from the 1940's to the present.

Included with the report will be a fold-out panel that has a map of the study area, and statistical summaries of instantaneous discharge and sediment load at all sampled locations under various stages of the Lower Atchafalaya River (1 ft increments). Depending on the available funding, a four page glossy fact sheet presenting statistical summaries of all instantaneous measurements will also be prepared.

Depending on when the funding becomes available, the report is scheduled to be completed and published by the end of 2008.

Swarzenski (2003) Surface-water hydrology of the Gulf Intracoastal Waterway in South-Central Louisiana, 1996-1999 *USGS Professional Paper 1672, accessible at http://pubs.usgs.gov/pp/pp1672/*

DRAFT FY 2009 TOTAL OUTREACH BUDGET -

Personnel

Agencies	Meeting	Review	Admin	Implementation	
NMFS	3,300	3,300			6,600
NRCS	3,300	3,300			6,600
EPA	3,300	3,300			6,600
GOV	3,300	3,300			6,600
DNR	3,300	3,300			6,600
FWS	0	3,300			3,300
NWRC	3,300	0	26,200		29,500
COE	3,300	3,300	4,000		10,600
Total Agency Request					76,400
Operations Budget (from page 2)					439,910
Total CWPPRA Outreach Budget Request					516,310

FY 2009 DRAFT PUBLIC OUTREACH COMMITTEE BUDGET
Recommendation to Task Force

Operations	Proposed FY2009
Description	
Outreach Coordinator	105,462
Watermarks Newsletter Development and Printing Contract - NRCS	99,500
WaterMarks Distrubution - COE	28,500
LaCoast Internet Home Page	55,000
Outreach Assistant / Educational Specialist - Breaux Act Newsflash, event assistance, Distribution, Teacher Workshops, Administrative Support	77,949
Dedications support (printing, photographs,	4,000
Printing, Video, and Graphics Support	4,000
Conference /Exhibit Support - Display/Registration	9,000
Travel - National / Regional	10,000
CWPPRA Product Reproduction (video, CD-ROMS, fact sheets, slide shows, PowerPoint presentation, posters, brochures, etc)	25,000
Contractual Support for Outreach Distribution (student worker 16k and 5.5k for bulk mailing)	21,500
Operations Budget	439,910

Gallagher, Anne E MVN-Contractor

From: Goodman, Melanie L MVN
Sent: Thursday, September 18, 2008 5:20 PM
To: Gallagher, Anne E MVN-Contractor
Subject: FW: FY09 COE Admin in Outreach

Include below email in Technical Committee binder with outreach budget information

-----Original Message-----
From: Scott Wilson [mailto:scott_wilson@usgs.gov]
Sent: Thursday, August 28, 2008 7:25 PM
To: Goodman, Melanie L MVN; Browning, Gay B MVN
Cc: Morgan, Julie T MVN
Subject: Re: FY09 COE Admin in Outreach

That correct. The funds will be used for operations (watermarks mailings) so they belong under the "other" column.

The Public Outreach committee also passed a motion to increase the corps admin support to $4k. All the work has already been done to include it in the budget. I would not drop it out now., but that's your choice.

/scott

----- Original Message -----
From: "Goodman, Melanie L MVN" <Melanie.L.Goodman@usace.army.mil>
To: "Browning, Gay B MVN" <Gay.B.Browning@usace.army.mil>; <scott_wilson@usgs.gov>
Cc: "Morgan, Julie T MVN" <Julie.T.Morgan@usace.army.mil>
Sent: Thursday, August 28, 2008 4:02 PM
Subject: RE: FY09 COE Admin in Outreach

Thanks Gay

Scott,

This is to verify that you have requested by phone conversation with Gay today that the Proposed FY09 Outreach Committee Budget be increased by $28,500, or from $411,410 to $439,910. I am adding this to the amount in the "other" column, but understand that these funds may be used by the Corps to continue labeling and mailing Watermarks publications. Please advise what the plan is and if I should put this amount in the Corps column for the budget line item.

Thanks,

Melanie

-----Original Message-----
From: Browning, Gay B MVN
Sent: Thursday, August 28, 2008 3:10 PM
To: Goodman, Melanie L MVN; Morgan, Julie T MVN
Cc: scott_wilson@usgs.gov
Subject: FY09 COE Admin in Outreach

I rescind the $4,000 COE Admin request under the Outreach budget for FY09.

Melanie - this has no impact on your adding the $28,500 to the Outreach budget for labeling and mailing.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

November 5, 2008

ANNUAL REQUEST FOR INCREMENTAL FUNDING FOR ADMINISTRATIVE COSTS FOR CASH FLOW PROJECTS

For Decision/Vote:

The U.S. Army Corps of Engineers will request FY 11 incremental funding approval for cash flow projects in the amount of $22,138 for administrative costs beyond Increment 1. The Task Force will consider the Technical Committee's recommendations to approve request for funds.

Technical Committee Recommendation:

> **The Technical Committee recommends that the Task Force approve FY 11 incremental funding for cash flow projects in the amount of $22,138 for Corps administrative costs.**

CWPPRA Cash Flow Management - COE Admin

Anticipated Funding Requests by Fiscal Year

Last Updated 21 August 2008

Funding Request for Approval at 9 October 2008 Task Force Meeting **Request = $22,138**

Proj #	Project Name	Agency	PPL	Funding Request
PO-27	Chandeleur Island Restoration	NMFS	9	
TE-41	Mandalay Bank Protection Demo	USFWS	9	
MR-11	Periodic Intro of Sed & Nutrients Demo	COE	9	
TE-37	New Cut Dune Restoration	EPA	9	1,305
CS-30	Perry Ridge West	NRCS	9	958
TE-45	Terrebonne Bay Shore Protection Demo	USFWS	10	
CS-31	Holly Beach	NRCS	11	
BA-27c(1)	Baratatia Basin Landbridge - Ph 3 CU 3	NRCS	9	927
LA-03b	Coastwide Nutria	NRCS	11	938
BS-11	Delta Management at Fort St. Philip	USFWS	10	940
ME-19	Grand-White Lake Landbridge Protection	USFWS	10	940
TE-44(1)	North Lake Mechant Landbridge - CU 1	USFWS	10	
BA-27c(2)	Barataria Basin Landbridge - Ph 3 CU 4	NRCS	9	
TV-18	Four-Mile Canal	NMFS	9	898
LA-05	Freshwater Floating Marsh Creation Demo	NRCS	12	
TE-40	Timbalier Island Dune/Marsh Restoration	EPA	9	898
CS-29	Black Bayou Bypass Culverts	NRCS	9	869
	CRMS	USGS/DNR		2,000
CS-32(1)	East Sabine Lake Hydrologic Rest- CU 1	USFWS/NRCS	10	970
BA-37	Little Lake	NMFS	11	999
BA-38	Barataria Barrier Island	NMFS	11	747
BA-27d	Barataria Basin Landbridge - Ph 4 CU 6	NRCS	11	968
LA-06	Shoreline Prot Foundation Imprvts Demo	COE	13	
ME-16	Freshwater Intro. South of Hwy 82	USFWS	9	805
TE-44(2)	North Lake Mechant Landbridge Rest - CU 2	USFWS	10	805
TE-48 (1)	Racoon Island Shoreline Protection - CU 1	NRCS	11	805
ME-22	South White Lake	COE	12	1,211
PO-30	Lake Borgne Shoreline Protection	EPA	10	809
BA-35	Pass Chaland to Grand Pass	NMFS	11	853
TE-46	West Lake Boudreaux SP & MC	USFWS	11	871
TE-53	Enhancement of Barrier Island Veg Demo	EPA	16	
BA-36	Dedicated Dredging on Bara Basin LB	USFWS	11	811
PO-33	Goose Point	USFWS	13	811
ME-21a	Grand Lake Shoreline Protection, Tebo Point Only	COE	11	
ME-21b	Grand Lake Shoreline Protection, O&M Only [CIAP]	COE	11	
LA-08	Bio-Engineered Oyster Reef Demo	NMFS	17	
LA-09	Sediment Containment Demo	NRCS	17	
BA-39	Bayou Dupont Sediment Delivery System	EPA	12	
TE-48 (2)	Racoon Island Shoreline Protection - CU 2	NRCS	11	
TE-39	South Lake DeCade - CU 1	NRCS	9	
BA-41	South Shore of the Pen	NRCS	14	
TE-50	Whiskey Island Back Barrier M.C.	EPA	13	
				22,138

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

November 5, 2008

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

For Decision:

The Task Force will consider the Technical Committee's recommendations to approve requests for total O&M budget increases in the amount of $6,714,424 and incremental funding in the amount of $2,600,820.

a. PPL 1-8 project budget increases totaling $2,679,635, for projects that previously received Task Force approval for incremental funding increases:

- Cameron-Creole Maintenance (CS-04a): $674,046
- Cote Blanche Hydrologic Restoration (TV-04): $571,000
- Highway 384 Hydrologic Restoration (CS-21): $313,494
- Lake Chapeau Sediment Input and Hydrologic Restoration (TV-26): $915,192
- East Mud Lake Marsh Management (CS-20): $205,903

b. PPL 1-8 Projects requesting approval for O&M budget increases totaling $943,438 and FY 11 incremental funding in the amount of $371,231, for the following projects:

- Cameron-Creole Plugs (CS-17), PPL-1, USFWS
  Budget increase amount: $218,909
  incremental funding amount: $95,380.
- Black Bayou Hydrologic Restoration (CS-27), PPL-6, NMFS
  Budget increase amount: $499,987
  incremental funding amount: $134,223
- Freshwater Bayou Wetland Protection (ME-04), PPL-2, NRCS
  Budget increase amount: $129,616
  incremental funding amount: $102,724
- Freshwater Bayou Bank Stabilization (ME-13), PPL-5, NRCS
  Budget increase amount: $94,926
  incremental funding amount: $38,904

c. PPL 9+ Projects requesting approval for O&M budget increase in the total amount of $3,091,351 and/or FY 11 incremental funding in the total amount of $2,229,589, for the following projects:

- Little Lake Shoreline Protection and Marsh Creation (BA-37), PPL-11, NMFS
  Budget increase amount: $3,091,351
  incremental funding amount: $65,124.
- Coastwide Nutria Control Program (LA-03b), PPL-11, NRCS
  incremental funding amount: $2,164,465.

Technical Committee Recommendation:

The Technical Committee recommends that the Task Force approve total O&M budget increases in the amount of $6,714,424 and incremental funding in the amount of $2,600,820, as outlined in the agenda.

TECHNICAL COMMITTEE O&M Budget Increase and Incremental Funding Recommendations from October 9, 2008 meeting

Retroactive Budget Increases for PPL 1-8	BUDGET INCREASE	INCREMENT
CS-04a	$674,046	
TV-04	$571,000	
CS-21	$313,494	
TV-26	$915,192	
CS-20	$205,903	
TOTAL	$2,679,635	$0

PPL 1-8	BUDGET INCREASE	INCREMENT
CS-17	$218,909	$95,380
CS-27	$499,987	$134,223
ME-04	$129,616	$102,724
ME-13	$94,926	$38,904
TOTAL	$943,438	$371,231

Cash Flow	BUDGET INCREASE	INCREMENT
BA-37	$3,091,351	$65,124
LA-03b		$2,041,795
TOTAL	$3,091,351	$2,106,919

	BUDGET INCREASE	INCREMENT
TOTAL REQUESTS	$6,714,424	$2,478,150

22-Oct-08

O & M : Recommendation to Task Force to Approve Revised O&M Estimates for PPL 1-8 Projects

PPL	Request Date	Status	Construction Completion	Proj No.	Project	Const Cost	O & M Estimates Original	O & M Estimates Current	O & M Estimates Increase	Time Frame	Revised Current With Increase	Total Current + Future	Future Need	Future Time Frame
PPL 3	25-Oct-07	Approved	O&M Proj	CS-04a	Cameron-Creole Maint		$3,719,926	$6,340,505	$174,928	2008 - 2010	$6,515,433	$7,189,479	$674,046	2011 - 2017
PPL 3	2-Nov-05	Approved	Dec-98	TV-04	Cote Blanche	$4,128,061	$386,790	$649,224	$1,859,116	2006 - 2008	$2,508,340	$3,079,340	$571,000	2009 - 2019
PPL 2	25-Oct-07	Approved	Jan-00	CS-21	Hwy 384	$163,278	$149,454	$345,898	$153,339	2008 - 2010	$499,237	$812,731	$313,494	2011 - 2019
PPL 3	4-Jun-08	Approved	May-99	TE-26	Lake Chapeau	$3,602,934		$655,589	$326,764	2008-2010	$982,353	$1,897,545	$915,192	2011 - 2019
PPL 2	25-Oct-07	Approved	Jun-96	CS-20	Mud Lake	$1,150,868	$382,955	$1,323,955	$640,831	2008 - 2010	$1,964,786	$2,170,689	$205,903	2011 - 2015
													$2,679,635	

Goodman, Melanie L MVN

From: Goodman, Melanie L MVN
Sent: Thursday, October 23, 2008 9:21 AM
To: Goodman, Melanie L MVN; britt.paul@la.usda.gov; Darryl Clark; Holden, Thomas A MVN; kirk.rhinehart@la.gov; Richard.Hartman@noaa.gov; Tim Landers (landers.timothy@epa.gov)
Cc: Creel, Travis J MVN; Gallagher, Anne E MVN-Contractor; Browning, Gay B MVN; 'Patrick Landry'; 'David Burkholder'; Burdine, Carol S MVN; Constance, Troy G MVN; Gunter, Jackie P MVN; Hawkins, Gary L MVN; Podany, Thomas J MVN; Bren Haas (Bren.Haase@LA.GOV); Crawford.Brad@epamail.epa.gov; Jerome Zeringue (jzee@tlcd.org); John Jurgensen; Kelley.Templet@LA.GOV; Kevin_Roy@fws.gov; rachel.sweeney@noaa.gov; renee.sanders@la.gov
Subject: RE: O&M: Recommendation for Approval for Revised O&M Estimates With Prior Approved O&M Funding Increases

We have received concurrence from EPA, USFWS, and NMFS on the below recommendation. With Corps concurrence, this provides majority vote to make the recommendation as outlined.

As such, we will add this to the Task Force meeting agenda, with information to be included in the binders.

Thanks everyone for rapid responses.

Melanie

-----Original Message-----
From: Goodman, Melanie L MVN
Sent: Wednesday, October 22, 2008 6:33 PM
To: britt.paul@la.usda.gov; Darryl Clark; Holden, Thomas A MVN; kirk.rhinehart@la.gov; Richard.Hartman@noaa.gov; Tim Landers (landers.timothy@epa.gov)
Cc: Creel, Travis J MVN; Gallagher, Anne E MVN-Contractor; Browning, Gay B MVN; 'Patrick Landry'; 'David Burkholder'; Burdine, Carol S MVN; Constance, Troy G MVN; Gunter, Jackie P MVN; Hawkins, Gary L MVN; Podany, Thomas J MVN; Bren Haas (Bren.Haase@LA.GOV); Crawford.Brad@epamail.epa.gov; Goodman, Melanie L MVN; Jerome Zeringue (jzee@tlcd.org); John Jurgensen; Kelley.Templet@LA.GOV; Kevin_Roy@fws.gov; rachel.sweeney@noaa.gov; renee.sanders@la.gov
Subject: FW: O&M: Recommendation for Approval for Revised O&M Estimates With Prior Approved O&M Funding Increases

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1. Cameron-Creole Maintenance (CS-04a): $674,046

2. Cote Blanche Hydrologic Restoration (TV-04): $571,000

3. Highway 384 Hydrologic Restoration (CS-21): $313,494

4. Lake Chapeau Sediment Input and Hydrologic Restoration, Point Au Fer Island (TV-26): $915,192

5. East Mud Lake Marsh Management (CS-20): $205,903

Please call me if you have any questions or concerns about the above.

thanks,

Melanie Goodman
CWPPRA Program Manager
US Army Corps of Engineers
New Orleans District
Restoration Branch

Office: 504-862-1940
FAX: 504-862-1892

Goodman, Melanie L MVN

From: Richard Hartman [Richard.Hartman@noaa.gov]
Sent: Thursday, October 23, 2008 6:54 AM
To: Goodman, Melanie L MVN
Cc: britt.paul@la.usda.gov; Darryl Clark; Holden, Thomas A MVN; kirk.rhinehart@la.gov; landers.timothy@epa.gov; Creel, Travis J MVN; Gallagher, Anne E MVN-Contractor; Browning, Gay B MVN; Patrick Landry; David Burkholder; Burdine, Carol S MVN; Constance, Troy G MVN; Gunter, Jackie P MVN; Hawkins, Gary L MVN; Podany, Thomas J MVN; Bren.Haase@LA.GOV; Crawford.Brad@epamail.epa.gov; Jerome Zeringue (jzee@tlcd.org); John Jurgensen; Kelley.Templet@LA.GOV; Kevin_Roy@fws.gov; Rachel.Sweeney@noaa.gov; renee.sanders@la.gov
Subject: Re: FW: O&M: Recommendation for Approval for Revised O&M Estimates With Prior Approved O&M Funding Increases

NMFS concurs

rh

Goodman, Melanie L MVN wrote:
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> Fer Island (TV-26): $915,192
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> 5. East Mud Lake Marsh Management (CS-20): $205,903 /
>
> //

Goodman, Melanie L MVN

From: Landers.Timothy@epamail.epa.gov
Sent: Thursday, October 23, 2008 9:05 AM
To: Goodman, Melanie L MVN
Cc: britt.paul@la.usda.gov; Darryl Clark; Holden, Thomas A MVN; kirk.rhinehart@la.gov; Richard.Hartman@noaa.gov; Creel, Travis J MVN; Gallagher, Anne E MVN-Contractor; Browning, Gay B MVN; Patrick Landry; David Burkholder; Burdine, Carol S MVN; Constance, Troy G MVN; Gunter, Jackie P MVN; Hawkins, Gary L MVN; Podany, Thomas J MVN; Bren.Haase@LA.GOV; Crawford.Brad@epamail.epa.gov; Goodman, Melanie L MVN; Jerome Zeringue (jzee@tlcd.org); John Jurgensen; Kelley.Templet@LA.GOV; Kevin_Roy@fws.gov; rachel.sweeney@noaa.gov; renee.sanders@la.gov; Watson.Jane@epamail.epa.gov
Subject: Re: FW: O&M: Recommendation for Approval for Revised O&M Estimates With Prior Approved O&M Funding Increases

Melanie,
EPA concurs with total project (O&M) budget increases for the amounts specified below.
Thank you.

-----"Goodman, Melanie L MVN" <Melanie.L.Goodman@usace.army.mil> wrote: -----

To: <britt.paul@la.usda.gov>, "Darryl Clark" <darryl_clark@fws.gov>, "Holden, Thomas A MVN" <Thomas.A.Holden@usace.army.mil>, <kirk.rhinehart@la.gov>, <Richard.Hartman@noaa.gov>, Timothy Landers/R6/USEPA/US@EPA
From: "Goodman, Melanie L MVN" <Melanie.L.Goodman@usace.army.mil>
Date: 10/22/2008 06:32PM
cc: "Creel, Travis J MVN" <Travis.J.Creel@usace.army.mil>, "Gallagher, Anne E MVN-Contractor" <Anne.E.Gallagher@usace.army.mil>, "Browning, Gay B MVN" <Gay.B.Browning@usace.army.mil>, "Patrick Landry" <Patrick.Landry@LA.GOV>, "David Burkholder" <David.Burkholder@LA.GOV>, "Burdine, Carol S MVN" <Carol.S.Burdine@usace.army.mil>, "Constance, Troy G MVN" <Troy.G.Constance@usace.army.mil>, "Gunter, Jackie P MVN" <jackie.p.gunter@usace.army.mil>, "Hawkins, Gary L MVN" <Gary.L.Hawkins@usace.army.mil>, "Podany, Thomas J MVN" <Thomas.J.Podany@usace.army.mil>, <Bren.Haase@LA.GOV>, Brad Crawford/R6/USEPA/US@EPA, "Goodman, Melanie L MVN" <Melanie.L.Goodman@usace.army.mil>, "Jerome Zeringue (jzee@tlcd.org)" <jzee@la.gov>, "John Jurgensen" <john.jurgensen@la.usda.gov>, "Kelley.Templet@LA.GOV" <kelley.templet@la.gov>, <Kevin_Roy@fws.gov>, <rachel.sweeney@noaa.gov>, <renee.sanders@la.gov>
Subject: FW: O&M: Recommendation for Approval for Revised O&M Estimates With Prior Approved O&M Funding Increases

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5. East Mud Lake Marsh Management (CS-20): $205,903

Please call me if you have any questions or concerns about the above.

thanks,

Melanie Goodman
CWPPRA Program Manager
US Army Corps of Engineers
New Orleans District
Restoration Branch

Office: 504-862-1940
FAX: 504-862-1892

[attachment "O&M - Recommendation to T.F. to Approve Revised O&M Estimates for PPL 1-8_5 Nov 2008.xls" removed by Timothy Landers/R6/USEPA/US]

Goodman, Melanie L MVN

From: Darryl_Clark@fws.gov
Sent: Thursday, October 23, 2008 9:24 AM
To: Goodman, Melanie L MVN
Cc: Gallagher, Anne E MVN-Contractor; Bren.Haase@LA.GOV; britt.paul@la.usda.gov; Burdine, Carol S MVN; Crawford.Brad@epamail.epa.gov; David Burkholder; Hawkins, Gary L MVN; Browning, Gay B MVN; Gunter, Jackie P MVN; John Jurgensen; Jerome Zeringue (jzee@tlcd.org); Kelley.Templet@LA.GOV; Kevin_Roy@fws.gov; kirk.rhinehart@la.gov; landers.timothy@epa.gov; Goodman, Melanie L MVN; Patrick Landry; rachel.sweeney@noaa.gov; renee.sanders@la.gov; Richard.Hartman@noaa.gov; Holden, Thomas A MVN; Podany, Thomas J MVN; Creel, Travis J MVN; Constance, Troy G MVN
Subject: Re: FW: O&M: Recommendation for Approval for Revised O&M Estimates With Prior Approved O&M Funding Increases

Melanie and TC,

The FWS also concurs with the TC approving and recommending to the Task Force the overall project O&M budget increases as indicated below.

Darryl

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

10/22/2008 06:32 PM

To
<britt.paul@la.usda.gov>, "Darryl Clark" <darryl_clark@fws.gov>, "Holden, Thomas A MVN" <Thomas.A.Holden@usace.army.mil>, <kirk.rhinehart@la.gov>, <Richard.Hartman@noaa.gov>, <landers.timothy@epa.gov>

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<jzee@la.gov>, "John Jurgensen" <john.jurgensen@la.usda.gov>, "Kelley.Templet@LA.GOV" <kelley.templet@la.gov>, <Kevin_Roy@fws.gov>, <rachel.sweeney@noaa.gov>, <renee.sanders@la.gov>

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Please call me if you have any questions or concerns about the above.

thanks,

Melanie Goodman
CWPPRA Program Manager
US Army Corps of Engineers

Request for CWPPRA Project O&M Funding Increase
Project Costs and Benefits Reevaluation
Fact Sheet
September 10, 2008

Project Name: Cameron-Creole Plugs Project (CS-17)
PPL: 1
Federal Sponsor: USFWS
Construction Completion Date: January 1997
Projected Project Close-out Date: January 2016
Project Description: Two sheet pile plugs with boat bays were installed in the Lakeshore Borrow Canal to moderate water circulation and flow, as well as reduce the duration of inundation in the southern project area.

Construction changes from the approved project: No changes.

Explain why O&M funding increase is needed: Bank erosion is occurring on each end of the sheet pile plug at both structure locations. Vandals have removed the composite timber on one side of the Mangrove structure boat guide possibly for increased boat passage. Since the 2007 funding request, site conditions have changed causing an increase in the construction cost. In addition fuel costs have escalated over the past year which in turn has caused bid prices to increase.

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

Detail and date of next O&M work to be completed per this O&M Request: Recommend placing 744 tons of rock (144 tons greater than FY 2007 request) to pave an approximate 25-50 foot radius around the bank at the ends of each structure and to replace the composite timber at the boat bay guide on the Mangrove structure. The estimated construction cost of this work is $163,560 and the project should be completed by April 2009.

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

Originally approved fully funded project cost estimate: $660,460

Originally approved O&M budget: $198,245

Approved O&M Budget Increases (2007): $47,897

Total O&M obligations to date: $109,833

Remaining available O&M budget funds: $136,309

Current Incremental Funding Request: $95,380 (2007 + 2008 increase = $143,277)

Revised fully funded cost estimate: $1,257,871

Total Project Life Budget Increase: $218,679

Requested Revised fully funded O&M estimate: $465,051

Percent total project cost increase of proposed revised budget over original budget plus net budget changes: 21.07 %. The increase is 21.07% over the original fully funded O&M budget plus net changes ($218,909 O&M increase) ($218,909/ ($660,460 + $378,732). The percent increase for the current $95,380 request is 9.18% ($95,380/$660,460 + 378,732). The 2007 increase plus this 2008 request percentage increase is 13.8 % ($143,277//$660,460 + 378,732).

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

Estimate of cumulative project wetland acres to date (from quantitative and/or qualitative analysis): 865 acres.

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

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

Original CE = $1,201/acre
Revised CE = $1,454/acre 21.07%

Request for CWPPRA Project O&M Funding Increase
Project Performance Synopsis
August 4, 2008

Cameron-Creole Plugs (CS-17)

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

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

The area has been losing land since Hurricane Rita. Improvements to the levee system should help reduce landloss. Prior to Hurricane Rita, approximately 80% of the 24 vegetation stations utilized for this survey were healthy and intact. Following Hurricane Rita in 2005, 70% of the stations were stressed or had converted to open water (Figure 1). A year later in 2006, only 35% of the stations were back to pre storm stress levels. By 2007, 40% of the stations reverted to open water and an addition 18% remained severely stressed. The stations that had been converted to open water, as well as those that were severely stressed in 2005, did not recover.

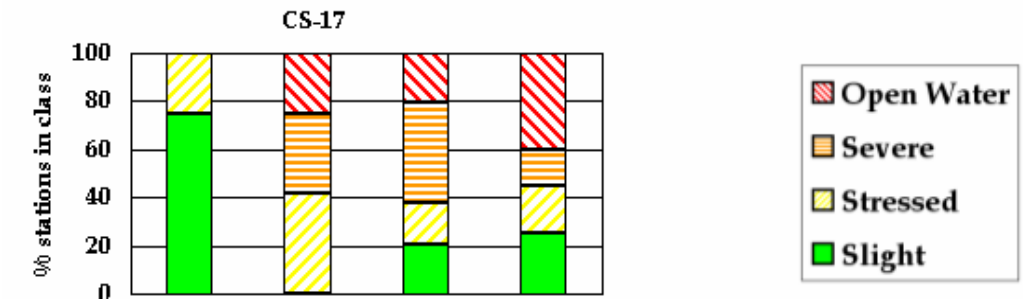


Figure 1. Percent of LDNR Vegetation stations in each stress class before and after Hurricane Rita in CS-17.

Prior to Hurricane Rita, the project area was dominated by *Spartina patens, Schoenoplectus americanus,* and *S. robustus* with total cover values up to 70%. Cover dropped to 11.9% in 2005, and increased to 18.6% by 2006 where high cover values for dead *S. patens* and disturbance species, *Amaranthus australis* were observed, along with

some colonization by *Paspalum vaginatum.* Also by 2006, the habitat type changed as cover of more salt tolerant species increased, such as *Distichlis spicata* and *Spartina alterniflora*. Cover values increased to 37% in 2007 and the trend of *Distichlis spicata* and *Spartina alterniflora* dominating continued, as both salinities and water levels remained high due to the breach in the levees along Calcasieu Lake.

The vegetation community in the Cameron Creole Watershed was severely impacted by Hurricane Rita and had not recovered by the fall of 2007. Cover values have drastically decreased, and species requiring a lower salinity brackish environment are being replaced by more salt tolerant species.

CWPPRA Project O&M Budget Adjustment Template

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

Prepared By: CPRA
Date Prepared: 9/10/2008
Date Revised:

	Approved Original Base Line				Obligations to Date				Proposed Revised Estimate and Schedule			
Year	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	O&M & State Insp.	Corps Admin	Fed S&A & Insp
0	1997	$1,913	$0	$1,000	1997	$0	$0	$0	1997	$0	$0	$0
-1	1998	$2,027	$0	$1,000	1998	$1,087	$0	$0	1998	$1,087	$0	$0
-2	1999	$2,144	$0	$1,000	1999	$224	$0	$0	1999	$224	$0	$0
-3	2000	$2,265	$0	$1,000	2000	$0	$0	$0	2000	$0	$0	$0
-4	2001	$2,389	$0	$1,000	2001	$1,914	$0	$0	2001	$1,914	$0	$0
-5	2002	$22,536	$0	$1,000	2002	$516	$0	$0	2002	$516	$0	$0
-6	2003	$2,649	$0	$1,000	2003	$1,407	$0	$0	2003	$1,407	$0	$0
-7	2004	$2,985	$0	$1,000	2004	$2,351	$0	$0	2004	$2,351	$0	$0
-8	2005	$3,225	$0	$1,000	2005	$24,932	$0	$0	2005	$24,932	$0	$0
-9	2006	$3,370	$0	$1,000	2006	$56,639	$0	$0	2006	$56,639	$0	$0
-10	2007	$43,103	$0	$1,000	2007	$7,519	$0	$339	2007	$7,519	$0	$339
-11	2008	$3,822	$0	$1,000	2008	$12,475	$0	$430	2008	$12,475	$0	$430
-12	2009	$3,985	$0	$1,000	2009	$0	$0	$0	2009	$212,750	$1,261	$1,143
-13	2010	$4,152	$0	$1,000	2010	$0	$0	$0	2010	$5,737	$1,288	$1,143
-14	2011	$4,024	$0	$1,000	2011	$0	$0	$0	2011	$5,909	$1,315	$1,143
-15	2012	$55,019	$0	$1,000	2012	$0	$0	$0	2012	$85,000	$1,342	$1,143
-16	2013	$4,483	$0	$1,000	2013	$0	$0	$0	2013	$6,268	$1,368	$1,143
-17	2014	$4,565	$0	$1,000	2014	$0	$0	$0	2014	$6,457	$1,396	$1,143
-18	2015	$4,735	$0	$1,000	2015	$0	$0	$0	2015	$6,457	$1,424	$1,143
-19	2016	$4,854	$0	$1,000	2016	$0	$0	$0	2016	$6,650	$1,452	$1,143
	Total	$178,245	$0	$20,000		$109,064	$0	$769		$444,292	$10,846	$9,913

(Note: Obligations to date are derived from CWPPRA Cost Sharing Computations dated June 12, 2008 in addition to updated charges by DNR & USFWS)

SUMMARY:

Benefits:

Original Net Acres	Revised Net Acres
865	865

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

Funding Category	Approved Original O&M Baseline	O&M Obligations to Date	Difference
State O&M & Insp.	$92,428	$109,064	($16,636)
Corps Admin	$0	$0	$0
Fed S&A & Insp	$12,000	$769	$11,231
Totals	$104,428	***$109,833***	($5,405)

Current Request:

Current Increment Funding Request Year	Proposed Revised Estimate	Remaining Available O&M Budget	Current Funding Request Amount
Year -12	***$215,154***		
Year -13	***$8,168***		
Year -14	***$8,367***		
Totals	***$231,689***	***$136,309***	***$95,380***

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

	Total Approved O&M	O&M Obligations to Date	Remaining Available O&M Budget
1997 App. Budget	***$198,245***		
2007 Funding Incr.	***$47,897***		
Totals	***$246,142***	***$109,833***	***$136,309***

Original Approved vs Proposed Revised Fully Funded Estimates:

Approved Fully Funded Baseline Estimate	Approved Net Budget Changes to E&D, Constr., O&M (1997, 2007) and Monitoring	Additional O&M funding required for remaining project life	Requested Revised Fully Funded Estimate
$660,460	***$378,732***	***$218,909***	***$1,258,101***

Total Approved Budget less Total Proposed Revised Budget

Funding Category	Current Total	Proposed Revised Total	Difference
State O&M & Insp.	$226,142	$444,292	($218,150)
Corps Admin	$0	$10,846	($10,846)
Fed S&A & Insp	$20,000	$9,913	$10,087
Total	***$246,142***	***$465,051***	($218,909)

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

Change in Total Cost and Cost Effectiveness:

As Compared To	Cost Estimate % Change	Cost Effectiveness	Revised Cost Effectiveness
Original Fully Funded Baseline Est.	***90.49%***	***764***	***1,454***
Approved Fully Funded Baseline Est. Plus Net Budget Changes	***21.07%***	***1,201***	***1,454***

Request for CWPPRA Project O&M Funding Increase
Project Costs and Benefits Reevaluation
Fact Sheet
August 14, 2008

Project Name: Black Bayou Hydrologic Restoration Project (CS-27)
PPL: 6
Federal Sponsor: NMFS
Construction Completion Date: December 2001
Projected Project Close-out Date: December 2021
Project Description: A 22,600 linear foot rock dike was placed on the southern spoil bank of the GIWW. A barge bay weir (70-foot bottom width) was constructed in Black Bayou Cutoff Canal. Weirs with boat bays (10-foot bottom widths) were constructed in Burton Canal and Block's Creek. A collapsed weir was plugged and replaced with an SRT gate and adjacent rock plug. Spoil material was deposited in nearby marsh and 55,000 vegetative plants were installed over two planting seasons.

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

Explain why O&M funding increase is needed: The "C" type stone locations have developed small breaches in several areas and are need of repair. There are low areas on the rock dike along the GIWW and rock plug, and missing signs and staff gages. The newly installed flap on the SRT gate is in need of repair. Since the last funding request site conditions have changed which increase the construction cost. In addition fuel costs have increased over the past year which in turn has caused bid prices to also increase.

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

Detail and date of next O&M work to be completed: Recommend placing bags of concrete to elevate low area along the GIWW dike. Also, place bags of sack concrete at breach locations, rock plug and install navigational sign at Burton Canal. Install new staff gages at Burton Canal and GIWW locations. Repair the flap gate on the SRT gate. This work should be complete by February 2009.

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

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

Originally approved O&M budget: $592,986

Approved O&M Budget Increases (2007): $53,508

Total O&M obligations to date: $487,918

Remaining available O&M budget funds: $158,576

Current Incremental Funding Request: $134,223

Revised fully funded cost estimate: $6,500,707

Total Project Life Budget Increase: $499,987

Requested Revised fully funded O&M estimate: $1,146,481

Percent total project cost increase of proposed revised budget over original budget plus net budget changes: 2.91%

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

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

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

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

Original CE = $1,758/acre
Revised CE = $1,809/acre 2.91%

Request for CWPPRA Project O&M Funding Increase
Project Performance Synopsis
July 30, 2008

Black Bayou Hydrologic Restoration (CS-27)

The project has been successful at increasing freshwater retention in order to reduce salinity during normal weather cycles (salinity typically ranges from 0.5 – 3 ppt). Discrete salinity data suggest that mean salinities were reduced within the project area through 2004, especially in interior portions of the project area. Salinities were substantially lower inside the project area than the GIWW and slightly lower inside than outside project structures as water was flowing out of the project during the inspection trip in November 2007. Comparing continuous hydrologic data within the eastern side of the project area through 2004, salinity and water levels were typically higher but less variable inside the impoundment than outside as salinity and water level spikes are attenuated inside the impoundment. Following the surge of salty water from Hurricane Rita (late September 2005), data from the continuous recorder inside the impoundment displayed decreases in water level through mid January and salinity through July 2006. Unfortunately, no comparable data from this time period is available near the GIWW west of the Calcasieu Ship Channel. Four CRMS-*Wetlands* sites have been established in the project area since April 2006; however, hydrologic data recorders are still needed outside the project area along the GIWW.

In the early stages of evaluating the establishment of emergent wetland vegetation, we compared land:water analyses from aerial photography acquired before construction in November 2000 and after construction in November 2004 performed by the U.S. Geological Survey. The project area increased land cover by 0.55% from 2000 to 2004 (1 year preconstruction to 3 years post construction). During this same time, the reference area increased land cover by 1.97%, overall, out pacing the project area by 1.42%. Unfortunately, full interpretation of this land change data for project effectiveness is limited by the small percentages that are less than the acceptable error of 5-10% for comparing time intervals (Pers. Comm. John Barras). However, trends described by future data collections (2009 and 2016) will be more useful in describing project effects. Also, the current technique uses only describes overall change; more detailed analyses depicting where change occurs would be beneficial for interpreting the data. In 2002 and 2003, approximately 177,850 linear feet of bullwhip (*Schoenoplectus californicus*) was planted in shallow open water areas across the northern portions of the project area in two phases. Sixty-eight percent of bullwhip planted on the east side of the project area (Phase I; either side of the BBCC) in 2002 survived to the next year. Some plots had robust, healthy plants almost indistinguishable, whereas, other plots had plants with few stems in deteriorated condition. Similar observations were noted during an inspection of planted bullwhip on the west side of the project (Phase II) in April 2008.

The foreshore dike has not only effectively reduced shoreline erosion along the GIWW; but the shoreline has widened along the northern boundary of the impounded unit. Overall, this wider shoreline should provide protection to the emergent wetland vegetation within this portion of the project. However, at least one breach still exists which allows for hydrologic exchange and causes localized scouring.

The occurrence of SAV has remained high since before project construction and has mainly been affected by forcing functions on the region, such as Hurricane Rita (2005). Occurrence of SAV in the

Reference ponds is typically less than in ponds located the middle portion just west of the Black Bayou Cut-off Canal; however, SAV occurrences in the Reference has been similar to the areas on the west (along the Sabine River) and east (the impoundment) ends of the project area. Among the project areas, the impounded unit has recovered the least since Hurricane Rita.

CWPPRA Project O&M Budget Adjustment Template

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

Prepared By: CPRA
Date Prepared: 9/10/2008
Date Revised:

	Approved Original Base Line				Obligations to Date				Proposed Revised Estimate and Schedule			
Year	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	O&M & State Insp.	Corps Admin	Fed S&A & Insp
0	2002	$4,534	$0	$0	2002	$0	$0	$0	2002	$0	$0	$0
-1	2003	$4,670	$0	$0	2003	$0	$0	$0	2003	$0	$0	$0
-2	2004	$4,810	$0	$0	2004	$0	$0	$0	2004	$0	$0	$0
-3	2005	$4,955	$0	$0	2005	$0	$0	$0	2005	$0	$0	$0
-4	2006	$5,250	$0	$0	2006	$0	$0	$0	2006	$0	$0	$0
-5	2007	$264,563	$0	$0	2007	$449,586	$0	$0	2007	$449,586	$0	$0
-6	2008	$5,570	$0	$0	2008	$38,332	$0	$0	2008	$38,332	$0	$0
-7	2009	$5,737	$0	$0	2009	$0	$0	$0	2009	$263,289	$1,261	$8,000
-8	2010	$5,909	$0	$0	2010	$0	$0	$0	2010	$6,737	$1,288	$2,000
-9	2011	$6,086	$0	$0	2011	$0	$0	$0	2011	$6,909	$1,315	$2,000
-10	2012	$215,309	$0	$0	2012	$0	$0	$0	2012	$7,086	$1,342	$2,000
-11	2013	$6,456	$0	$0	2013	$0	$0	$0	2013	$7,268	$1,368	$2,000
-12	2014	$6,650	$0	$0	2014	$0	$0	$0	2014	$7,457	$1,396	$2,000
-13	2015	$6,850	$0	$0	2015	$0	$0	$0	2015	$250,000	$1,424	$8,957
-14	2016	$7,055	$0	$0	2016	$0	$0	$0	2016	$7,849	$1,452	$2,000
-15	2017	$7,267	$0	$0	2017	$0	$0	$0	2017	$8,055	$1,481	$2,000
-16	2018	$7,485	$0	$0	2018	$0	$0	$0	2018	$8,267	$1,511	$2,000
-17	2019	$7,710	$0	$0	2019	$0	$0	$0	2019	$8,485	$1,541	$2,000
-18	2020	$7,941	$0	$0	2020	$0	$0	$0	2020	$8,709	$1,572	$2,000
-19	2021	$8,179	$0	$0	2021	$0	$0	$0	2021	$8,941	$1,603	$4,000
	Total	$592,986	$0	$0		$487,918	$0	$0		$1,086,970	$18,554	$40,957

SUMMARY:

Benefits:

Original Net Acres	Revised Net Acres
3594	3594

Approved O&M Budget vs Obligations to Date: Increment Years -0 through -6

Funding Category	Approved Original O&M Baseline	O&M Obligations to Date	Difference
State O&M & Insp.	$294,352	$487,918	($193,566)
Corps Admin	$0	$0	$0
Fed S&A & Insp	$0	$0	$0
Totals	$294,352	***$487,918***	($193,566)

Current Request:

Current Increment Funding Request Year	Proposed Revised Estimate	Remaining Available O&M Budget	Current Funding Request Amount
Year -7	***$272,550***		
Year -8	***$10,025***		
Year -9	***$10,224***		
Totals	***$292,799***	***$158,576***	***$134,223***

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

	Total Approved O&M	O&M Obligations to Date	Remaining Available O&M Budget
2001 App. Budget	***$592,986***		
2007 Funding Incr.	***$53,508***		
Totals	***$646,494***	***$487,918***	***$158,576***

Original Approved vs Proposed Revised Fully Funded Estimates:

Approved Fully Funded Baseline Estimate	Approved Net Budget Changes to E&D, Constr., O&M (2001,2007) and Monitoring*	Additional O&M funding required for remaining project life	Requested Revised Fully Funded Estimate
$6,316,800	***-$316,080***	***$499,987***	***$6,500,707***

*Note:This figure denotes the difference between DNR 2007 Annual Report and CWPPRA Cost Sharing Computation dated 6-12-08.

Total Approved Budget less Total Proposed Revised Budget

Funding Category	Current Total	Proposed Revised Total	Difference
State O&M & Insp.	$646,494	$1,086,970	($440,476)
Corps Admin	$0	$18,554	($18,554)
Fed S&A & Insp	$0	$40,957	($40,957)
Total	***$646,494***	***$1,146,481***	($499,987)

Change in Total Cost and Cost Effectiveness:

Fully Funded Cost Estimate % Change	Original Cost Effectiveness	Revised Cost Effectiveness
2.91%	***$1,758***	***$1,809***

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

Request for CWPPRA Project O&M Funding Increase
Project Costs and Benefits Reevaluation
Fact Sheet
August 14, 2008

Project Name: Freshwater Bayou Wetland Protection Project (ME-04)
PPL: 2
Federal Sponsor: NRCS
Construction Completion Date: March 1995
Projected Project Close-out Date: January 2014
Project Description: Approximately 28,000 linear feet of freestanding, continuous foreshore rock dike were built along the west bank of Freshwater Bayou Canal to prevent further bank line erosion.

Construction changes from the approved project: No changes.

Explain why O&M funding increase is needed: The current budget shortfall represents three years worth of O&M inspections in addition to budget corrections from FY 06.

Detail O&M work conducted to date: Additional rock capping with 26,750 tons of 1,000 # rock for a length of 15,263 linear feet to elevate low sections of existing dike. This work was completed in April 2002. In December 2005 another rock capping maintenance event was performed which accounted for 21,370 tons of 1,250 # rock for a length of 11,426 linear feet.

Detail and date of next O&M work to be completed: No O&M work currently planned.

Detail of future O&M work to be completed: No maintenance work anticipated.

Originally approved fully funded project cost estimate: $2,770,093

Originally approved O&M budget: $752,457

Approved O&M Budget Increases (2004): $506,109

Total O&M obligations to date: $1,336,464

Remaining available O&M budget funds: $ (77,898)

Current Incremental Funding Request: $102,724

Revised fully funded cost estimate: $3,585,001

Total Project Life Budget Increase: $129,616

Requested Revised fully funded O&M estimate: $1,388,182

Percent total project cost increase of proposed revised budget over original budget: 29.42%

Original net benefits based on WVA prepared when project was approved: 1593 acres

Estimate of cumulative project wetland acres to date (from quantitative and/or qualitative analysis): 1593 acres.

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

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

Original CE = $1,739/acre
Revised CE = $2,250/acre 29.42%

Request for CWPPRA Project O&M Funding Increase
Project Performance Synopsis
August 4, 2008

Freshwater Bayou Wetlands (ME-04)

Shoreline along the west bank of FBC in the project area has benefited from the construction of the rock dike, as indicated by the significantly reduced erosion rates relative to the reference areas. However, the rate of erosion increases when the elevation of the rock material sinks below the originally constructed top elevation, as noted in 2001. Maintenance events in 2002 and 2005 lifted the rock dike back to the prescribed elevations.

Between 1996 and 2001 there was little or no increase of total vegetation cover or height at monitoring stations within the project area. Habitat analysis indicates that intermediate and brackish marsh has overtaken former areas of fresh marsh in the southeastern part of the ME-04 project area.

In addition, vegetation in the project area was severely impacted by Hurricane Rita and is slowly recovering, although species assemblages are reverting to more salt tolerant species. The fresher species present in the area before Hurricane Rita, *Sagittaria lancifolia*, *Panicum hemitomon*, and *Eleocharis fallax*, were killed by the storm surge and have not as yet re-established. *Echinochloa walterii* had a fair amount of cover in 2006 but very little in 2007. *Juncus roemerianus*, a salt tolerant species, emerged after the storm and is proliferating. Fresher species such as *Schoenoplectus californicus*, *S. pungens*, *Typha* sp., and *Panicum dichotomiflorum* were present in 2007.

Prior to Hurricane Rita, approximately 92% of the vegetation stations utilized for this survey were healthy and intact. Following Hurricane Rita in 2005, 90% of the stations were stressed or had converted to open water (Figure 1). By 2007, 70% of the stations had recovered while 14 % reverted to open water and an addition 12% remained severely stressed. It is likely that the Open water stations in ME-04 may recover.

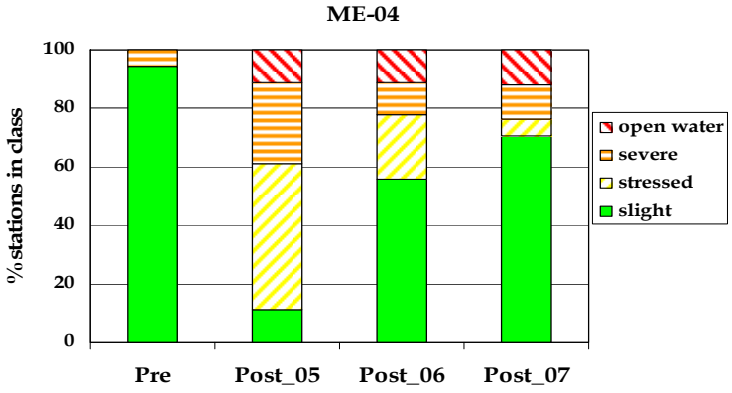


Figure 1. Percent of LDNR Vegetation stations in each stress class before and after Hurricane Rita in the ME-04 project.

CWPPRA Project O&M Budget Adjustment Template

Project Name: Freshwater Bayou Wetlands ME-04
PPL: 2
Project Sponsor: NRCS

Prepared By: CPRA
Date Prepared: 9/10/2008
Date Revised:

	Approved Original Base Line (includes TF approved increase from Jan 1999)				Obligations to Date				Proposed Revised Estimate and Schedule			
Year	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	O&M & State Insp.	Corps Admin	Fed S&A & Insp
0	1995	$6,404	$0	$0	1995	$0	$0	$0	1995	$0	$0	$0
-1	1996	$6,602	$0	$0	1996	$0	$0	$0	1996	$0	$0	$0
-2	1997	$6,806	$0	$0	1997	$0	$0	$0	1997	$0	$0	$0
-3	1998	$7,017	$0	$0	1998	$0	$0	$0	1998	$0	$0	$0
-4	1999	$7,234	$0	$0	1999	$0	$0	$0	1999	$0	$0	$0
-5	2000	$331,856	$0	$0	2000	$0	$0	$0	2000	$0	$0	$0
-6	2001	$7,689	$0	$0	2001	$0	$0	$0	2001	$0	$0	$0
-7	2002	$7,927	$0	$0	2002	$0	$0	$0	2002	$0	$0	$0
-8	2003	$8,172	$0	$0	2003	$0	$0	$0	2003	$0	$0	$0
-9	2004	$8,425	$0	$0	2004	$0	$0	$0	2004	$0	$0	$0
-10	2005	$8,677	$0	$0	2005	$0	$0	$0	2005	$0	$0	$0
-11	2006	$8,938	$0	$0	2006	$82,900	$0	$0	2006	$82,900	$0	$0
-12	2007	$9,206	$0	$0	2007	$266,854	$0	$982,422	2007	$266,854	$0	$982,422
-13	2008	$9,482	$0	$0	2008	$3,088	$0	$1,200	2008	$3,088	$0	$1,200
-14	2009	$9,767	$0	$0	2009	$0	$0	$0	2009	$5,570	$1,261	$1,224
-15	2010	$264,907	$0	$0	2010	$0	$0	$0	2010	$5,737	$1,288	$1,249
-16	2011	$10,361	$0	$0	2011	$0	$0	$0	2011	$5,909	$1,315	$1,273
-17	2012	$10,672	$0	$0	2012	$0	$0	$0	2012	$6,086	$1,342	$1,299
-18	2013	$10,993	$0	$0	2013	$0	$0	$0	2013	$6,268	$1,368	$1,325
-19	2014	$11,322	$0	$0	2014	$0	$0	$0	2014	$6,457	$1,396	$1,351
	Total	$752,457	$0	$0		$352,842	$0	$983,622		$388,869	$7,970	$991,343

SUMMARY:

Benefits:

Original Net Acres	Revised Net Acres
1593	1593

Approved O&M Budget vs Obligations to Date: Increment Years -0 through -13

Funding Category	Approved Original O&M Baseline	O&M Obligations to Date	Difference
State O&M & Insp.	$434,435	$352,842	$81,593
Corps Admin	$0	$0	$0
Fed S&A & Insp	$0	$983,622	($983,622)
Totals	$434,435	***$1,336,464***	($902,029)

Current Request:

Current Increment Funding Request Year	Proposed Revised Estimate	Remaining Available O&M Budget	Current Funding Request Amount
Year -14	***$8,055***		
Year -15	***$8,274***		
Year -16	***$8,497***		
Totals	***$24,826***	***($77,898)***	***$102,724***

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

	Total Approved O&M	O&M Obligations to Date	Remaining Available O&M Budget
1999 App. Budget	***$752,457***		
2004 Funding Incr.	***$506,109***		
Totals	***$1,258,566***	***$1,336,464***	***($77,898)***

Original Approved vs Proposed Revised Fully Funded Estimates:

Approved Fully Funded Baseline Estimate	Approved Net Budget Changes to E&D, Constr., O&M (1999, 2004) and Monitoring	Additional O&M funding required for remaining project life	Requested Revised Fully Funded Estimate
$2,770,093	***$685,292***	***$129,616***	***$3,585,001***

Total Approved Budget less Total Proposed Revised Budget

Funding Category	Current Total	Proposed Revised Total	Difference
State O&M & Insp.	$1,258,566	$388,869	$869,697
Corps Admin	$0	$7,970	($7,970)
Fed S&A & Insp	$0	$991,343	($991,343)
Total	***$1,258,566***	***$1,388,182***	($129,616)

Change in Total Cost and Cost Effectiveness:

Fully Funded Cost Estimate % Change	Original Cost Effectiveness	Revised Cost Effectiveness
29.42%	***$1,739***	***$2,250***

Request for CWPPRA Project O&M Funding Increase
Project Costs and Benefits Reevaluation
Fact Sheet
August 14, 2008

Project Name: Freshwater Bayou Bank Stabilization Project (ME-13)
PPL: 5
Federal Sponsor: NRCS
Construction Completion Date: June 1998
Projected Project Close-out Date: January 2017
Project Description: Approximately 23,193 linear feet of freestanding foreshore rock dike were constructed in shallow water along the west bank of Freshwater Bayou Canal to prevent further bank line erosion.

Construction changes from the approved project: No changes.

Explain why O&M funding increase is needed: The current budget shortfall represents three years worth of O&M inspections in addition to budget corrections from FY 06.

Detail O&M work conducted to date: Additional rock capping with 20,987 tons of 1,250 # rock for a length of 9,130 linear feet to elevate low sections of existing dike. This work was completed in December 2005.

Detail and date of next O&M work to be completed: No O&M work currently planned.

Detail of future O&M work to be completed: No maintenance is anticipated.

Originally approved fully funded project cost estimate: $3,998,919

Originally approved O&M budget: $575,510

Total O&M obligations to date: $589,588

Remaining available O&M budget funds: $(14,078)

Current Incremental Funding Request: $38,904

Revised fully funded cost estimate: $2,638,393

Total Project Life Budget Increase: $94,926

Requested Revised fully funded O&M estimate: $670,436

Percent total project cost increase of proposed revised budget over original budget: -34.02%

Original net benefits based on WVA prepared when project was approved: 511 acres

Estimate of cumulative project wetland acres to date (from quantitative and/or qualitative analysis): 511 acres.

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

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

Original CE = $7,826/acre
Revised CE = $5,163/acre -34.02%

Request for CWPPRA Project O&M Funding Increase
Project Performance Synopsis
August 4, 2008

Freshwater Bayou Shoreline Protection (ME-13)

The ME-13 project appears to be meeting its specific goal of reducing shoreline erosion along the west bank of Freshwater Bayou Canal behind the project rock dike. The shoreline is prograding behind the protection of the rock dike at an average rate of 0.84 ft/yr (0.26 m/yr) and the unprotected reference areas are eroding at an average rate of -11.94 ft/yr (-3.64 m/yr) based on analysis of post-construction data for the five-year period beginning July 21, 1998 and ending July 21, 2003.

Variation in the shoreline retreat rate along the project and reference area shorelines may be related to the erodibility of the substrate. Marsh soils erode more rapidly than spoil bank soils, which erode more rapidly than shell ridges. Additionally, variability in the project area may be related to crown height of the rock dike. The rate of erosion increases when the elevation of the rock material sinks below the originally constructed top elevation. Shoreline measurements in 2009 will provide further indications of project effectiveness.

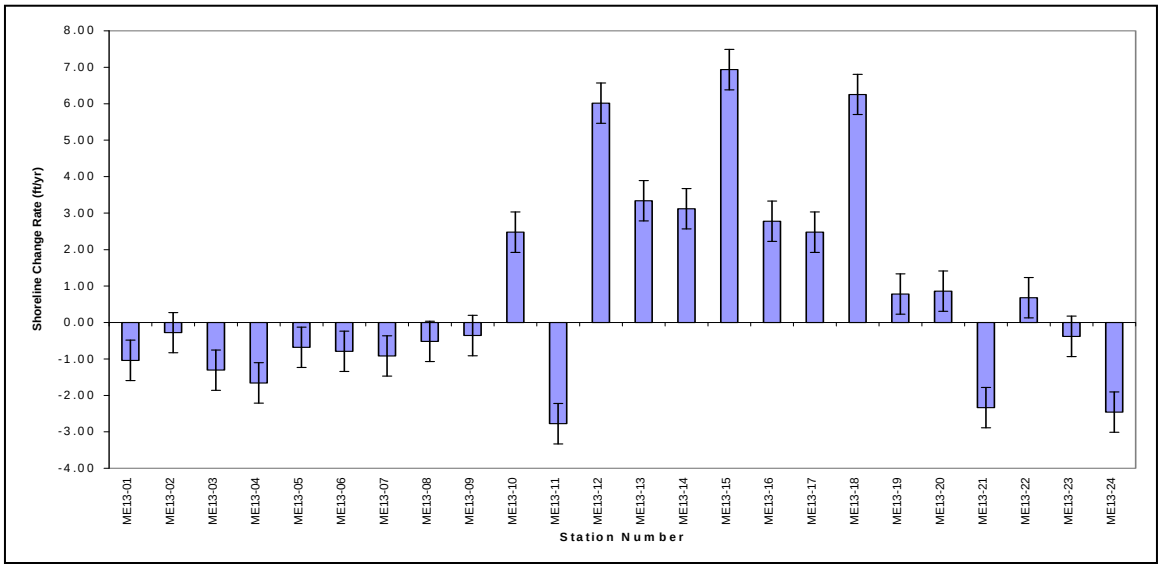


Figure 1. Shoreline change rate (ft/yr) along Freshwater Bayou Canal at the ME-13 project area stations for the July 23, 1998 – July 21, 2003 time period. Error bars represent ±1 standard error of the mean of all stations.

CWPPRA Project O&M Budget Adjustment Template

Project Name: Freshwater Bayou Bank Stabilization ME-13
PPL: 5
Project Sponsor: NRCS

Prepared By: CPRA
Date Prepared: 9/10/2008
Date Revised:

	Approved Original Base Line (includes TF approved increase from Jan 1999)				Obligations to Date				Proposed Revised Estimate and Schedule			
Year	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	O&M & State Insp.	Corps Admin	Fed S&A & Insp
0	1998	$2,755	$0	$0	1998	$0	$0	$0	1998	$0	$0	$0
-1	1999	$2,840	$0	$0	1999	$0	$0	$0	1999	$0	$0	$0
-2	2000	$2,928	$0	$0	2000	$0	$0	$0	2000	$0	$0	$0
-3	2001	$3,019	$0	$0	2001	$0	$0	$0	2001	$0	$0	$0
-4	2002	$3,113	$0	$0	2002	$0	$0	$0	2002	$0	$0	$0
-5	2003	$284,132	$0	$0	2003	$0	$0	$0	2003	$0	$0	$0
-6	2004	$3,309	$0	$0	2004	$0	$0	$0	2004	$0	$0	$0
-7	2005	$3,411	$0	$0	2005	$0	$0	$0	2005	$0	$0	$0
-8	2006	$3,517	$0	$0	2006	$28,532	$0	$0	2006	$28,532	$0	$0
-9	2007	$3,626	$0	$0	2007	$78,153	$0	$479,245	2007	$78,153	$0	$479,245
-10	2008	$3,735	$0	$0	2008	$2,458	$0	$1,200	2008	$2,458	$0	$1,200
-11	2009	$3,847	$0	$0	2009	$0	$0	$0	2009	$5,570	$1,261	$1,224
-12	2010	$3,962	$0	$0	2010	$0	$0	$0	2010	$5,737	$1,288	$1,249
-13	2011	$4,081	$0	$0	2011	$0	$0	$0	2011	$5,909	$1,315	$1,273
-14	2012	$4,203	$0	$0	2012	$0	$0	$0	2012	$6,086	$1,342	$1,299
-15	2013	$224,376	$0	$0	2013	$0	$0	$0	2013	$6,268	$1,368	$1,325
-16	2014	$4,459	$0	$0	2014	$0	$0	$0	2014	$6,457	$1,396	$1,351
-17	2015	$4,593	$0	$0	2015	$0	$0	$0	2015	$6,650	$1,424	$1,378
-18	2016	$4,731	$0	$0	2016	$0	$0	$0	2016	$6,850	$1,452	$1,406
-19	2017	$4,873	$0	$0	2017	$0	$0	$0	2017	$7,055	$1,481	$1,434
	Total	$575,510	$0	$0		$109,143	$0	$480,445		$165,725	$12,327	$492,384

SUMMARY:

Benefits:

Original Net Acres	Revised Net Acres
511	511

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

Funding Category	Approved Original O&M Baseline	O&M Obligations to Date	Difference
State O&M & Insp.	$316,385	$109,143	$207,242
Corps Admin	$0	$0	$0
Fed S&A & Insp	$0	$480,445	($480,445)
Totals	$316,385	***$589,588***	($273,203)

Current Request:

Current Increment Funding Request Year	Proposed Revised Estimate	Remaining Available O&M Budget	Current Funding Request Amount
Year -11	***$8,055***		
Year -12	***$8,274***		
Year -13	***$8,497***		
Totals	***$24,826***	***($14,078)***	***$38,904***

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

	Total Approved O&M	O&M Obligations to Date	Remaining Available O&M Budget
1999 App. Budget	***$575,510***	***$589,588***	***($14,078)***

Original Approved vs Proposed Revised Fully Funded Estimates:

Approved Fully Funded Baseline Estimate	Approved Net Budget Changes to E&D, Constr., O&M (1999) and Monitoring	Additional O&M funding required for remaining project life	Requested Revised Fully Funded Estimate
$3,998,919	***($1,455,452)***	***$94,926***	***$2,638,393***

Total Approved Budget less Total Proposed Revised Budget

Funding Category	Current Total	Proposed Revised Total	Difference
State O&M & Insp.	$575,510	$165,725	$409,785
Corps Admin	$0	$12,327	($12,327)
Fed S&A & Insp	$0	$492,384	($492,384)
Total	***$575,510***	***$670,436***	($94,926)

Change in Total Cost and Cost Effectiveness:

Fully Funded Cost Estimate % Change	Original Cost Effectiveness	Revised Cost Effectiveness
-34.02%	***$7,826***	***$5,163***

Request for CWPPRA Project O&M Funding Increase
Project Costs and Benefits Reevaluation
Fact Sheet
September 10, 2008

Project Name: Little Lake Shoreline Protection and Marsh Creation (BA-37)
PPL: 11
Federal Sponsor: NMFS
Construction Completion Date: March 2007
Projected Project Close-out Date: March 2027
Project Description: Construction of approximately four (4) miles of rock dike shoreline and 900+ acres of marsh creation and nourishment of existing marsh.

Construction changes from the approved project: No changes.

Explain why O&M funding increase is needed: The original approved O&M budget included post construction surveys in years 1, 3 and 5 to evaluate the initial consolidation of the disposal area and to track marsh elevations. After discussions with the LDNR design engineer and NMFS, it was decided that marsh surveys every year for the first five (5) years will provide a more accurate representation of consolidation of the disposal area. Therefore, marsh survey events were added for years 2 and 4.

Detail O&M work conducted to date: Year 1 marsh survey is currently in progress and should be completed by the end of August 2008.

Detail and date of next O&M work to be completed: Year 2 marsh surveys of the disposal area are scheduled to begin in May 2009.

Detail of future O&M work to be completed:
Marsh surveys in years 2010, 2011 and 2012.
Lift of rock rip rap along entire section of rock dike in 2012.
Annual field inspections.

Originally approved fully funded project cost estimate: $35,994,929

Originally approved O&M budget: $121,495

Approved O&M Budget Increases: $0

Total O&M obligations to date: $5,973

Remaining available O&M budget funds: $109,347

Current Incremental Funding Request: $65,124

Revised fully funded cost estimate: $29,890,001

Total Project Life Budget Increase: $3,091,351

Requested Revised fully funded O&M estimate: $7,715,361

Percent total project cost increase of proposed revised budget over original budget: -16.96%

Original net benefits based on WVA prepared when project was approved: 713 acres

Estimate of cumulative project wetland acres to date (from quantitative and/or qualitative analysis): 713 acres

Revised estimate of project benefits in net acres through 20 year project life based on the project with and without continued O&M (include description of method used to determine estimate): 713 acres

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

Original CE = $50,484/acre
Revised CE = $41,921/acre

CWPPRA Project O&M Budget Adjustment Template

Project Name: Little Lake Shoreline Protection and Marsh Creation (BA-37)
PPL: 11
Project Sponsor: NMFS

Prepared By: CPRA
Date Prepared: 9/10/2008
Date Revised: 10/22/2008

	Approved Original Base Line				Obligations to Date				Proposed Revised Estimate and Schedule				
Year	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	State O&M & Insp.	Corps Admin	Fed S&A & Insp	FY	O&M & State Insp.	Corps Admin	Fed S&A & Insp	
0	2008	$53,540	$4,269	$0	2008	$5,973	$0	$0	2008	$53,341	$4,269	$1,247	$58,857
-1	2009	$5,197	$938	$0	2009	$0	$0	$0	2009	$55,047	$938	$1,287	$57,272
-2	2010	$56,583	$968	$0	2010	$0	$0	$0	2010	$56,810	$968	$1,328	$59,106
-3	2011	$5,535	$999	$0	2011	$0	$0	$0	2011	$58,629	$999	$1,370	$60,998
-4	2012	$60,730	$1,030	$0	2012	$0	$0	$0	2012	$6,867,006	$1,030	$156,390	$7,024,426
-5	2013	$5,895	$1,063	$0	2013	$0	$0	$0	2013	$5,662	$1,063	$1,459	$8,184
-6	2014	$83,091	$1,097	$0	2014	$0	$0	$0	2014	$5,843	$1,097	$1,506	$8,446
-7	2015	$6,278	$1,133	$0	2015	$0	$0	$0	2015	$6,030	$1,133	$1,554	$8,717
-8	2016	$6,478	$1,169	$0	2016	$0	$0	$0	2016	$6,223	$1,169	$1,604	$8,996
-9	2017	$71,085	$1,206	$0	2017	$0	$0	$0	2017	$70,822	$1,206	$1,655	$73,683
-10	2018	$6,901	$1,245	$0	2018	$0	$0	$0	2018	$6,628	$1,245	$1,708	$9,581
-11	2019	$7,121	$1,285	$0	2019	$0	$0	$0	2019	$6,840	$1,285	$1,763	$9,888
-12	2020	$7,349	$1,326	$0	2020	$0	$0	$0	2020	$7,059	$1,326	$1,819	$10,204
-13	2021	$7,059	$1,368	$0	2021	$0	$0	$0	2021	$172,285	$1,368	$3,620	$177,273
-14	2022	$4,176,149	$1,412	$0	2022	$0	$0	$0	2022	$82,906	$1,412	$1,938	$86,256
-15	2023	$8,077	$1,457	$0	2023	$0	$0	$0	2023	$7,759	$1,457	$2,000	$11,216
-16	2024	$8,336	$0	$0	2024	$0	$0	$0	2024	$8,007	$0	$2,064	$10,071
-17	2025	$8,602	$0	$0	2025	$0	$0	$0	2025	$8,263	$0	$2,130	$10,393
-18	2026	$8,877	$0	$0	2026	$0	$0	$0	2026	$8,528	$0	$2,198	$10,726
-19	2027	$9,162	$0	$0	2027	$0	$0	$0	2027	$8,800	$0	$2,268	$11,068
	Total	$4,602,045	$21,965	$0		$5,973	$0	$0		$7,502,488	$21,965	$190,908	$7,715,361

(Note: Obligations to date are derived from CWPPRA Cost Sharing Computations dated June 12, 2008 in addition to updated charges by DNR & NMFS)

SUMMARY:

Benefits:

Original Net Acres	Revised Net Acres
713	713

Approved O&M Budget vs Obligations to Date: Increment Year -0

Funding Category	Approved Original O&M Baseline	O&M Obligations to Date	Difference
State O&M & Insp.	$115,320	$5,973	$109,347
Corps Admin	$6,175	$0	$6,175
Fed S&A & Insp	$0	$0	$0
Totals	$121,495	***$5,973***	$115,522

Current Request:

Current Increment Funding Request Year	Proposed Revised Estimate	Remaining Available O&M Budget	Current Funding Request Amount
Year -1	***$56,334***		
Year -2	***$58,138***		
Year -3	***$59,999***		
Totals	***$174,471***	***$109,347***	***$65,124***

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

	Total Approved Original O&M Baseline	O&M Obligations to Date	Remaining Available O&M Budget
State O&M & Insp.	$115,320		
Prior Funding Incr.	$0		
Totals	***$115,320***	***$5,973***	***$109,347***

Original Approved vs Proposed Revised Fully Funded Estimates:

Approved Fully Funded Baseline Estimate	Approved Net Budget Changes to E&D and Construction (see note below)	Additional O&M funding required for remaining project life	Requested Revised Fully Funded Estimate
$35,994,929	***($9,196,279)***	***$3,091,351***	***$29,890,001***

Note: Construction funds in the amount of $10,237,346 were returned to the program.

Total Approved Original Budget less Total Proposed Revised Budget

Funding Category	Original Total	Proposed Revised Total	Difference
State O&M & Insp.	$4,602,045	$7,502,488	($2,900,443)
Corps Admin	$21,965	$21,965	$0
Fed S&A & Insp	$0	$190,908	($190,908)
Total	***$4,624,010***	***$7,715,361***	($3,091,351)

Change in Total Cost and Cost Effectiveness:

Fully Funded Cost Estimate % Change	Original Cost Effectiveness	Revised Cost Effectiveness
-16.96%	***$50,484***	***$41,921***

COASTWIDE NUTRIA CONTROL PROGRAM (LA-03B)

FEDERAL AGENCY: NRCS

	TOTAL	Construction	O & M	Post Const Monitoring	COE Mgt
TASK FORCE APPROVED PHASE II BUDGET (YEARS 1-9)	**$21,929,696**	$1,682,839	$19,306,473	$933,150	$7,234
EXPENDED: PROGRAM YR 1 (2002-2003)	$1,797,063	$1,682,839		$113,518	$706
EXPENDED: PROGRAM YR 2 (2003-2004)	$1,770,229		$1,696,217	$73,283	$729
EXPENDED: PROGRAM YR 3 (2004-2005)	$1,580,451		$1,523,412	$56,287	$752
EXPENDED: PROGRAM YR 4 (2005-2006)	$1,059,669		$954,192	$104,701	$776
EXPENDED: PROGRAM YR 5 (2006-2007)	$2,366,367		$2,290,206	$75,361	$801
EXPENDED/ESTIMATED: PROGRAM YR 6 In Progress (2007-2008)	$2,045,188		$1,942,629	$101,732	$827
ESTIMATED: PROGRAM YR 7 (2008-2009)	$3,282,195		$3,156,342	$125,000	$853
ESTIMATED: PROGRAM YR 8 (2009-2010)	$3,387,426		$3,256,545	$130,000	$881
ESTIMATED: PROGRAM YR 9 (2010-2011)	$3,392,664		$3,256,755	$135,000	$909
EXPENDED/ESTIMATED THRU PROGRAM YEAR 9	**$20,681,253**	**$1,682,839**	**$18,076,298**	**$914,882**	**$7,234**
PROJECTED AVAILABLE BALANCE AFTER PROGRAM YEAR 9	**$1,248,443**	**$0**	**$1,230,175**	**$18,269**	**$0**
ESTIMATED: PROGRAM YR 10 (2010-2011)	**$3,412,908**	$0	$3,271,970	$140,000	$938
2008 OM&M, MONITORING, and MGT REQUEST to Fund LA-03b THRU PROG. YR. 10	**$2,164,465**	**$0**	**$2,041,795**	**$121,732**	**$938**

	PROJECTED EXPENDITURES			
	Prog. Yr 7	Prog. Yr 8	Prog. Yr 9	Prog. Yr 10
	2008-09	2009-10	2010-11	2011-12
NRCS S&A[1]	$22,537	$22,618	$22,702	$22,788
DNR S&A[1]	$33,805	$33,927	$34,053	$34,182
DWF Activities				
Nutria Herbivory Survey	$105,000	$110,000	$115,000	$120,000
General O&M Activities[2]	$500,000	$600,000	$600,000	$615,000
Incentive Payments[3]	$2,000,000	$2,000,000	$2,000,000	$2,000,000
Nutria Survey Report	$20,000	$20,000	$20,000	$20,000
Contingency[3]	$600,000	$600,000	$600,000	$600,000
COE Project Management	$853	$881	$909	$938
TOTAL	$3,282,195	$3,387,426	$3,392,664	$3,412,908

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

[1] S&A from original project budget estimate

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

Coastwide Nutria Control Program (LA-03b)
Compare Original (2002) Estimate vs 2008 Current Request Thru Program Year 10

Numbers extracted from 2002 economic data sheet -- Fully funded costs page

"Construction" = first cost, not including monitoring or COE

fed s&a	state s&a	contingency	construction	total
18,900	88,350	472,500	1,890,000	2,469,750

Prog Year	"Construction"	mon	o&m	coe	
1	2,469,750	125,129		706	
2		118,813	2,378,237	729	
3		122,615	2,389,061	752	
4		126,539	2,400,231	776	
5		130,588	2,411,758	801	
6		146,472	2,949,550	827	
7		139,080	2,945,931	853	
8		143,530	2,958,601	881	
9		148,123	2,971,677	909	
10		152,863	2,985,170	938	
					TOTAL
total	2,469,750	1,353,752	24,390,217	8,173	**28,221,892**

After Upcoming 2008 Request, the current budget thru Program Year 10

Prog Year	Construction	Post Const Monitoring	O & M	COE Mgt	
1	$1,682,839	$113,518		$706	
2		$73,283	$1,696,217	$729	
3		$56,287	$1,523,412	$752	
4		$104,701	$954,192	$776	
5		$75,361	$2,290,206	$801	
6		$101,732	$1,942,629	$827	
7		$125,000	$3,156,342	$853	
8		$130,000	$3,256,545	$881	
9		$135,000	$3,256,755	$909	
10		$140,000	$3,271,970	$938	
					TOTAL
total	$1,682,839	$1,054,882	$21,348,268	$8,172	**$24,094,161**

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

November 5, 2008

COAST-WIDE NUTRIA CONTROL PROGRAM - ANNUAL REPORT

For Report:

LA-03b Coast-wide Nutria Control Program (CNCP) Annual Report and Presentation to the Task Force.

Louisiana Coastwide Nutria Control Program: Year 6

CWPPRA Project (LA-03b)

Edmond Mouton and Janet Wiebe
Louisiana Department of Wildlife & Fisheries

Coastal Environments, Inc.
Baton Rouge, LA

PROGRAM FUNDING

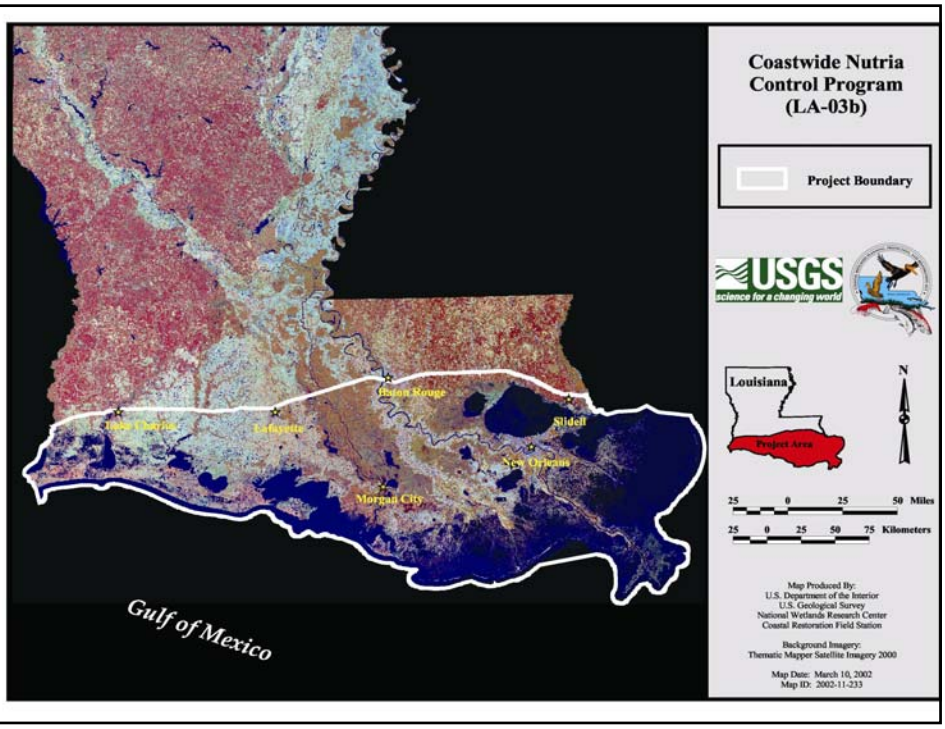
- This project and its data collection is Funded by Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) through the USDA-Natural Resources Conservation Service (NRCS) and the Coastal Protection and Restoration Authority, Office of Coastal Protection and Restoration (CPRA/OCPR).

- Implemented by La. Dept. of Wildlife and Fisheries, (LDWF) and Coastal Environments Inc., (CEI).

COASTWIDE NUTRIA CONTROL PROGRAM

- **Goal**: to significantly reduce marsh damage from nutria herbivory by removing **400,000** nutria per year.

- **Method**: incentive payment to registered hunters/trappers was **$4.00** per nutria tail for the first 4 years. In year 5 the payment was increased to **$5.00** per nutria tail delivered to collection station.



Application Process

Application Submitted to LDWF

↓

Application Reviewed by LDWF

Approve

Deny

Letter to Participant Indicating Problem

COASTWIDE NUTRIA CONTROL PROGRAM
PARTICIPANT APPLICATION FORM (2008-2009)

SSN: ____-____-____ TRAPPING LICENSE NUMBER: _____

NAME: _____ MAILING ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____ PHONE: _____

BIRTH DATE: ____/____/____ DRIVER'S LICENSE NO: _____ STATE: _____

SIGNATURE OF APPLICANT_____ DATE_____

Did you participate in the program last year? YES NO

If yes, are you trapping/hunting the same property? YES NO

I WISH TO TAKE NUTRIA ON PROPERTY OWNED OR MANAGED BY:

COMPANY NAME: _____

REPRESENTATIVE NAME: _____ LANDOWNER or LAND MANAGER (Circle)

ADDRESS: _____ CITY: _____ STATE: _____

ZIP: _____ PHONE: _____

To be completed by Landowner/Manager ONLY:

Signature of Landowner / Manager DATE
If Trapping Lease, Date of Expiration_____

DESCRIPTION OF AREA TO BE TRAPPED / HUNTED

WITH THIS APPLICATION YOU MUST SUBMIT: 1) COPY OF COMPLETE PROPERTY TAX RECEIPT OR 2) A LEGAL TRAPPING LEASE. EITHER OF THESE MUST CONTAIN TOWNSHIP, RANGE AND SECTION INFORMATION. YOU MUST ALSO INCLUDE A MAP OUTLINING THE PROPERTY TO BE TRAPPED / HUNTED. THIS SECTION MUST BE COMPLETED IN ORDER FOR YOUR APPLICATION TO BE PROCESSED:

PARISH: _____ TOTAL ACRES TO BE TRAPPED / HUNTED _____

TOWNSHIP: _____ RANGE: _____ SECTIONS: _____

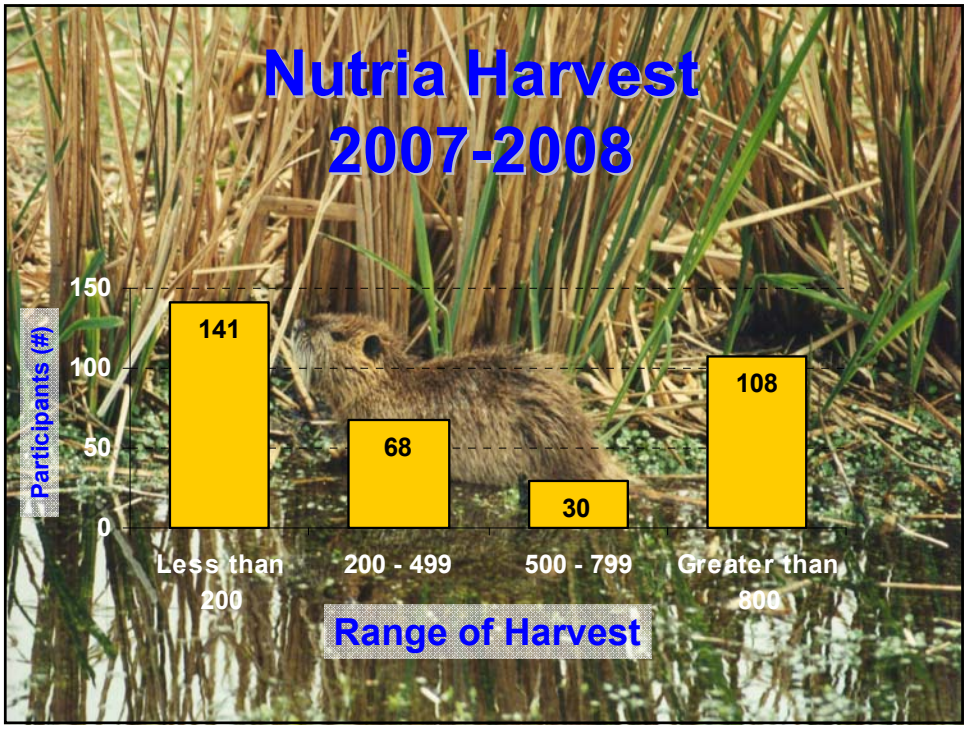
TOWNSHIP: _____ RANGE: _____ SECTIONS: _____

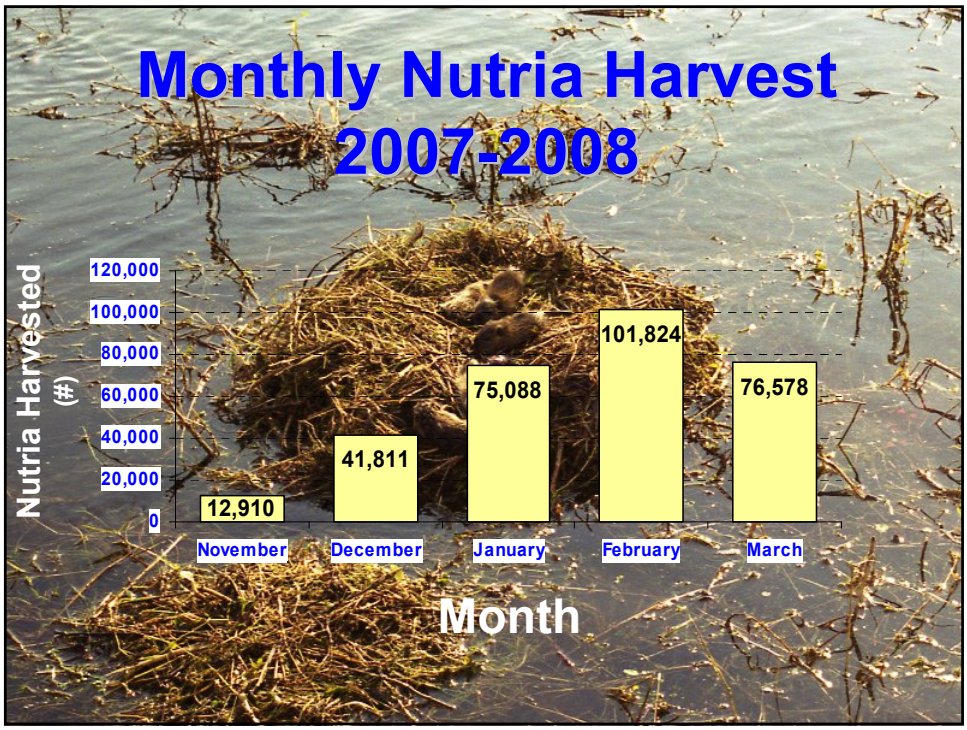
**********DO NOT WRITE BELOW THIS LINE**********

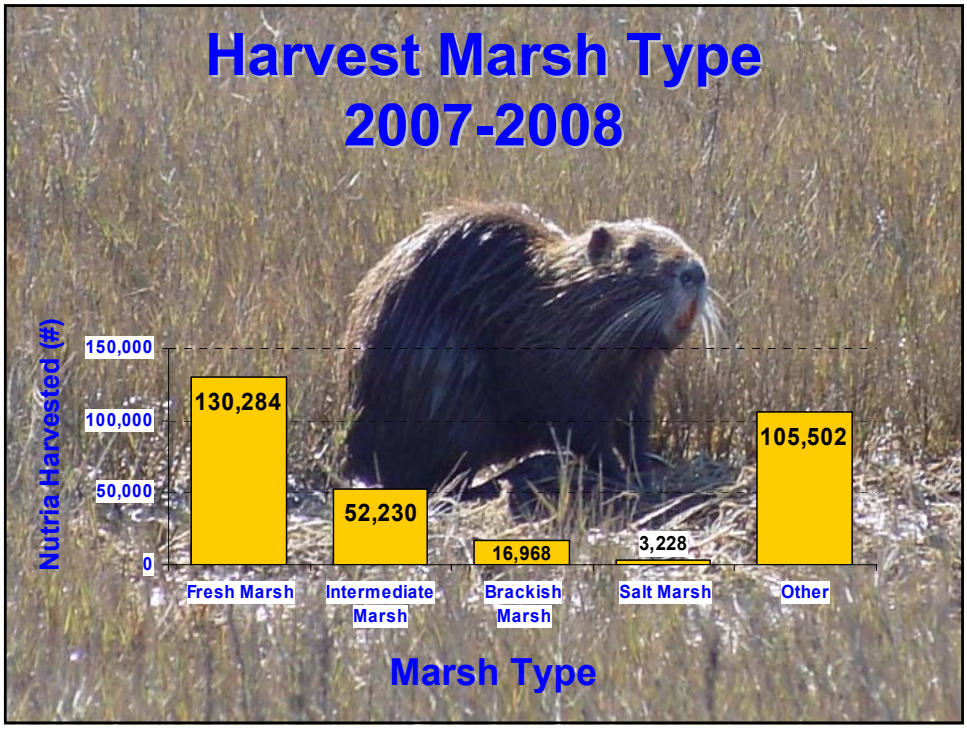
NUTRIA CONTROL PROGRAM REGISTRATION # ISSUED TO THIS APPLICANT_____

Nutria Harvest 2007-2008

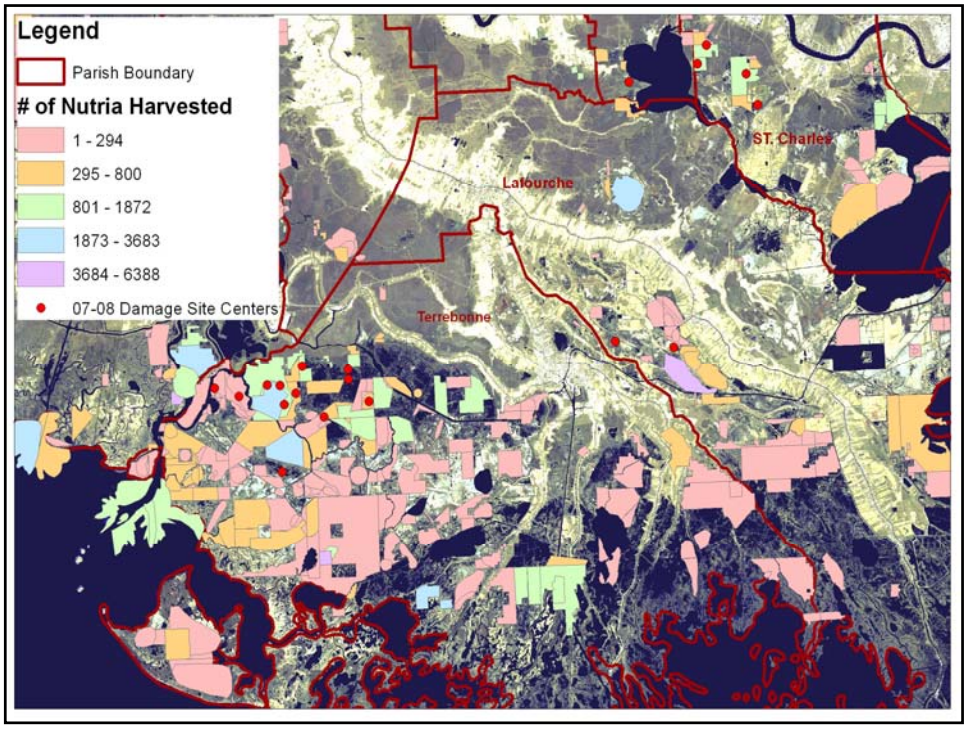
- A total of **308,212** nutria tails, worth **$1,541,060** in incentive payments were collected.
- **347** active participants.


Nutria Harvest
2007-2008
Participants (#)
150
100
50
0
141
68
30
108
Less than 200
200 - 499
500 - 799
Greater than 800
Range of Harvest


Monthly Nutria Harvest
2007-2008
Nutria Harvested (#)
120,000
100,000
80,000
60,000
40,000
20,000
0
12,910
41,811
75,088
101,824
76,578
November
December
January
February
March
Month

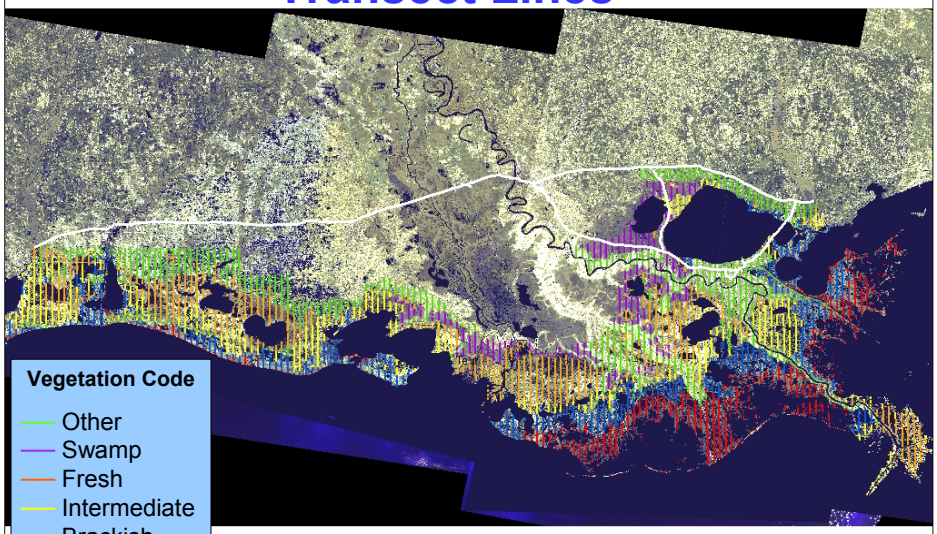

Harvest Marsh Type
2007-2008
Nutria Harvested (#)
150,000
100,000
50,000
0
130,284
52,230
16,968
3,228
105,502
Fresh Marsh
Intermediate Marsh
Brackish Marsh
Salt Marsh
Other
Marsh Type

2007-2008
Method of Take
Shot with a Rifle
149,734
49%
Trapped
130,330
42%
Shot with a Shotgun
28,148
9%


Legend
Parish Boundary
# of Nutria Harvested
1 - 294
295 - 800
801 - 1872
1873 - 3683
3684 - 6388
07-08 Damage Site Centers
ST. Charles
Lafourche
Terrebonne

206B Bell Jet Ranger

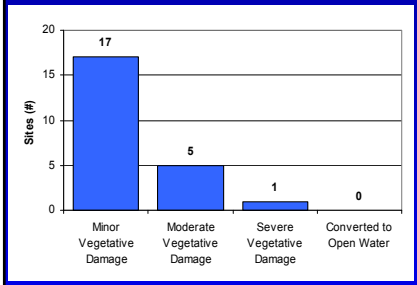
Transect Lines



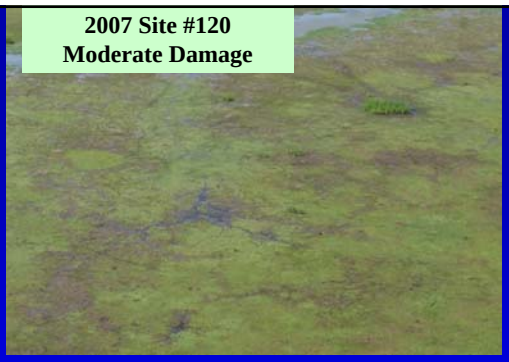
There are 155 transect lines.
A Total of 2,354.70 miles

2007-2008

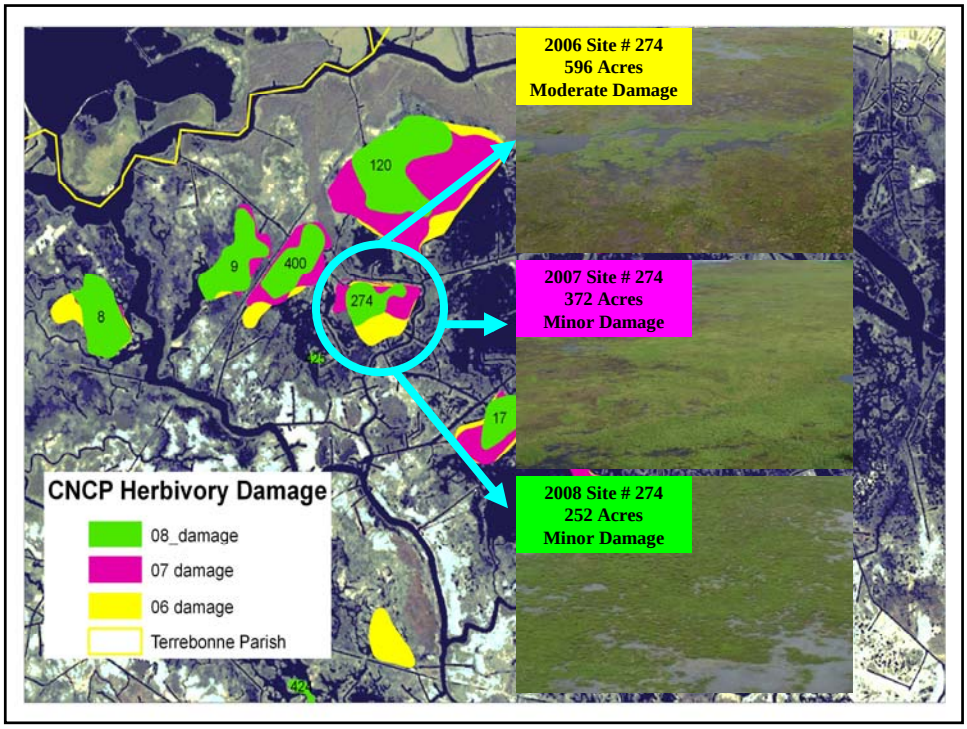
23 Total Nutria Damage Sites



2007 Site #120
Moderate Damage



2008 Site #120
Minor Damage



2008 Nutria Damage Survey

- The 2008 Vegetative Damage Survey yielded **23,141** acres of nutria damage coastwide.
- Compared to 2007 (**33,548** acres coastwide), this was approximately a **31% decrease** in the number of damaged acres in 2008.
- The recovered sites **(6)** in 2008 had a combined acreage of **736 acres**.

Summary of Initial Results 1999-2002

Three Years Prior to CNCP

Nutria Harvested		Herbivory Damage	
1999-2000:	20,110	2000:	97,271
2000-2001:	29,544	2001:	83,021
2001-2002:	24,683	2002:	79,444

Summary of Initial Results 2002-2008

First Six years of CNCP

Nutria Harvested		Herbivory Damage	
2002-2003:	308,160	2003:	82,080
2003-2004:	332,596	2004:	63,398
2004-2005:	297,535	2005:	53,475
2005-2006:	168,843	2006:	55,755
2006-2007:	375,683	2007:	34,665
2007-2008:	308,212	2008:	23,141

QUESTIONS ?
www.nutria.com
Edmond Mouton or
Janet Wiebe
337-373-0032

Nutria Harvest and Distribution 2007-2008
and
A Survey of Nutria Herbivory Damage in Coastal Louisiana in 2008

Conducted by:
Fur and Refuge Division
Louisiana Department of Wildlife and Fisheries

As part of the
Coastwide Nutria Control Program*
CWPPRA Project (LA-03b)

Submitted by:
Janet Wiebe and Edmond Mouton

June 30, 2008

* Funded by Coastal Wetlands, Planning, Protection, and Restoration Act through the Natural Resources Conservation Service and The La. Dept. of Natural Resources

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Section 1

NUTRIA HARVEST DISTRIBUTION 2007-2008

Introduction

Since 2001, annual coast wide aerial surveys assessing herbivory in Louisiana have documented approximately 25,935 acres of marsh converted to open water due to nutria vegetative damage. (This acreage is actual observed acreage multiplied by a constant to account for land not seen from the transects.) This loss of marsh in Louisiana is devastating to the people that depend on it for their livelihood as well as people that use it for recreation. It is vital to the people of Louisiana to protect the wetlands from destruction whenever possible. In order to remove the threat of land loss due to nutria, the Coastwide Nutria Control Program was developed.

The nutria (Myocastor coypus) is a large semi-aquatic rodent indigenous to South America. The first introduction of nutria to North America occurred in California in 1899; however it was not until the 1930's that additional animals were introduced in seven other states. These importations, primarily for fur farming, failed during the Second World War as a result of poor pelt prices and poor reproductive success. After the failures of these fur farms, nutria were released into the wild. Sixteen states now have feral populations of nutria.

The Gulf Coast nutria population originated in Louisiana in the 1930's from escapes and possible releases from nutria farms. Populations first became established in the western coastal portion of the state and then later spread to the east through natural expansion coupled with stocking. During the mid-1950s muskrat populations were declining, nutria had little fur value, and serious damage was occurring in rice fields in southwestern Louisiana and sugarcane fields in southeastern Louisiana; farmers complained about damage to crops and levee systems, while muskrat trappers blamed the nutria for declining numbers of muskrats. In 1958, the Louisiana Legislature placed the nutria on the list of unprotected wildlife and created a $0.25 bounty on every nutria killed in 16 south Louisiana parishes, but funds were never appropriated.

Research efforts were initiated by the federal government in the southeastern sugarcane region of the state to determine what control techniques might be successful. This research conducted by the U.S. Fish and Wildlife Service during the 1960's examined movements in relation to sugarcane damage and recommended shooting, trapping, and poisoning in agricultural areas. Ted O'Neil, Chief of the Fur and Refuge Division, Louisiana Department of Wildlife and Fisheries (LDWF), believed that the problem could only be solved through the development of a market for nutria pelts. A market for nutria developed slowly during the early 1960's and by 1962 over 1 million pelts were being utilized annually in the German fur trade. The nutria became the backbone of the Louisiana fur industry for the next 20 years, surpassing the muskrat in 1962 in total numbers harvested. In 1965, the state legislature returned the nutria to the protected list. As fur prices showed a slow rise during most of the 1970's and early 1980's, the harvest averaged 1.5 million pelts and complaints from agricultural interest became uncommon. From 1971 through 1981 the average annual value of the nutria harvest to the coastal trappers was $8.1 million. The nutria harvest in Louisiana from 1962 until 1982 remained over 1 million annually. The harvest peaked in 1976 at 1.8 million pelts worth $15.7 million to coastal trappers (Figure 1).

The nutria market began to change during the early 1980's. In 1981-1982, the nutria harvest dropped slightly below 1 million. This declining harvest continued for two more seasons; then in

the 1984-1985 season, the harvest jumped back up to 1.2 million. During the 1980-1981 season, the average price paid for nutria was $8.19. During the 1981-1982 season, the price dropped to $4.36 and then in 1982-1983, the price dropped to $2.64. Between the 1983-1984 season and the 1986-1987 season, prices fluctuated between $3.00 and $4.00. Then in 1987-1988 and again in 1988-1989 prices continued to fall (Figure 1). From 1982 through 1992 the average annual value of the nutria harvest was only $2.2 million. Between 1988-1989 and 1995-1996 the number of nutria harvested annually remained below 300,000 and prices remained at or below a $3.00 average.

Due to a strong demand for nutria pelts in Russia in both 1996-1997 and in 1997-1998, 327,286 nutria were harvested at an average price of $4.13 and 359,232 nutria were harvested at an average price of $5.17 during those seasons respectively. In September 1998, the collapse of the Russian economy and general instability in the Far East economies weakened the demand for most wild furs including nutria. The demand for nutria pelts in Russia declined quickly due to the devaluation of the Russian ruble. During the 1998-1999 trapping season, pelt values fell to $2.69 and harvest decreased to only 114,646, less than one-third of the previous year. During the 1999-2000 trapping season there was virtually no demand for nutria pelts. The harvest decreased to 20,110 nutria. This was, by far, the lowest nutria harvest on record since the mid-1950s. The number of nutria harvested in 2000-2001 trapping season increased to 29,544. The value of nutria pelts decreased to $1.75 during the 2001-2002 season, prompting another decrease in harvest to 24,683 nutria.

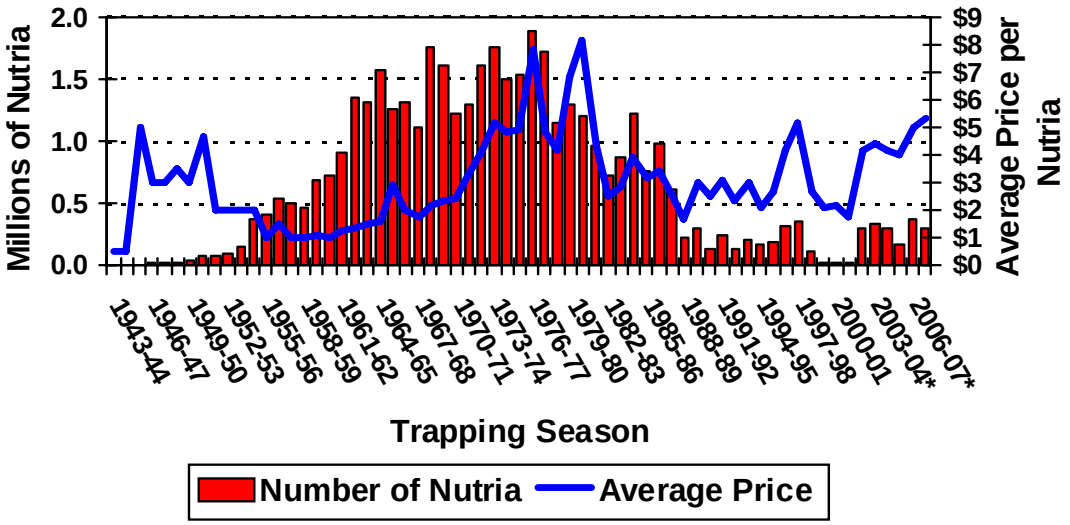


Figure 1

During the strong market period for nutria pelts, there were no reports of wetland damage caused by nutria. However, before the market developed and after the market declined, reports of marsh vegetation damage from land managers became common. Such complaints began in 1987 and became more frequent during the early 1990's. In response, the Fur and Refuge Division of the Louisiana Department of Wildlife and Fisheries (LDWF) initiated limited aerial survey flights, particularly in southeastern Louisiana. Survey flights of Barataria and Terrebonne basins were conducted during the 1990's, with initial support from Barataria-Terrebonne National Estuary Program (BTNEP) and later support from Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA). From 1993 to 1996 these flights showed acres of damage increasing from approximately 45,000 to 80,000 acres within the basins. The first CWPRA funded coast wide survey, conducted in 1998, showed herbivory damage areas totaling approximately 90,000 acres. By 1999 this coast wide damage had increased to nearly 105,000 acres.

This rapid and dramatic increase in damaged acres prompted LDWF to pursue funding for the Coastwide Nutria Control Program (CNCP) in January 2002.

The project is funded by the CWPPRA through the Natural Resources Conservation Service (NRCS) and the Louisiana Department of Natural Resources (LDNR) with the LDWF as the lead implementing agency. Task number 1 requires LDWF to conduct an annual aerial survey to evaluate the herbivory damage caused by nutria. Task number 2 of the LDNR and LDWF Interagency Agreement No. 2511-02-29 for the CNCP requires LDWF to conduct general project operation and administration. LDWF is required to 1) conduct and review the registration of participants in the CNCP; 2) establish collection stations across coastal Louisiana; 3) count valid nutria tails and present participants with a receipt/voucher; 4) deliver tails to an approved disposal facility and receive documentation that ensures the nutria will be properly disposed of and shall not leave the facility; and 5) process and maintain records regarding participants, number and location where tails were collected. Task 3 requires LDWF to provide incentive payments to program participants and task 4 requires LDWF to provide a report regarding the distribution of the harvest by township.

The program area is coastal Louisiana bounded to the north by Interstate-10 from the Texas state line to Baton Rouge, Interstate-12 from Baton Rouge to Slidell, and Interstate-10 from Slidell to the Mississippi state line. The project goal is to significantly reduce damage to coastal wetlands attributable to nutria herbivory by removing 400,000 nutria annually. This project goal is consistent with the Coast 2050 common strategy of controlling herbivory damage to wetlands. The method chosen for the program is an incentive payment to registered trappers/hunters for each nutria tail delivered to established collection centers. Initially, registered participants were given $4.00 per nutria tail. To encourage participation, the payment was increased to $5.00 per tail in the 2006-2007 season.

This section reports on the Nutria Harvest Distribution for 2007-2008.

Methods

The application for participation in the Coastwide Nutria Control Program (CNCP) was developed in July 2002 but was modified in June 2003 to obtain better information about the location of nutria harvest. It was made available through the LDWF offices and website, as well as LSU Cooperative Extension offices. In order for a participant to be qualified, the individual must complete the application, obtain written permission from a landowner or land manager with property in the program area, complete a W-9 tax form and provide LDWF with a complete legal description of the property to be hunted or trapped. A map outlining the property boundaries was an added requirement of participants beginning with the 2003-2004 season. Once an applicant was accepted, the participant was mailed information on the program's regulations, collection sites for nutria tails, contact information and a CNCP registration card.

Coastal Environments Inc. (CEI) was selected as the contractor to develop and maintain the program database, collect nutria tails, and distribute incentive payment checks to participants for tail harvests. The contract with CEI, which began with the 2002-2003 season, was extended to include the 2003-2004 through 2006-2007, with the option to renew for 3 years there after. CEI just finished their first renewal season (2007-2008), and the second is underway. Tail collection sites were originally established at Rockefeller Refuge, Abbeville, Berwick (Morgan City), Houma, Luling and Chalmette. This season (2007-2008), the Chalmette collection site was moved to Slidell. Collections were made once a week at each site, except for Rockefeller Refuge,

Abbeville and Slidell, where collections were made by appointment only, due to low numbers of participants in those areas.

Louisiana's open trapping season began on November 20, 2007, and nutria tail collections began a week later. Collections were made utilizing a 16 foot by 8 foot trailer containing a freezer, sorting table and desk. A participant reported to a collection site, presented his nutria control program registration card and presented his tails to a CEI representative. One CEI representative conducted an exact count of the nutria tails, which was then verified with the participant to ensure they were in agreement. At that time, the counted tails were placed into a plastic garbage bag labeled with the participant's CNCP registration number and the number of tails contained in that bag. Another CEI representative filled out a voucher for the number of tails delivered, checking to make sure the mailing address of the participant was correct. The participant was asked to provide the following information: 1) the method of taking the nutria, 2) the method in which the nutria carcass was used or abandoned, and 3) the month or months in which the nutria were harvested. When complete, the voucher was signed by the participant who would also indicate on a detailed map of their lease the location or locations where the nutria were harvested. The CEI representative recorded township and range of harvest, number of nutria harvested, and the transaction number on the map. One copy of the voucher was given to the participant, while one copy was retained by the CEI representative. The information on the voucher was entered into a laptop computer and transferred electronically to the CEI main offices via an FTP site for analysis and quality control. The data transfer occurred at the end of each collection day.

Collected tails were transported to the BFI waste storage facility in Sorrento, Louisiana, at the end of each collection day or multiple times a day if necessary. The CEI representative checked in at a guard station where the vehicle containing the tails was weighed. The vehicle was also weighed when exiting the disposal site in order to calculate the exact amount of waste deposited at the facility. The tails were deposited into a biohazard waste pit under supervision of a BFI employee. The number of bags disposed, as well as weight deposited, was recorded on a receipt given to the CEI representative. Copies of the receipts for all disposals made were supplied to LDWF.

At the end of the collection week, the maps were transported to CEI's office in Baton Rouge. At this time QA/QC of the data transferred for the entire week took place. The trapped/hunted areas that were outlined on the lease maps were digitized into Arc Map GIS 9.2. CEI sent a weekly report to LDWF detailing each transaction, including a digitized map of that week's trapped/hunted areas. Each Monday morning, after receiving a weekly report and bill, LDWF sent a payment to CEI for the amount of tails collected and services rendered. CEI in turn sent participants checks through the mail for the amount of tails turned in. Louisiana's open trapping season ended on March 31, 2008, and nutria tail collections continued for one week into April. After the conclusion of the season, CEI provided LDWF with all the transaction information for the entire season from November to March. This final report contains information recorded on the vouchers, the digitized trapped/hunted area, the nutria control program database and an Arc Map 9.2 project map with related information.

Results and Discussion

Participant Totals

A total of 308,212 nutria tails, worth $1,591,060 in incentive payments, were collected from 347 participants in the 2007-2008 season. Approximately one third of these participants turned in 800 or more tails (Figure 2.)

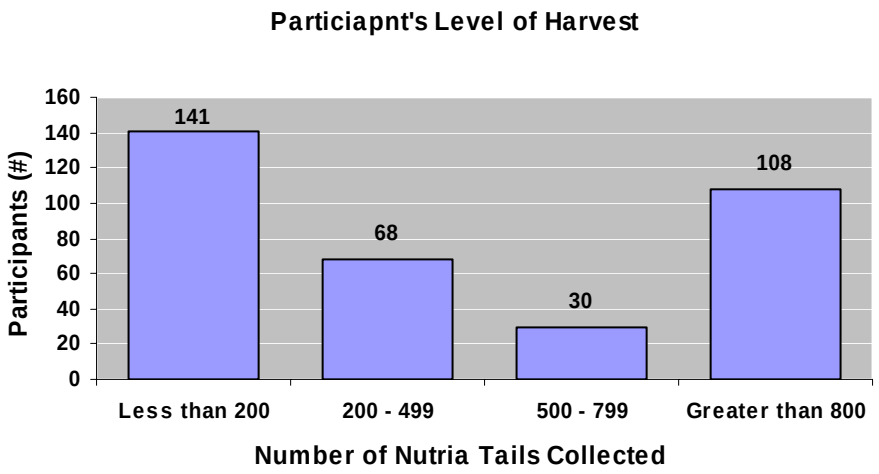


Figure 2

Harvest by Month

The 2007-2008 trapping season began November 20th, 2007 and continued through March 31st, 2008. One hundred one thousand, eight hundred and twenty four (101,824) tails were collected in the month of February making it the most active month of the season (Figure 3.)

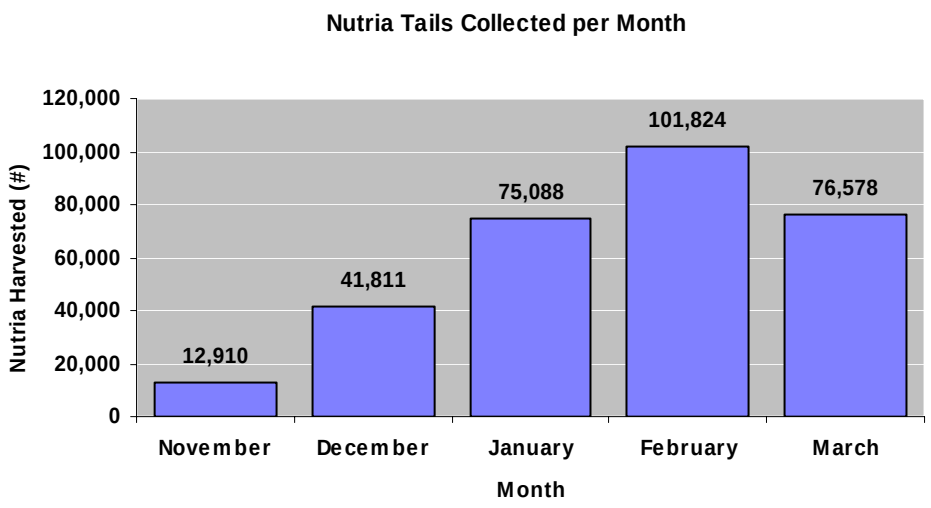


Figure 3

Harvest by Marsh Type

Harvest data were classified by marsh type, which includes: fresh marsh, intermediate marsh, brackish marsh, salt marsh and other. The category "other" includes swamp, mixed forest, open water and agriculture land types.

In the 2007-2008 season, 42% of the nutria harvested fell into the "Fresh Marsh" category, followed by 34% being harvested from the "Other" (Figure 4.).

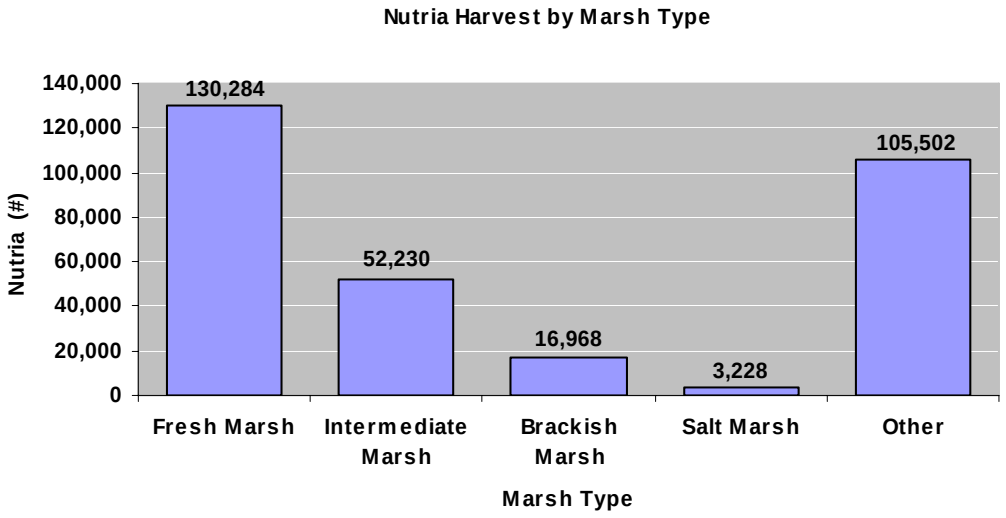


Figure 4

Method of Take

During collection transactions, program participants indicated their method of take: trapped, shot with rifle, or shot with shotgun.

The predominant method used in the 2007-2008 season was shooting with a rifle (Figure 5.)

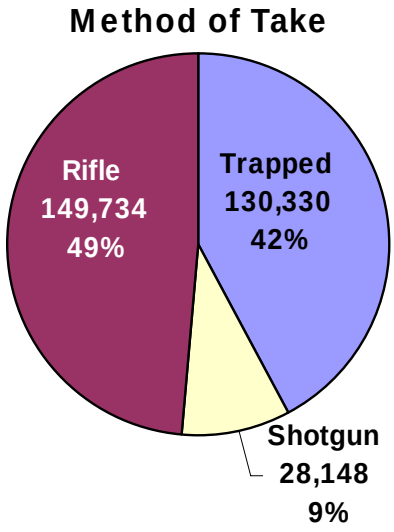


Figure 5

While shooting with a rifle was the most popular method of taking nutria in fresh marsh, trapping was the most utilized method in brackish and intermediate marshes (Figure 6.)

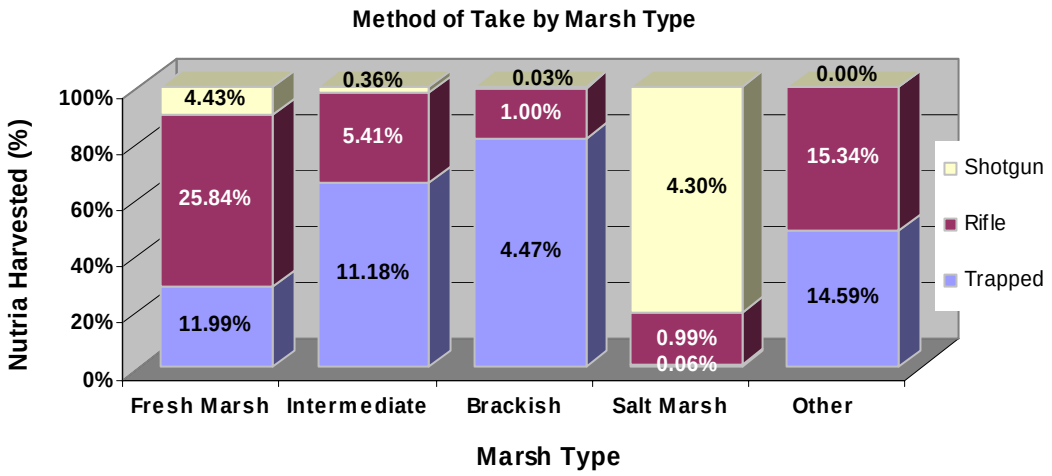


Figure 6

Carcass Use

Use of nutria carcasses, was recorded for each participant transaction. For the purpose of this survey, use categories include: 1) harvested for meat and/or 2) harvested for fur (Table 1.)

MARSH TYPE	Fur	Meat	Abandon Buried	Abandon Vegetation	Abandon Water
Fresh	2,391	3,084	88,640	33,543	4,704
Intermediate	30,043	27,514	14,366	2,297	5,466
Brackish	6,489	6,635	9,580	603	150
Salt	8	8	3,154	66	0
Other	1,332	1,713	81,578	20,685	1,125
Total	40,262	38,954	197,319	57,193	11,446

Table 1

Overall, almost 26% of the nutria harvested was utilized for meat and/or fur. This is a little more than three times the utilization last season. The remaining 74% were disposed of by approved methods, categories include: 1) buried carcasses, 2) placed in heavy overhead vegetation, or 3) placed in water (Table 1.)

All interested participants were supplied a fur buyer/fur dealer list to encourage the use of animals for the fur and meat, and interested fur buyers/dealers were supplied with a list of program participants. During the 2007-2008 season, a representative from Perry Furs was present at a few of the tail collection sites. This made selling the animal for fur more convenient, thus increasing sale of hides.

Harvest by Parish

Twenty one parishes were represented in the 2007-2008 season of the Coastwide Nutria Control Program, with nutria harvests ranging from 19 to 78,934. Terrebonne Parish reported the highest number of tails with 78,934 followed by St. Martin and Plaquemines Parish with 54,726 and 41,072 respectively (Figure 7).

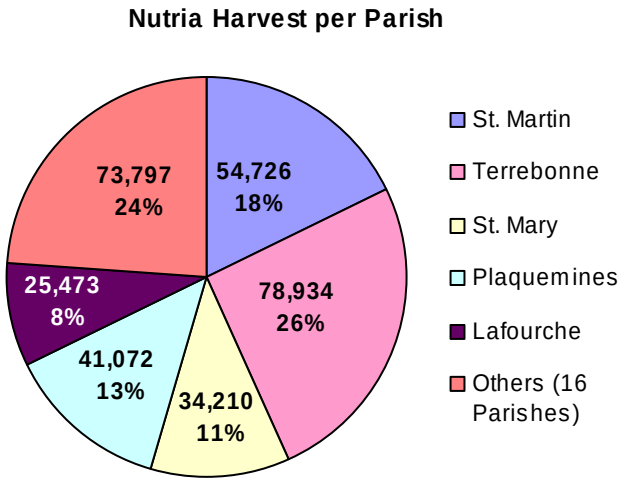


Figure 7

Harvest by Damage Site

In the 2007 Vegetative Damage Survey, there were 50 damage sites. Twenty one of those sites completely recovered and one of them converted to open water. These sites were not re-evaluated in the 2008 survey. The remaining 38 damage sites from the 2007 damage survey were overlaid onto a map of the 2007-2008 harvest areas in order to determine which damaged sites were hunted/trapped and which sites received no hunting/trapping.

There were 10 damage sites that had some level of hunting or trapping activity. Appendix B contains the 2007 damage sites along with the amount of nutria that were harvested in 2007-2008 from, or near, each site. Nutria were classified as being harvested from or near a damage site, if they were harvested from an area which overlapped a damage site polygon.

Section 2

A SURVEY OF NUTRIA HERBIVORY DAMAGE IN COASTAL LOUISIANA IN 2008

Introduction

Herbivory damage was noticed in the late 1980s by landowners and land managers when the price of fur dropped and the harvest of nutria all but ceased. The LDWF was contacted to investigate the problem. The first region wide aerial survey became possible because of the interest and concern of many state and federal agencies, coastal land companies and, in particular, funding provided by BTNEP. The objectives of the aerial survey were to: (1) determine the distribution of damage along the transect lines as an index of region wide damage, (2) determine the severity of damage as classified according to a vegetative damage rating, (3) determine the abundance of nutria by the nutria relative abundance rating (4) determine the species of vegetation being impacted and (5) determine the status of recovery of selected damaged areas (Linscombe and Kinler 1997).

Helicopter surveys were flown in May and December 1993 and again in March and April 1996 across the Barataria and Terrebonne Basins. During the December 1993 survey, 90 damaged sites were observed with more than 15,000 acres of marsh impacted along the transects and an estimated 60,000 acres across the study area. In 1996, a total of 157 sites were observed. The damage observed along the transect lines increased to 20,642 acres, and an extrapolated acreage of 77,408 acres across the study area. (The extrapolated coast wide estimate is derived by multiplying the observed acres by 3.75 to account for area not visible from the transect lines.) All of the 1993 sites were evaluated again in 1996, but only 9% showed any recovery. Clearly, the trend identified was a continued increase in both the number of sites and the extent of nutria damage in the Barataria and Terrebonne Basins.

In 1998, the first coast wide nutria herbivory survey was flown, as part of the Nutria Harvest and Wetland Demonstration Program (LA-03a). A total of 23,960 acres of damaged wetlands were located at 170 sites along the survey transects, with an extrapolated coast wide estimate of 89,850 acres. In 1999, the damage increased to 27,356 acres located at 150 sites, with an extrapolated coast wide estimate of 102,585 acres. In 2000, the damage slightly decreased to 25,939 acres located at 132 sites, with an extrapolated coast wide estimate of 97,271 acres. In 2001, the damage decreased to 22,139 acres located at 124 sites, with an extrapolated coast wide estimate of 83,021 acres. In the 2002 survey, the first survey funded as part of the CNCP and the survey which preceded implementation of the CNCP incentive payments, the damage decreased again, but only slightly to 21,185 acres located at 94 sites, with an extrapolated coast wide estimate of 79,444 acres. During the 2003 survey, a total of 84 sites had some level of vegetative damage and covered a total of 21,888 acres, with an extrapolated coast wide estimate of 82,080 acres. In summary, the coast wide estimates of nutria herbivory damage prior to implementation of the CNCP incentive payments (from 1998 to 2003) ranged from 79,444 to 102,585 acres.

Vegetative damage caused by nutria has been documented in at least 11 Coastal Wetlands Planning Protection and Restoration Act (CWPPRA) project sites in the Barataria and Terrebonne Basins.

Nutria herbivory is only one of many factors causing wetlands loss, but the additional stress placed on the plants by nutria herbivory may be very significant in CWPPRA projects sites and throughout coastal Louisiana. The previous extrapolated estimates of 79,444 to 102,585 acres of marsh damaged was conservative because only the worst sites (most obvious) can be detected from aerial surveys; the actual number of acres being impacted was certainly higher. When vegetation is removed from the surface of the marsh, as a result of over grazing by nutria, the very fragile organic soils are exposed to erosion through tidal action and/or storms. If damaged areas do not revegetate quickly, they may become open water as tidal scour removes soil and thus lowers elevation. This is evident as the damaged sites that converted to open water over the last five years have been in the intermediate and brackish marsh types. Frequently the plant's root systems are also damaged, making recovery through vegetative regeneration very slow.

In an effort to create an incentive for trappers and hunters, the CNCP was implemented. Task number 1 of the LDNR and LDWF Interagency Agreement No. 2511-02-29 for the CNCP requires LDWF to conduct annual coast wide aerial surveys during spring/summer to document the current year impact of nutria herbivory. Survey techniques followed Linscombe and Kinler (1997), and CNCP funded surveys have be conducted in the spring of 2003, 2004, 2005, 2006 and 2007. Results were analyzed and the numbers of acres impacted or recovered were determined.

This section reports on the 2008 Coastwide Nutria Herbivory Survey.

Methods

A coast wide nutria herbivory survey was conducted April 7th- 11th and April 14th-18th. North-South transects were flown throughout the fresh, intermediate and brackish marshes of coastal Louisiana. A total of 155 transects (covering 2,354.7 miles) were surveyed for damage; the transects were spaced approximately 1.8 miles apart, starting at the swamp-marsh interface and continuing south to the beginning of the salt marsh. Due to low nutria population density, salt marsh habitat was not included in the survey. Depending upon visibility and vegetative conditions, an altitude of 300-400 feet was considered optimum. At this altitude, vegetative damage was identifiable and allowed for a survey transect width of about 1/4 mile on each side of the helicopter. Flight speed was approximately 60 mph. Two observers were used to conduct the survey, each positioned on opposite sides of the helicopter. In addition to locating vegetative damage, one observer navigated along the transect and the other observer recorded all pertinent data.

When vegetative damage was identified, the following information was recorded

1) Location of each site was determined by recording latitude and longitude utilizing GPS equipment. A real time differential corrected (WAAS Enabled) GPS (Garmin GPSmap 296) was utilized to allow for accurate location of damaged sites. The software used was DNRGarmin (written by Minnesota DNR) operating in ArcView 9.2. The size of each damage site was recorded by logging polygons using stream digitizing with the GPS equipment.

2) The abundance of nutria sign was placed in one of the following nutria relative abundance rating (NRAR) categories: **no nutria sign visible (0)**, **nutria sign visible (1)**, **abundant feeding (2)**, **heavy feeding (3)**.

3) The extent of damage to the vegetation was placed in one of the following vegetative damage rating categories: **no vegetative damage (0)**; **minor vegetative damage (1)** which is defined as a

site containing feeding holes, thinning vegetation and some visible soil; **moderate vegetative damage (2)** which is defined as a site that has large areas of exposed soil and covers less than 50% of the site; **severe vegetative damage (3)** which is defined as a site that has more than 50% of the soil exposed; or **converted to open water (4)**.

4) The dominant plant species were identified and recorded for damaged areas, recovering areas and in the adjacent areas.

5) The age of damage and condition is determined by considering feeding activity and vegetation condition. The age of damage and condition was placed in one of the following categories: **recovered (0), old recovering (1), old not recovering (2), recent recovering (3), recent not recovering (4) or current (occurring now)(5)**.

6) The prediction of vegetative recovery is made considering feeding activity, age of damage and the extent of damage. The prediction of vegetative recovery by the end of 2008 was characterized by one of the following categories: **no recovery (0), full recovery (1), partial recovery (2) or increased damage (3)**.

7) The number of nutria observed at each site was recorded.

In addition to searching for new damaged sites, all previously identified damaged sites were revisited to assess extent and duration of damage or to characterize recovery. All data were entered into a computer for compilation. Damaged site locations are provided on the attached herbivory map and a data summary in Appendix B.

Results and Discussion

There were 33 sites included in the 2008 vegetative damage survey, 28 previously classified as damage sites in the 2007 survey and 5 new sites. Seven of the damage sites from 2007 have completely recovered. One site has acres converted to open water as well as damaged acres. The remaining 26 sites are classified as damage sites and broken into 4 categories (Figure 8.)

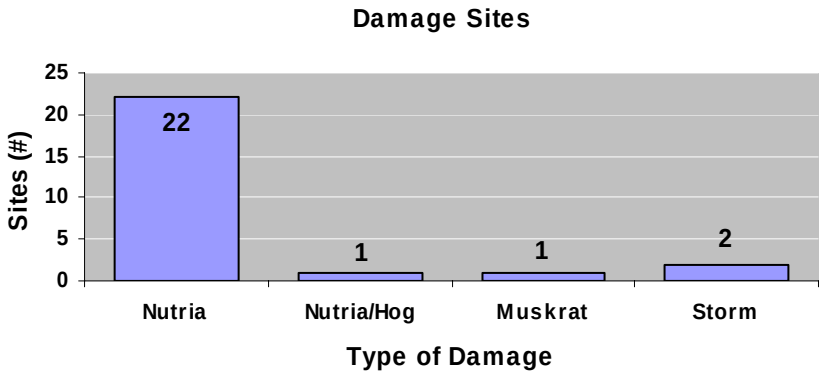


Figure 8

Nutria Damage

The following discussion details the 23 sites that had nutria, or nutria/hog damage (Appendix A).

A total of 6,171 acres along transects (extrapolated to be 23,141 acres coast wide) in 2008, were impacted by nutria feeding activity. This represents approximately a 31% decrease in acres impacted by nutria in 2007 (9,244 acres, extrapolated 34,665 acres coast wide.)

Damage by Parish

Terrebonne parish experienced more than half of the damaged acres in 2007 (Figure 9.).

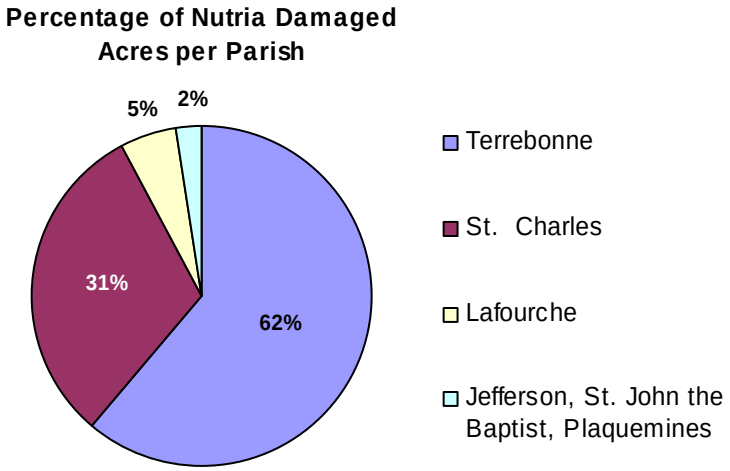


Figure 9

Damage by Marsh Type

Marsh type was recorded for each damage site, as well as the type of vegetation based on the Linscombe and Chabreck 2001 survey (Figure 10.)

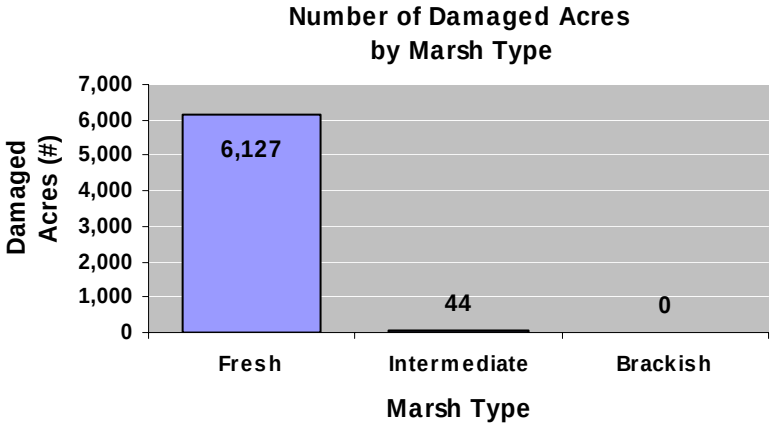


Figure 20

Fresh marsh continued to be the most affected by nutria herbivory (96%).

The typical vegetation impacted in fresh marsh was *Eleocharis* spp. and *Hydrocotyle* spp., while *Schoenoplectus americanus* (formerly *Scirpus olneyi*) and *Eleocharis* spp. were commonly impacted species in intermediate and brackish marshes.

Nutria Relative Abundance Rating

A nutria relative abundance rating (NRAR) was used to quantify the abundance of nutria at each site. Categories include: (0) no nutria sign visible, (1) nutria sign visible, (2) abundant feeding sign, and (3) heavy feeding sign; sites converted to open water are not given a NRAR (Figure 11.)

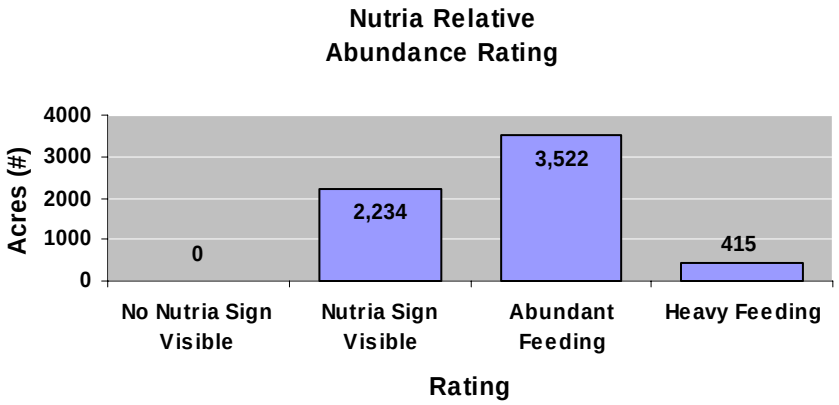


Figure 11

Vegetative Damage Rating

Vegetative damage was also evaluated at each site. A rating system was developed in order to quantify nutria vegetative damage. The vegetative damage rating (VDR) has five categories: (0) no vegetative damage, (1) minor vegetative damage, (2) moderate vegetative damage, (3) severe vegetative damage, (4) converted to open water (Figure 12.)

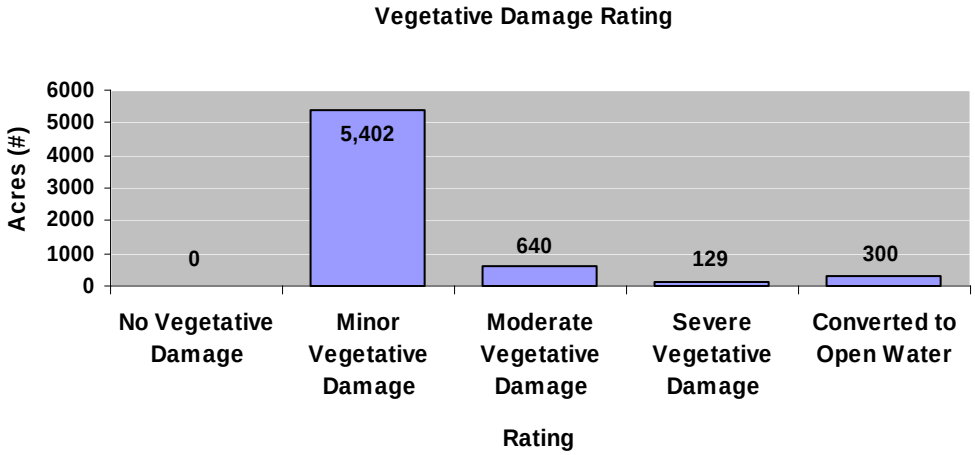


Figure 12

There were no sites that had completely converted to open water in 2008. The observed 300 acres represent one partial site (# 94) that still has some nutria damage. This site was also under high water at the time of the survey. Refer to table 7 for seasonal comparisons.

Age of Damage Rating

Categories for the age of damage and condition rating include: (1) current damage, (2) recent damage-recovering, (3) recent damage not recovering, (4) old damage-recovering, (5) old damage-not recovering, and (0) recovered (Figure 13.)

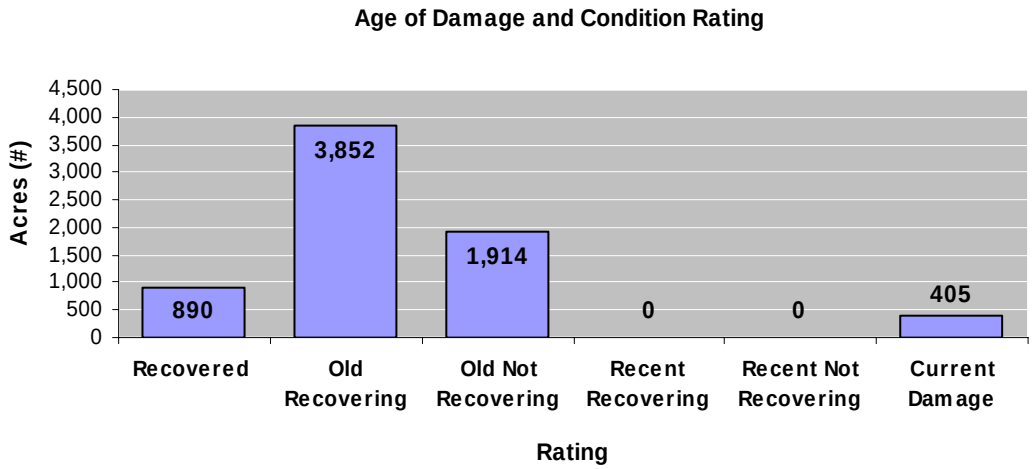


Figure 13

Prediction of Recovery

For each site with current damage, the degree of recovery by the end of the 2008 growing season was predicted. These categories include: (1) full recovery, (2) partial recovery, (3) increased damage and (4) no recovery predicated (Figure 14.)

All of the 23 nutria damage sites are predicted to have some level of recovery by the end of the 2008 growing season.

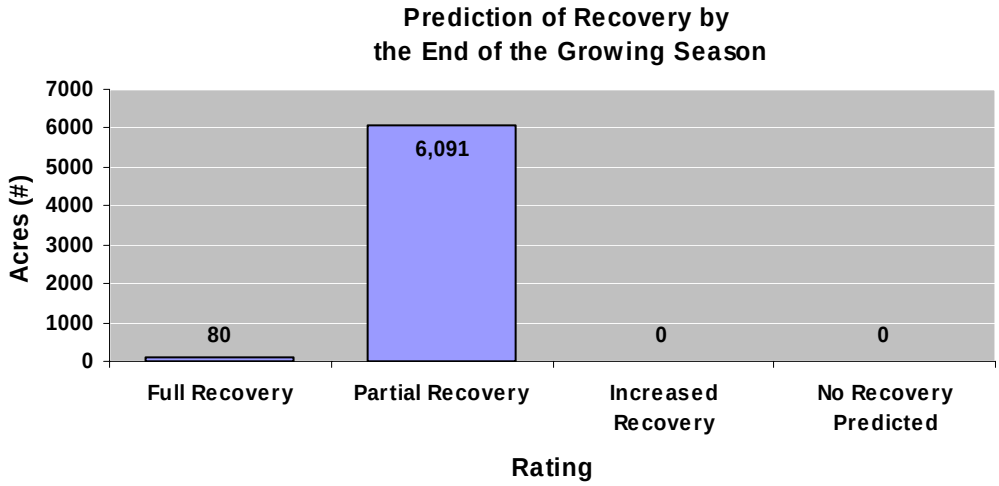


Figure 14

Muskrat Damage

During the 2008 survey, five muskrat damage sites of various classifications from 2007 were re-evaluated and one new site was added.

Site #	Damage Type in 2007	Damage Type in 2008/ Condition
392	Muskrat/Nutria	Recovered
349	Muskrat/Storm	Partially Recovered; Partially converted to open water
410	Muskrat/Storm	Storm (no muskrat visible)
408	Muskrat/Storm	Storm (no muskrat visible)
92	Muskrat/Nutria	Nutria
422	N/A	New Muskrat Site

Table 2

Conclusions

The 2008 vegetative damage survey yielded a total of 6,171 acres of nutria damage along transect lines. This figure, when extrapolated, demonstrates that 23,141 acres were impacted coast wide at the time of survey. When compared to 2007 (9,244 acres or 34,665 acres extrapolated coast wide), there was a 31% decrease in the number of damaged acres.

Due to the distance between survey lines, all areas impacted by nutria herbivory could not be identified. Additionally, there were survey miles where nutria activity was observed but marsh conditions did not warrant a damage classification. Again, only the most obvious impacted areas were detected so the total impact of nutria was probably underestimated, however the trend in both decreasing damage acreage and increased marsh recovery are significant.

It should also be noted that during the current vegetative damage survey, several areas of feral hog damage were observed. In many instances the hogs were found in areas that were recovering nutria damage sites. For example, site number 238 that has been a recovering nutria damage site since 2004 has now been invaded by hogs. This is a problem that LDWF has documented and will continue to monitor.

Section 3

CNCP: Summary of Results (2002-2008) and Adaptive Management

Since the beginning of the Coastwide Nutria Control Program, the number of nutria damaged sites observed by aerial surveys has continued to decline (Figure 15.)

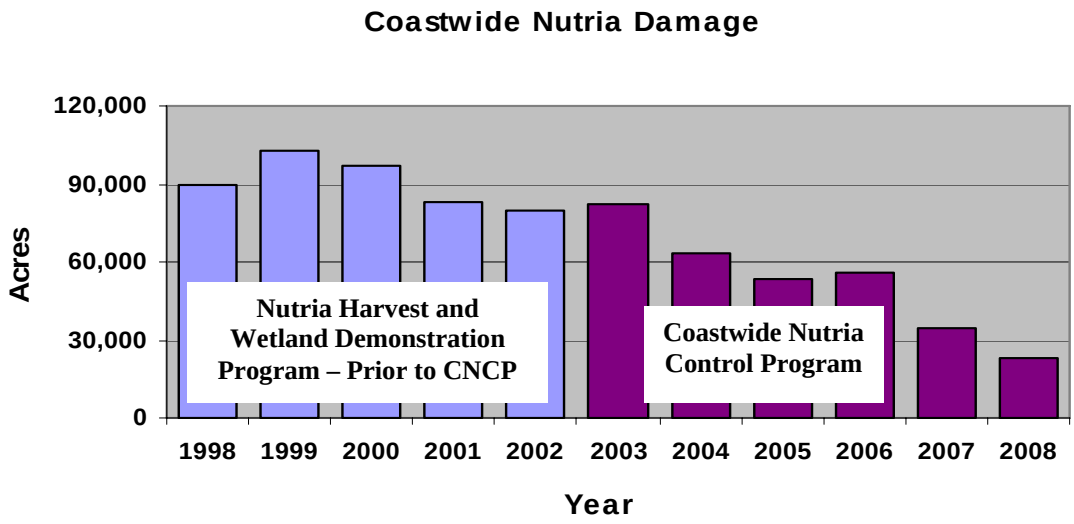


Figure 15

Three years prior to implementation of CNCP incentive payments.

	Nutria Harvested		Herbivory Damage (acres)
1999-2000	20,110	**2000**	97,271
2000-2001	29,544	**2001**	83,021
2001-2002	24,683	**2002**	79,444

Table 3

First 6 years of CNCP incentive payment implementation.

	Nutria Harvested		Herbivory Damage (acres)
2002-2003	308,160	**2003**	82,080
2003-2004	332,396	**2004**	63,398
2004-2005	297,535	**2005**	53,475
2005-2006	168,843	**2006**	55,755
2006-2007	375,683	**2007**	34,665
2007-2008	308,212	**2008**	23,141

Table 4

The CNCP is a successful program. To date, nutria harvest in coastal Louisiana has increased to an average of 298,472 animals per year, and the number of damage acres continues to decrease. In addition, there has been continued success with tracking nutria harvest at the lease level. Trappers are more accurately reporting their takes, therefore allowing a more accurate measure of hunting/trapping pressure.

It is important to have the flexibility of adaptive management. This season a few changes were important. 1.) Collections in Abbeville were by appointment only due to a consistently low turn-out, and 2.) The Chalmette collection site was relocated to Slidell. The incentive payment remained $5.00 per nutria tail and participation, although a little lower than last season, was high (347 active participants).

As in the past, CNCP applications will be sent to all participants who submitted applications over the last two years. LDWF will also continue the coordination with trappers and fur buyers/dealers to encourage the maximum use of the entire animal, and landowners will be encouraged to trap/hunt the existing damage sites.

Appendix A.
A Comparison of Seasons 1-6
(2002-2008)

PARISH	2002-2003		2003-2004		2004-2005		2005-2006		2006-2007		2007-2008	
	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage
Ascension	2,710	0.90%	5,474	1.60%	1,858	0.60%	1,678	1.00%	2,226	0.59%	1,957	0.63%
Assumption	3,128	1.00%	814	0.20%	428	0.10%	2,307	1.40%	2,095	0.56%	3,863	1.25%
Calcasieu	143	-	374	0.10%	448	0.20%	58	0.00%	19	0.01%	19	0.01%
Cameron	7,851	2.60%	8,701	2.60%	16,617	5.60%	3,744	2.20%	1,725	0.46%	649	0.21%
Iberia	1,412	0.50%	1,960	0.60%	3,521	1.20%	3,014	1.80%	18,910	5.03%	6,119	1.99%
Iberville	0	-	1,567	0.50%	5,559	1.90%	2,360	1.40%	9,172	2.44%	2,105	0.68%
Jefferson	20,529	6.70%	24,896	7.50%	11,036	3.70%	2,875	1.70%	10,405	2.77%	11,299	3.67%
Jefferson Davis	121	-	85	-	175	0.10%	110	0.10%	0	0.00%	0	0.00%
Lafayette	39	-	25	-	10	0.00%	0	-	0	0.00%	0	0.00%
Lafourche	28,852	9.40%	51,736	15.60%	32,411	10.90%	24,668	14.60%	28,038	7.46%	25,473	8.26%
Livingston	2,631	0.90%	357	0.10%	911	0.30%	1,921	1.10%	1,250	0.33%	695	0.23%
Orleans	597	0.20%	0	-	538	0.20%	0	-	575	0.15%	1,333	0.43
Plaquemines	63,208	20.50%	86,720	26.10%	39,043	13.10%	1,816	1.10%	5,815	1.55%	41,072	13.33%
St. Bernard	5,769	1.80%	13,344	4.00%	4,344	1.50%	0	-	291	0.08%	4,150	1.35%
St. Charles	11,169	3.60%	12,672	3.80%	15,867	5.30%	13,807	8.20%	18,690	4.97%	18,271	5.93%
St. James	95	-	487	0.20%	2,841	1.00%	4,912	2.90%	7,111	1.89%	9,604	3.12%
St. John the Baptist	18,450	6.00%	6,137	1.80%	8,404	2.80%	6,384	3.80%	15,786	4.20%	6,728	2.18%
St. Martin	11,425	3.70%	15,039	4.50%	31,656	10.60%	15,903	9.40%	113,629	30.25%	54,726	17.76%
St. Mary	26,004	8.40%	16,277	4.90%	20,940	7.00%	21,023	12.50%	34,693	9.23%	34,210	11.10%
St. Tammany	4,638	1.50%	3,756	1.10%	5,175	1.70%	1,423	0.80%	2,067	0.55%	4,356	1.41%
Tangipahoa	1,245	0.40%	745	0.20%	565	0.20%	826	0.50%	1,843	0.49%	2,323	0.75%
Terrebonne	92,831	30.10%	72,846	21.90%	81,135	27.30%	57,756	34.20%	99,433	26.47%	78,934	25.61%
Vermilion	5,313	1.70%	8,584	2.60%	14,503	4.70%	2,258	1.30%	1,813	0.48%	326	0.11%
West Baton Rouge	-	-	-	-	-	-	-	-	97	0.03%	0	0.00%
Total	308,160	99.90%	332,596	99.90%	297,535	100.00%	168,843	100.00%	375,683	100.00%	308,212	100.00%

Table 5. Nutria harvested by parish seasons 1-6, Coastwide Nutria Control Program.

PARISH	2002-2003			2003-2004			2004-2005			2005-2006		
	Trap	**Rifle**	**Shot Gun**	**Trap**	**Rifle**	**Shot Gun**	**Trap**	**Rifle**	**Shot Gun**	**Trap**	**Rifle**	**Shot Gun**
Ascension	0	2,306	404	0	4,093	1,381	100	1,678	80	470	908	300
Assumption	284	2,786	58	47	767	0	188	106	134	1,454	711	143
Calcasieu	0	143	0	0	374	0	213	24	212	57	1	0
Cameron	3,611	4,210	30	4,974	3,639	89	5,779	8,961	1,877	1,362	583	1,799
Iberia	0	1,353	59	636	1,324	0	1,286	1,310	926	1,215	449	1,350
Iberville	0	0	0	717	850	0	4,348	1,211	0	1,156	622	582
Jefferson	5,869	14,094	566	12,991	11,835	70	6,286	4,307	443	2,234	477	164
Jefferson Davis	121	0	0	85	0	0	158	18	0	109	1	0
Lafayette	19	10	10	0	25	0	0	10	0	0	0	0
Lafourche	11,807	16,826	219	28,516	22,780	440	12,221	18,212	1,977	9,113	11,000	4,555
Livingston	0	2,631	0	0	336	21	0	911	0	0	1,921	0
Orleans	287	219	91	0	0	0	538	0	0	0	0	0
Plaquemines	9,899	52,933	376	34,683	51,302	735	18,121	20,642	280	343	843	630
St. Bernard	2,877	2,892	0	5,412	7,783	149	727	3,617	0	0	0	0
St. Charles	2,099	8,706	364	2,801	9,543	329	1,279	13,958	631	1,863	10,915	1,029
St. James	48	47	0	97	350	40	32	2,752	57	278	4,239	395
St. John the Baptist	1,505	11,132	5,813	2,517	2,200	1,420	2,971	4,788	645	2,165	3,488	538
St. Martin	1,497	9,593	335	5,784	8,790	465	10,684	9,703	11,269	4,137	5,355	6,412
St. Mary	11,073	14,849	82	6,616	9,619	42	9,700	10,798	442	9,266	11,202	554
St. Tammany	3,088	1,529	21	2,687	1,069	0	2,692	2,483	0	533	800	90
Tangipahoa	335	894	16	577	169	0	35	530	0	142	638	46
Terrebonne	46,761	45,317	753	44,419	26,335	2,092	31,730	45,893	3,512	28,132	25,577	4,047
Vermilion	2,370	2,729	214	5,119	3,435	30	5,580	7,900	572	1,076	1,182	0
West Baton Rouge	0	0	0	0	0	0	0	0	0	0	0	0
***Total**	103,550	195,199	9,411	158,678	166,618	7,303	114,668	159,810	23,057	65,105	80,912	22,634

Table 6. Method of take by parish for seasons 1-6, Coastwide Nutria Control Program

* Totals may not be exact due to reporting of percentages.

PARISH	2006-2007			2007-2008		
	Trap	Rifle	Shot Gun	Trap	Rifle	Shot gun
Ascension	0	2,008	218	0	1,905	52
Assumption	354	686	1,056	634	2,944	285
Calcasieu	19	0	0	19	0	0
Cameron	347	902	477	509	70	70
Iberia	6,695	4,635	7,580	3,623	1,248	1,247
Iberville	4,907	460	3,860	754	508	843
Jefferson	4,731	5,568	106	3,901	6,456	943
Jefferson Davis	0	0	0	0	0	0
Lafayette	0	0	0	0	0	0
Lafourche	12,279	11,480	4,279	9,702	11,425	4,345
Livingston	0	1,250	0	0	695	0
Orleans	575	0	0	1,333	0	0
Plaquemines	3,200	2,554	61	30,093	10,609	0
St. Bernard	146	146	0	4,071	79	370
St. Charles	6,637	9,401	2,652	3,607	13,366	1,298
St. James	203	6,439	469	425	9,128	51
St. John the Baptist	4,223	9,215	2,348	2,323	3,834	572
St. Martin	39,972	35,737	37,920	27,937	17,123	9,666
St. Mary	12,810	19,997	1,886	10,783	21,304	2,123
St. Tammany	1,452	529	86	1,736	2,216	404
Tangipahoa	542	1,189	113	563	1,760	0
Terrebonne	36,867	51,357	11,209	28,055	45,000	5,879
Vermilion	1,174	494	145	262	65	0
West Baton Rouge	0	97	0	0	0	0
***Total**	137,133	164,144	74,465	130,330	149,734	28,148

Table 6. (continued) Method of take by parish for seasons 1-6, Coastwide Nutria Control Program

* Totals may not be exact due to reporting of percentages.

Year	Number of sites surveyed	Number of sites with current damage	Number of site converted to open water	Sites with vegetative recovery
2002	108[1]	86	8	12
2003	100	81	3	16
2004	93	68	1	24
2005	78	47	2	29
2006	52	31	9	12
2007	34	23	3 (partial sites)	11[2]
2008	23	16	1 (partial site)	6

Table 7. Status and number of nutria herbivory sites surveyed from 2002 to 2008.

[1] Two sites could not be evaluated due to high water.

[2] Total includes 1 site with partial recovery.

PARISH	2002		2003		2004		2005		2006		2007		2008	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Terrebonne	41	12,951	34	12,521	27	7,679	14	7,340	18	4,541	12	5,915	12	3,768
Lafourche	8	1,222	7	610	5	381	0	0	2	127	2	328	2	338
Jefferson	17	3,003	10	1,805	9	1,718	5	874	7	1,383	3	177[3]	2	69
Plaquemines	10	882	13	2,540	7	2,494	7	1,763	7	1,850	0	0	1	11
St. Charles	6	768	6	1,266	9	2,564	5	3,249	6	4,690	4	2,216	5[3]	2,215[3]
Cameron	0	0	0	0	0	0	1	233	0	0	1	167	0	0
St. Bernard	6	921	5	918	5	1,035	4	1,004	4	882	1	225[3]	0	0
St. John	0	0	1	20	2	111	2	241	2	240	0	0	0	0
Iberia	0	0	0	0	0	0	0	0	1	158	0	0	0	0
St. Tammany	4	752	2	360	0	0	0	0	0	0	0	0	0	0
Orleans	2	686	2	962	0	0	0	0	0	0	0	0	0	0
St. Mary	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermilion	0	0	4	886	5	924	1	76	2	389	0	0	0	0
Jefferson Davis	0	0	0	0	0	0	1	88	0	0	1	81	0	0
St. John the Baptist	0	0	0	0	0	0	0	0	0	0	1	135	1	70
Total	94	21,185[1]	84	21,888[1]	69	16,906[1]	40	14,868[1,2]	49	14,260[1]	25	9,244[1,3]	23	6,471[1,3]

Table 8. Number of nutria damaged sites and acres damaged along transects by parish in coastal Louisiana, 2002 - 2008.

[1]This figure represents acres damaged along transects only. Actual damage coast wide is approximately 3.75 times larger than the area estimated by this survey.

[2]This figure includes 2,553 acres of marsh previously impacted by nutria that was likely converted to open water in Plaquemines and St. Bernard Parishes due to tidal scour from Hurricane Katrina.

[3]These figures include acres from sites that were partially converted to open water.

MARSH TYPE	2002		2003		2004		2005		2006		2007		2008	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Fresh	41	11,593	36	10,871	37	10,565	26	9,811	23	11,273	21	8,842	21	6,127
Intermediate	39	7,416	31	8,086	25	5,128	19	3,789	16	3,421	3	298	2	44
Brackish	14	2,176	17	2,931	7	1,213	4	660	1	174	1	104	0	0
Total	94	21,185	84	21,888	69	16,906	49	14,260	40	14,868	25[1]	9,244[1]	23	6,471[1]

Table 9. Number of nutria damaged sites and acres damaged, by marsh type along transects in coastal Louisiana during 2002 to 2008; number includes sites converted to open water.

[1] Total includes sites that were partially converted to open water.

NUTRIA RELATIVE ABUNDANCE RATING	2002		2003		2004		2005		2006		2007		2008	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
NO NUTRIA SIGN VISIBLE	21	5,990	23	5,972	13	3,569	2	73	4	519	2	73	0	0
NUTRIA SIGN VISIBLE	31	4,379	26	3,562	29	6,040	12	3,402	26	11,223	12	3,402	13	2,234
ABUNDANT FEEDING	17	4,198	19	6,682	19	5,251	5	1,495	1	573	5	1,495	8	3,522
HEAVY FEEDING	17	5,568	14	5,599	7	2,026	4	3,658	0	0	4	3,658	2	415
TOTAL	86	20,135	81	21,815	69	16,886	23	8,628	31	12,315	23	8,628	23	6,171

Table 10. Number of nutria damage sites and acres damaged by revised nutria relative abundance rating in coastal Louisiana during 2002 to 2008; numbers do not include sites converted to open water.

VEGETATIVE DAMAGE RATING	2002		2003		2004		2005		2006		2007		2008	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
NO VEGETATIVE DAMAGE	1	30	0	0	0	0	0	0	0	0	0	0	0	0
MINOR VEGETATIVE DAMAGE	28	3,498	26	8,732	35	6,675	34	8,070	21	7,621	17	4,021	17	5,402
MODERATE VEGETATIVE DAMAGE	44	13,156	41	9,221	29	9,536	12	5,905	9	4,581	6	4,607	5	640
SEVERE VEGETATIVE DAMAGE	13	3,451	14	3,862	4	675	1	151	1	113	0	0	1	129
CONVERTED TO OPEN WATER	8	1,050	3	73	1	20	2	134	9	2,553	3[1]	616[1]	1[1]	300
TOTAL	94	21,185	84	21,888	69	16,906	49	14,260	40	14,868	26[1]	9,244[1]	24[1]	6,471[1]

Table 11. Number of nutria damage sites and number of acres by the vegetative damage rating in coastal Louisiana 2002 to 2008.

[1] Total includes sites that were partially converted to open water.

AGE OF DAMAGE AND CONDITON RATING	2002		2003		2004		2005		2006		2007		2008	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Recovered	12	1,119	16	1,674	24	6,049	29	4,169	13[1]	1,341[1]	11[1]	1,783[1]	6	736
Old Recovering	51	7,694	51	14,382	53	12,338	39	10,878	21	9,429	14	5,011	15	3,852
Old Not Recovering	31	11,449	17	5,375	5	2,898	2	656	4	1,519	5	2,874	3	1,914
Recent Recovering	0	0	0	0	1	35	1	10	0	0	0	0	0	0
Recent Not Recovering	0	0	0	0	0	0	0	0	1	285	0	0	0	0
Current Damage	4	992	13	2,058	9	1,615	5	2,582	5	1,082	4	743	5	405
Total	98	21,254	97	23,489	92	22,935	76	18,295	44[1]	13,656[1]	34[1]	10,411[1]	29	6,907

Table 12. Number of nutria damage sites by age of damage and condition rating in coastal Louisiana in 2002 to 2008.

[1] Total includes sites that were partially recovered.

PREDICTION OF RECOVERY BY END OF GROWING SEASON	2002		2003		2004		2005		2006		2007		2008	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Full Recovery	7	919	8	4,238	10	338	6	443	4	828	2	350	1	80
Partial Recovery	59	13,950	64	14,497	50	13,440	36	10,073	27	11,487	21	8,278	22	6,091
Increased Damage	5	1,086	6	1,646	6	2,811	5	3,610	0	0	0	0	0	0
No Recovery Predicated	15	4,180	3	1,434	2	297	0	0	0	0	0	0	0	0
TOTAL	94	21,185	84	21,888	69	16,906	49	14,260	31	12,315	23	8,628	23	6,171

Table 13. Number of nutria damage sites and acres damaged, by prediction of recovery rating in coastal Louisiana in 2002 to 2008.

APPENDIX B.
2007 Nutria vegetative damage sites with tails harvested.

SITE	MARSH TYPE	LATITUDE	LONGITUDE	DAMAGE TYPE	DAMAGED ACRES	ACRES TO OPEN WATER	NRAR	VDR	AGE OF DAM	PREDICTION	PARISH	TOWNSHIP AND RANGE	Nutria Tails Harvested by Site *
8	F	29.5697	91.1638	Nutria	374	0	1	1	1	2	Terrebonne	T17SR13E	1,349
9	F	29.5737	91.1296	Nutria	521	0	1	1	1	2	Terrebonne	T17SR14E	1,349
17	F	29.5397	91.0504	Nutria	420	0	1	1	2	2	Terrebonne	T16SR23E	2,845
49	B	29.6531	90.1375	Nutria	70	104	0	0	0	99	Jefferson	T16SR23E	0
60	I	29.7160	90.0419	Nutria/Storm	23	0	0	2	1	2	Jefferson	T16SR24E	0
60B	I	29.7170	90.0520	Nutria/Storm	50	0	0	2	1	2	Jefferson		0
92	I	29.7205	90.072	Muskrat/Nutria	171	0	1	3	2	2	Jefferson	T16SR24E	0
94	F	29.8696	90.2908	Nutria	429	287	1	2	2	2	St. Charles	T14SR21E	2,241
120	F	29.6006	91.0648	Nutria	2215	0	3	2	1	2	Terrebonne	T17SR14E	1,724
171	F	29.9209	90.4603	Nutria	1268	0	3	2	2	2	St. Charles	T13SR20E	0
178	I	29.71733	90.09117	Nutria	97	0	0	0	0	99	Jefferson	T16SR23E	0
238	F	29.9310	90.5279	Nutria	67	0	1	1	1	1	St. Charles	T13SR19E	1,154
245	F	29.7499	90.0735	Nutria	204	0	0	0	0	99	Jefferson	T15SR24E	0
258	I	29.8372	89.8393	Nutria/Storm	150	225	0	0	0	99	St. Bernard	T14SR14E	0
270	F	29.57606	91.19589	Nutria	62	0	0	0	0	99	Terrebonne	T17SR12E	0
274	F	29.5703	91.0831	Nutria	372	0	2	1	1	2	Terrebonne	T17SR14E	1,349
311	F	29.5571	90.9886	Nutria	538	0	1	1	1	2	Terrebonne	T17SR14E	2,041
344	F	29.5287	91.0210	Nutria	212	0	1	1	1	2	Terrebonne	T18SR14E	0
345	F	29.6147	90.5675	Nutria	130	0	3	1	1	2	Terrebonne	T17SR19E	559
349	B	29.5040	91.7900	Muskrat/Storm	798	0	0	2	1	2	Iberia	T17SR7E	0
352	B	29.5107	91.8470	Muskrat/Storm	80	186	0	0	0	99	Iberia	T18SR6E	0
357	B	29.8943	89.5686	Muskrat	113	0	0	0	0	99	St. Bernard	T13SR16E	0
358	B	29.9671	89.5335	Muskrat	165	0	0	0	0	99	St. Bernard	T12SR17E	0
368	B	29.5564	92.3396	Muskrat	914	0	0	0	0	99	Vermillion	T17SR1E	0
369	B	29.5584	92.3780	Muskrat	429	0	0	0	0	99	Vermillion	T17SR1E	0
380	I	29.5977	92.2108	Nutria	76	0	0	0	0	99	Vermillion	T16SR2E	0
386	F	29.8998	90.6210	Nutria	52	0	0	0	0	99	St. John the Baptist	T13SR18E	0
388	F	29.9509	90.5152	Nutria	505	0	0	0	0	99	St. Charles	T13SR19E	0
390	F	29.8843	90.4464	Nutria	165	0	1	1	1	2	St. Charles	T14SR20E	0

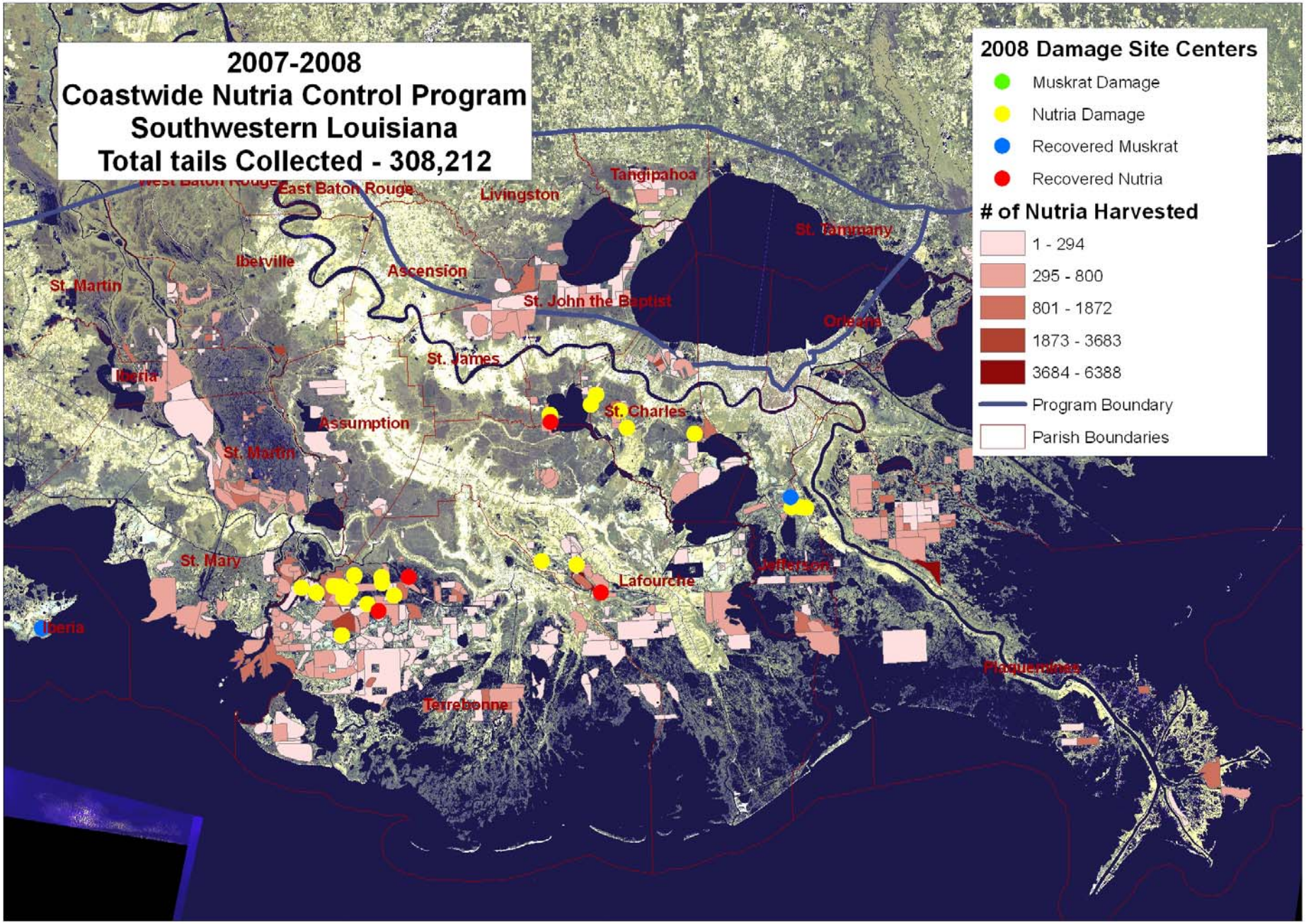
Table 14. 2007 Nutria vegetative damage sites with tails harvested.

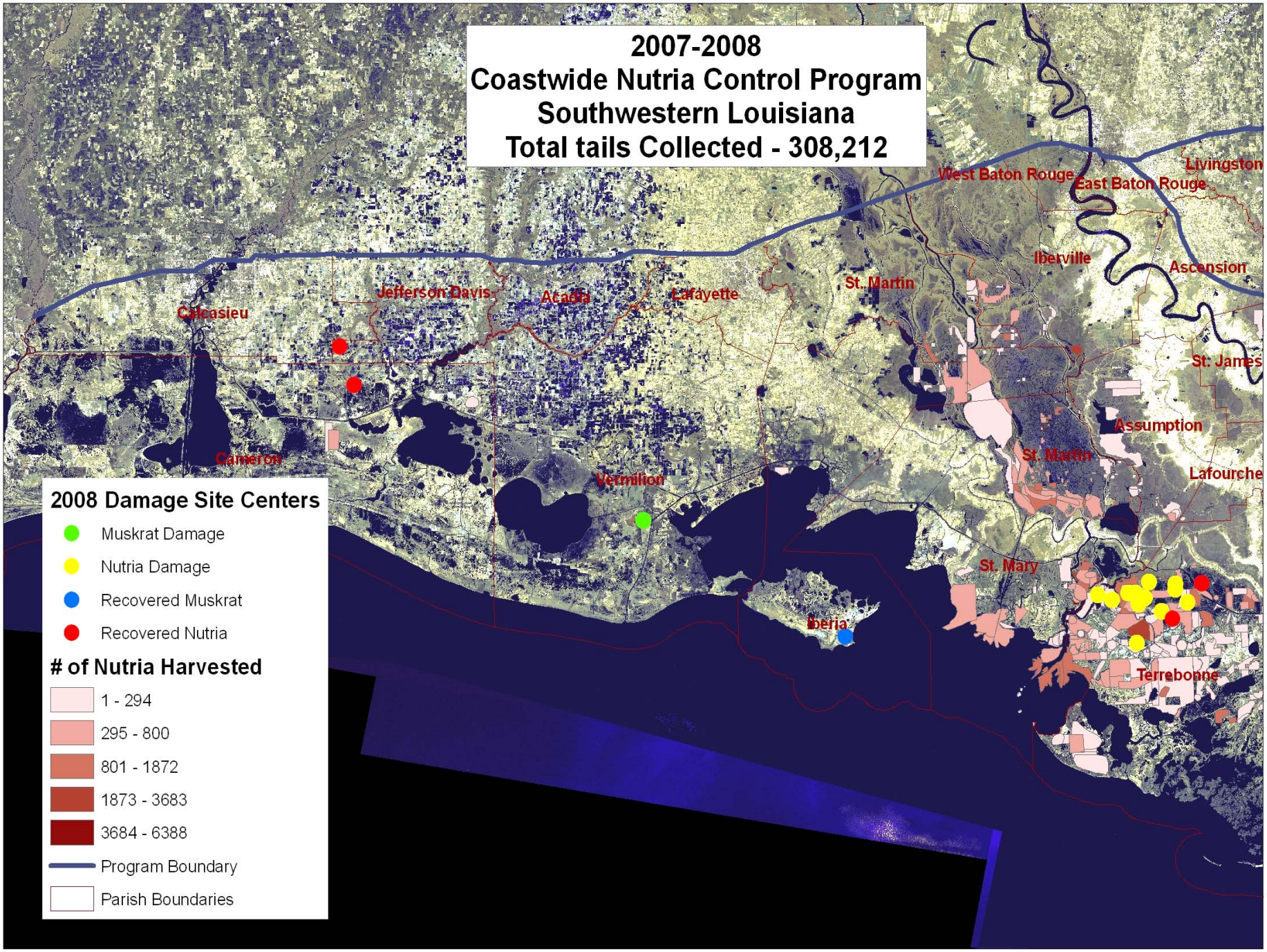
* The number of nutria tails harvested by site is an average due to multiple trappers and overlapping areas.

SITE	MARSH TYPE	LATITUDE	LONGITUDE	DAMAGE TYPE	DAMAGED ACRES	ACRES TO OPEN WATER	NRAR	VDR	AGE OF DAM	PREDICTION	PARISH	TOWNSHIP AND RANGE	Nutria Tails Harvested by Site *
392	F	29.7384	90.0757	Muskrat/Nutria	154	0	1	2	1	2	Jefferson	T15SR24E	0
393	I	29.8297	89.8138	Nutria	200	0	0	0	0	99	St. Bernard	T14SR14E	0
394	B	29.5638	92.2467	Muskrat	506	0	0	0	0	99	Vermillion	T17SR2E	0
395	B	29.5602	92.3132	Muskrat	310	0	0	0	0	99	Vermillion	T17SR1E	0
397	B	29.5427	91.7466	Muskrat	408	0	0	0	0	99	Iberia	T17SR7E	0
400	F	29.5802	91.1073	Nutria	622	0	2	2	2	2	Terrebonne	T17SR13E	1,349
402	F	29.8999	90.6206	Nutria	135	0	1	1	2	2	St. John the Baptist	T13SR18E	0
404	B	29.5417	91.8147	Muskrat	71	0	0	0	0	99	Iberia	T17SR6E	0
407	I	29.8542	91.7319	Muskrat	241	0	0	0	0	99	Cameron	T13SR14W	0
408	I	29.8950	93.2160	Muskrat	2228	3342	0	2	1	2	Cameron	T13SR8W	0
410	I	29.8315	93.1977	Muskrat/Storm	203	473	0	2	2	2	Cameron	T14SR8W	0
412	I	29.8444	93.0959	Muskrat	0	0	0	4	0	0	Cameron	T14SR7W	0
413	F	29.3947	91.0811	Nutria	285	0	0	0	0	99	Terrebonne	T19SR13E	0
414	F	29.5958	90.9506	Nutria	96	0	2	1	1	2	Terrebonne	T17SR15E	0
415	I	29.3774	90.8551	Nutria	82	0	0	0	0	99	Terrebonne	T19SR16E	0
416	F	29.9966	92.9456	Nutria	167	0	1	1	1	2	Cameron	T12SR6W	0
417	F	30.0709	92.9795	Nutria	81	0	1	1	1	2	Jefferson Davis	T11SR6W	0
418	F	29.5838	91.0138	Nutria	122	0	2	1	5	2	Terrebonne	T17SR14E	0
419	F	29.5939	91.0128	Nutria	293	0	1	1	5	2	Terrebonne	T17SR14E	0
420	F	29.6216	90.6456	Nutria	283	0	2	1	5	1	Lafourche	T17SR18E	0
421	F	29.5574	90.5127	Nutria	45	0	3	1	5	2	Lafourche	T17SR19E	0

Table 15. 2007 Nutria vegetative damage sites with tails harvested.

* The number of nutria tails harvested by site is an average due to multiple trappers and overlapping areas.


2007-2008
Coastwide Nutria Control Program
Southwestern Louisiana
Total tails Collected - 308,212
2008 Damage Site Centers
Muskrat Damage
Nutria Damage
Recovered Muskrat
Recovered Nutria
# of Nutria Harvested
1 - 294
295 - 800
801 - 1872
1873 - 3683
3684 - 6388
Program Boundary
Parish Boundaries
East Baton Rouge
Livingston
Tangipahoa
St. Tammany
Iberville
Ascension
St. Martin
St. John the Baptist
Orleans
St. James
Iberia
St. Charles
Assumption
St. Martin
St. Mary
Jefferson
Lafourche
Iberia
Plaquemines
Terrebonne


2007-2008
Coastwide Nutria Control Program
Southwestern Louisiana
Total tails Collected - 308,212
West Baton Rouge
East Baton Rouge
Livingston
Iberville
Ascension
St. Martin
Jefferson Davis
Acadia
Lafayette
Calcasieu
St. James
Assumption
St. Martin
Lafourche
Cameron
Vermilion
St. Mary
Iberia
Terrebonne
2008 Damage Site Centers
Muskrat Damage
Nutria Damage
Recovered Muskrat
Recovered Nutria
# of Nutria Harvested
1 - 294
295 - 800
801 - 1872
1873 - 3683
3684 - 6388
Program Boundary
Parish Boundaries

APPENDIX C.
Data collected at each damage site during the 2008 vegetative damage survey.

SITE	MARSH TYPE	LATITUDE	LONGITUDE	DAMAGE TYPE	DAMAGED ACRES	ACRES TO OPEN WATER	NRAR	VDR	AGE OF DAMAGE	PREDICTION	PARISH
8	F	29.574	-91.17139	Nutria	504	0	2	2	2	2	Terrebonne
9	F	29.5813	-91.12733	Nutria	495	0	1	1	1	2	Terrebonne
17	F	29.5385	-91.04686	Nutria	286	0	3	1	1	2	Terrebonne
60	I	29.7173	-90.04149	Nutria	11	0	1	2	1	2	Plaquemines
60B	I	29.716	-90.05147	Nutria	33	0	1	2	1	2	Jefferson
92	F	29.7178	-90.07776	Nutria	36	0	1	1	1	2	Jefferson
94	F	29.8696	-90.2885	Nutria	129	300	3	3	2	2	St. Charles
120	F	29.5907	-91.06539	Nutria	1018	0	2	1	1	2	Terrebonne
171	F	29.9114	-90.47039	Nutria	1281	0	2	1	2	2	St. Charles
238	F	29.9272	-90.52978	Hog/Nutria	148	0	1	1	1	2	St. Charles
274	F	29.5649	-91.08909	Nutria	252	0	1	1	1	2	Terrebonne
311	F	29.5514	-90.97915	Nutria	464	0	1	1	1	2	Terrebonne
344	F	29.5283	-91.02	Nutria	212	0	0	0	0	99	Terrebonne
345	F	29.614	-90.57279	Nutria	80	0	1	1	1	1	Lafourche
349	B	29.504	-91.79	Muskrat/Storm	519	279	0	0	0	99	Iberia
390	F	29.8824	-90.44819	Nutria	144	0	1	1	1	2	St. Charles
392	I	29.7121	-90.075	Muskrat/Nutria	154	0	0	0	0	99	Jefferson
400	F	29.5755	-91.11566	Nutria	390	0	2	1	1	2	Terrebonne
402	F	29.9472	-90.6395	Nutria	135	0	0	0	0	99	St. John The Baptist
408	I	29.895	-93.216	Storm	2228	0	0	2	1	2	Cameron
410	I	29.8315	-93.1977	Storm	676	0	0	2	1	2	Cameron
414	F	29.5978	-90.9507	Nutria	96	0	0	0	0	99	Terrebonne
416	F	29.9967	-92.9448	Nutria	167	0	0	0	0	99	Cameron
417	F	30.0709	-92.9795	Nutria	81	0	0	0	0	99	Jeff Davis
418	F	29.5865	-91.01636	Nutria	54	0	2	1	1	2	Terrebonne
419	F	29.6009	-91.01346	Nutria	183	0	2	1	1	2	Terrebonne
420	F	29.6223	-90.64151	Nutria	258	0	1	1	1	2	Lafourche
421	F	29.5574	-90.5127	Nutria	45	0	0	0	0	99	Lafourche
422	I	29.7318	-92.27	Muskrat	152	0	0	3	5	2	Vermillion
423	F	29.5773	-91.19447	Nutria	35	0	1	1	5	2	Terrebonne
424	F	29.485	-91.10953	Nutria	65	0	1	1	5	2	Terrebonne
425	F	29.5588	-91.1008	Nutria	22	0	2	2	5	2	Terrebonne
426	F	29.948	-90.51209	Nutria	213	0	1	1	5	2	St. Charles
427	F	29.9174	-90.62198	Nutria	70	0	2	2	5	2	St. John The Baptist

Table 15. 2008 Nutria vegetative damage sites.

Data Sheet utilized for 2008 nutria herbivory survey.

2008 NUTRIA VEGETATIVE DAMAGE SURVEY

DATE:_____
TRANSECT#:_____ PHOTOGRAPHY

MARSH TYPE:_____ FRAME #_____

LAT:_____ LAT:_____

LON:_____ LON:_____

LOCATION DESCRIPTION
ON TRANSECT_____
EAST OF TRANSECT_____
WEST OF TRANSECT_____ SITE#_____

DAMAGE TYPE

_____DAMAGE NOT RELATED TO NUTRIA FEEDING
_____DAMAGE - STORM RELATED
_____DAMAGE - MUSKRAT
_____DAMAGE – NUTRIA
_____DAMAGE – OTHER_____
_____DAMAGED AREA SUBJECT TO TIDAL ACTION:____YES____NO
_____**ESTIMATED SIZE OF AREA (ACRES)**

NUTRIA RELATIVE ABUNDANCE RATING

_____ NO NUTRIA SIGN VISIBLE (0)
_____NUTRIA SIGN VISIBLE (1)
_____ABUNDANT FEEDING (2)
_____ HEAVY FEEDING (3)

VEGETATIVE DAMAGE RATING

_____NO VEGETATIVE DAMAGE (0)
_____MINOR VEGETATIVE DAMAGE (1)
_____MODERATE VEGETATIVE DAMAGE (2)
_____SEVERE VEGETATIVE DAMAGE (3)
_____CONVERTED TO OPEN WATER (4)

NUTRIA VISIBLE IN AREA

_____WERE NUTRIA SIGHTED:_____YES_____NO
_____IF YES, HOW MANY?_____

PLANT SPECIES IMPACTED
PLANT SPECIES RECOVERING
PLANT SPECIES ADJACENT

AGE OF DAMAGE AND CONDITION

_____ RECOVERED (0)
_____OLD RECOVERING (1)
_____OLD NOT RECOVERING (2)
_____RECENT RECOVERING (3)
_____RECENT NOT RECOVERING (4)
_____CURRENT (OCCURRING NOW) (5)

PREDICTION OF RECOVERY BY END OF 2008 GROWING SEASON

_____NO RECOVERY PREDICTED (0)
_____FULL RECOVERY (1)
_____PARTIAL RECOVERY (2)
_____INCREASED DAMAGE (3) _____**CHECK NEXT YEAR**

CODES FOR NUTRIA HERBIVORY SURVEY DATA

[1]Marsh Type

Fresh	F
Intermediate	I
Brackish	B

[2]Nutria Relative Abundance Rating

No Nutria Sign Visible	0
Nutria Sign Visible	1
Abundant Feeding Sign	2
Heavy Feeding	3

[3]Vegetative Damage Rating

No Vegetative Damage	0
Minor Vegetative Damage	1
Moderate Vegetative Damage	2
Severe Vegetative Damage	3
Converted To Open Water	4

[4]Age of Damage and Condition

Recovered	0
Old Recovering	1
Old Not Recovering	2
Recent Recovering	3
Recent Not Recovering	4
Current (Occurring Now)	5

[5]Prediction of Recovery by End of 2008 Growing Season

No Recovery Predicted	0
Full Recovery	1
Partial Recovery	2
Increased Damage	3

99 – Entry does not apply to this site.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

November 5, 2008

REQUEST FOR FY12 PROJECT SPECIFIC MONITORING FUNDS FOR CASH FLOW PROJECTS, AND FY12 COASTWIDE REFERENCE MONITORING SYSTEM (CRMS)-WETLANDS MONITORING FUNDS

For Decision/Vote:

Following a presentation by USGS on the status/progress of CRMS over the past year, the Task Force will vote on the following requests:

a. Project specific FY12 monitoring funding for projects on PPLs 9+ in the amount of $146,243 for the following projects:
- Four Mile Canal Terracing and Sediment Trapping (TV-18), PPL-9, NMFS
  Requested increase in the amount of $24,511
- Coastwide Nutria Control Program (LA-03b), PPL-11, NRCS
  Requested increase in the amount of $121,732

b. CRMS FY12 monitoring funds in the amount of $7,600,455.

Technical Committee Recommendation:

The Technical Committee recommends that the Task Force approve incremental funding for project specific monitoring for cash flow projects in the amount of $146,243 and incremental funding for CRMS in the amount of $7,600,455.

Budget Request for CWPPRA Monitoring
CWPPRA Technical Committee Meeting
September 10, 2008

Out-year funding (2012)

Project-specific (PPL 9-11)

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

$ 24,511	**TV-18 Four Mile Canal Terracing and Sediment Trapping**
$121,732	**LA-03b Coastwide Nutria Control Program**
$146,243	**TOTAL**

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

CRMS-Wetlands has been funded by previous Task Force authorizations through FY11. The following request is for out-year funding through FY-12.

$7,600,455 CRMS-*Wetlands* (replacement of expenditures from FY08)

CRMS-*Wetlands* Status Report Prepared for the
CWPPRA Technical Committee
September 10, 2008

I. Overview of authorization and funding approvals to date

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

Funding Authorizations			
August 14, 2003	Funding for 2003 - 2006		$12,397,506
	Existing PPL 1-8 projects	$ 6,760,637	
	from new funding	$ 5,636,869	
January 28, 2004:	Funding for 2007		$ 3,101,357
October 13, 2004:	Funding for 2008		$532,000 [a]
October 26, 2005:	Funding for 2009		$1,036,109 [a]
October 18, 2006:	Funding for 2010		$3,185,809[a]
October 25, 2007:	Funding for 2011		$4,697,824[a]
October 9, 2008[b]:	Funding for 2012		$7,600,455[a]
TOTAL	**Funding 2003 through 2012**		**$32,551,060**

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

Expenses from July 1, 2007 through June 30, 2008	
Administration and Supervision	$461,841
Landrights	$289,269
Site Construction, O&M, Engineering Services, Equipment	$2,183,453
Spatial and Temporal Data Collection	$4,068,878
Database Management	$311,308
Analysis and Reporting	$285,706
TOTAL Expenditures July 1, 2007 through June 30, 2008	**$7,600,455**

DRAFT

Coastwide Reference Monitoring System (CRMS) - *Wetlands*

Status Report for the
CWPPRA Technical Committee
October 9, 2008

CRMS Authorizations and Current Request

AUTHORIZATIONS	
August 14, 2003: (2003-2006)	$12,397,506
(PPL 1-8 and new funding)	
January 28, 2004: (2007)	$3,101,357
October 13, 2004: (2008)	$532,000
October 26, 2005: (2009)	$1,036,109
October 18, 2006: (2010)	$3,185,809
October 25, 2007: (2011)	$4,697,824
Total Authorized To Date:	**$24,950,605**
October 09, 2008: (2012)	$7,600,455
Total Anticipated Authorization	**$32,551,060**
EXPENSES	
Expenses through FY07:	$9,451,742
Expenses in FY08:	$7,600,455
Total Expenses To Date	**$17,052,197**
PROJECT BALANCE	
Current Project Balance (available funds):	$7,898,408
FY12 Request (based on FY08 Expenses):	$7,600,455
Anticipated Balance (pending approval):	**$15,498,863**

CWPPRA Monitoring FY12 Funding Request

CRMS - *Wetlands*	$7,600,455
TV-18 Four Mile Canal Terracing and Sediment Trapping	$24,511
LA-03b Coastwide Nutria Control Program	$121,732
Total	**$7,746,698**

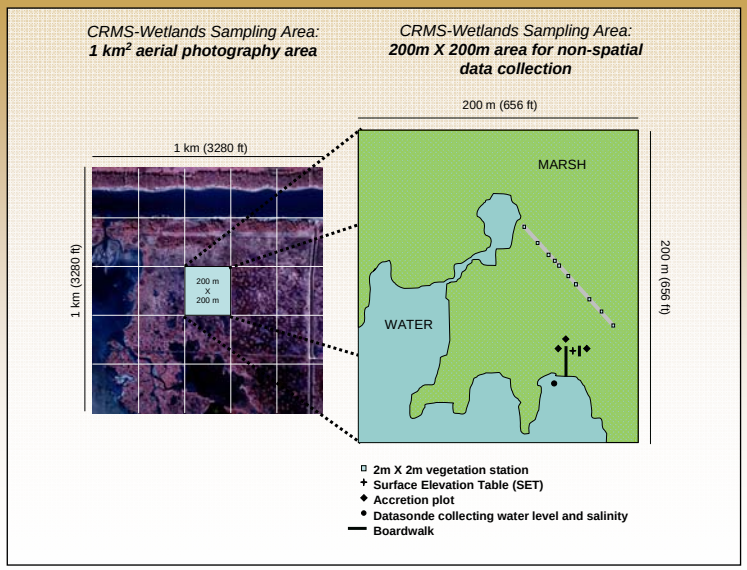
Coastwide Reference Monitoring System - *Wetlands*

Site Distribution and Data Collection Status

August 2008 Data Collection Status:

- ▲ **Collecting All Variables: 219**
- ● **Collecting Most Variables: 172**

CRMS Site Configuration



CRMS Implementation Status

Site Construction

- Landrights complete
- 381 platforms constructed
- 92 new benchmarks installed
- Elevation surveys ongoing

Data Collection (as of September 2008):

- 219 sites collecting all data types
- 381 sites collecting hydrographic data
- 385 sites being monitored for vegetation in 2009
- 219 sites monitored for surface elevation/accretion in March 2008
- 234 sites sampled for soil properties
- 387 sites have completed land:water analysis and QAQC; 297 sites posted on web; coastwide aerial photography and satellite imagery collected in Fall 2005 and will be collected again this year

Reporting

- 18 project-specific reports in 2008 (**BA-03c**, BA-26, BS-03a, **CS-20**, CS-23, CS-24, CS-27, CS-30, ME-16, MR-06, **PO-17**, PO-22, TE-20, TE-24, TE-27, TE-44, TV-04, TV-12, TV-13a, TV-18)
- Post-Rita Vegetation Report
- Standard Operating Procedures for Data Collection and Management
- CRMS Analytical Procedures

Data available through CRMS, DNR SONRIS, USGS, or CWPPRA Websites

CRMS Collaboration

Monitoring Workgroup Meeting – March 6, 2007

- Identify and resolve issues with landrights delays, logistics and higher construction costs
- Approval to move forward with CRMS 391 station design

Individual Agency Meetings – July 2007

- CRMS analytical teams provided examples of data products
- Presented ecological indices and ways to improve data and information delivery
- Recommendations provided on data presentation and delivery

CWPPRA Project Manager Website Training – January 29, 2008

- Overview of Louisiana DNR SONRIS database and website and CRMS website
- Incorporated agency recommendations

Monitoring Workgroup Meeting – March 19, 2008

- Presented refined ecological indices (Hydrologic Index, Floristic Quality Index, Sediment Elevation Compensation Index, Spatial Integrity Index)
- Approval to apply indices to CS-20, BA-03c, and PO-17 CWPPRA projects

Project Manager Meeting – April 30, 2008

- Presented results of ecological indices from CS-20, BA-03c, and PO-17 CWPPRA projects to state and federal sponsors
- Approval to apply indices on available CRMS 2006 and 2007 data

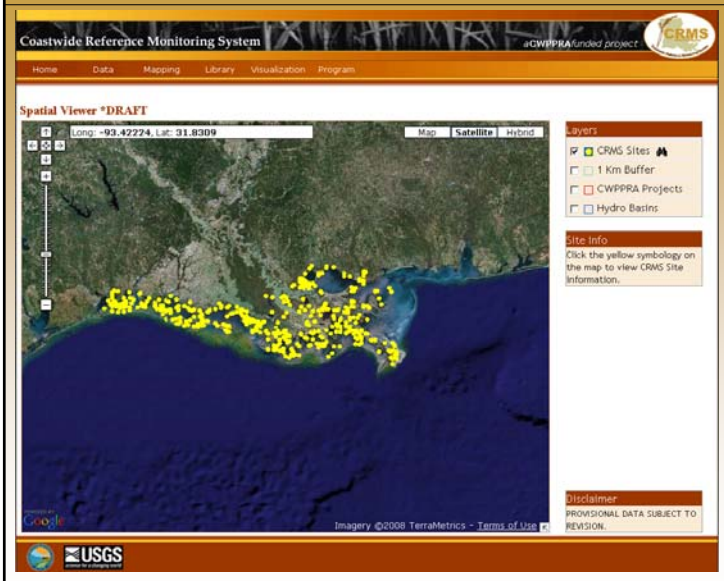
CWPPRA Project Manager Website Training – August 18, 2008

- New functionality on CWPPRA CRMS website (http://www.lacoast.gov/crms2/)

CRMS Website Update

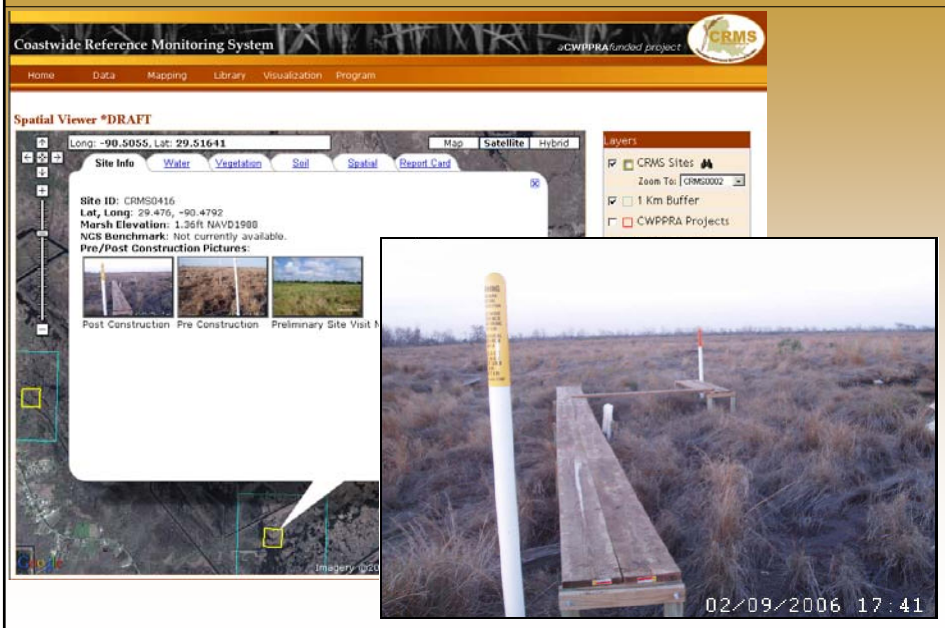
www.lacoast.gov/crms2

CRMS Website

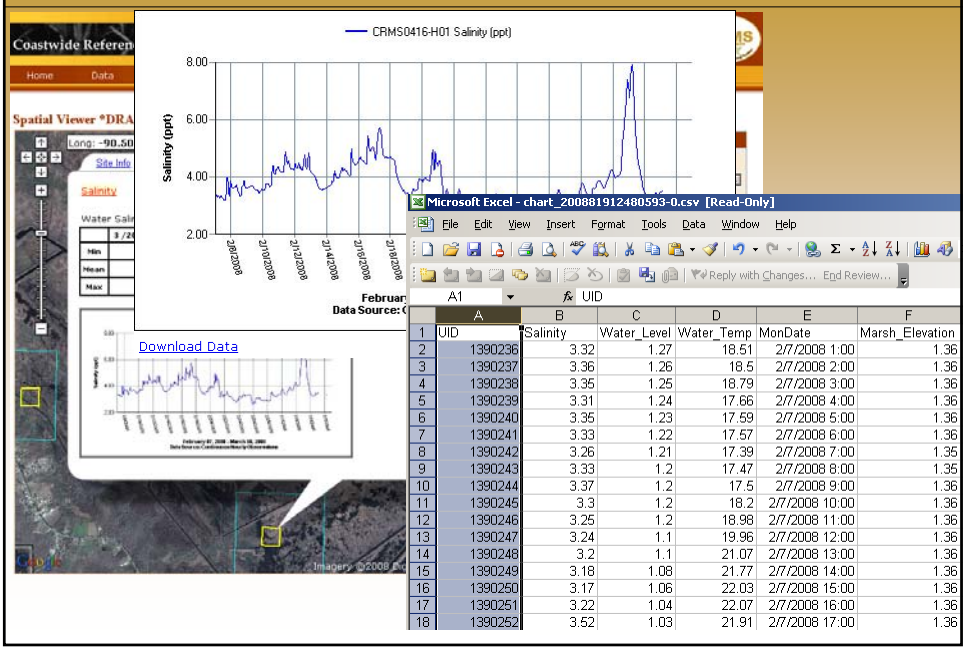


CRMS Website

CRMS Website



CRMS Website



	A	B	C	D	E	F
1	UID	Salinity	Water_Level	Water_Temp	MonDate	Marsh_Elevation
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3	1390237	3.36	1.26	18.5	2/7/2008 2:00	1.36
4	1390238	3.35	1.25	18.79	2/7/2008 3:00	1.36
5	1390239	3.31	1.24	17.66	2/7/2008 4:00	1.36
6	1390240	3.35	1.23	17.59	2/7/2008 5:00	1.36
7	1390241	3.33	1.22	17.57	2/7/2008 6:00	1.36
8	1390242	3.26	1.21	17.39	2/7/2008 7:00	1.35
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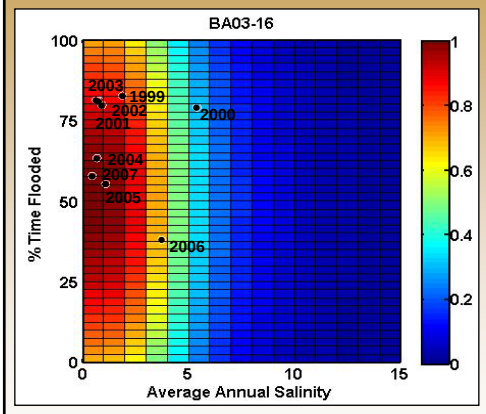
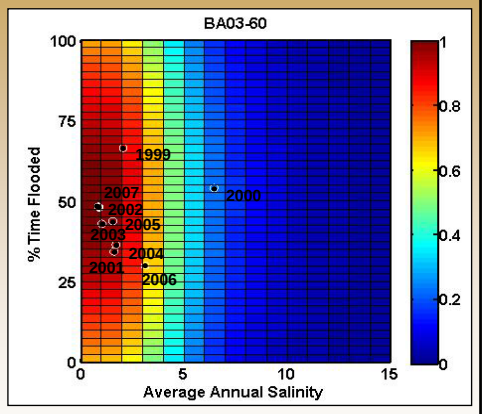
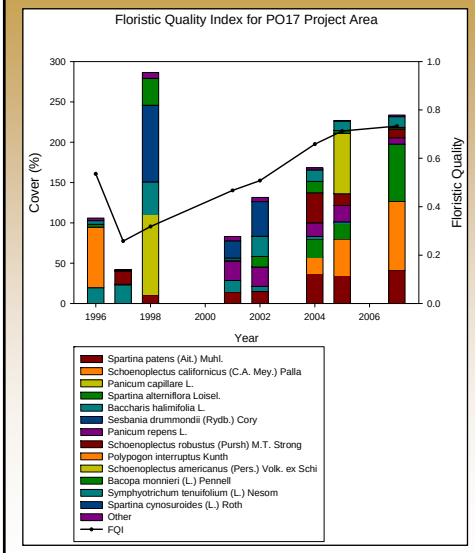
10	1390244	3.37	1.2	17.5	2/7/2008 9:00	1.36
11	1390245	3.3	1.2	18.2	2/7/2008 10:00	1.36
12	1390246	3.25	1.2	18.98	2/7/2008 11:00	1.36
13	1390247	3.24	1.1	19.96	2/7/2008 12:00	1.36
14	1390248	3.2	1.1	21.07	2/7/2008 13:00	1.36
15	1390249	3.18	1.08	21.77	2/7/2008 14:00	1.36
16	1390250	3.17	1.06	22.03	2/7/2008 15:00	1.36
17	1390251	3.22	1.04	22.07	2/7/2008 16:00	1.36
18	1390252	3.52	1.03	21.91	2/7/2008 17:00	1.36

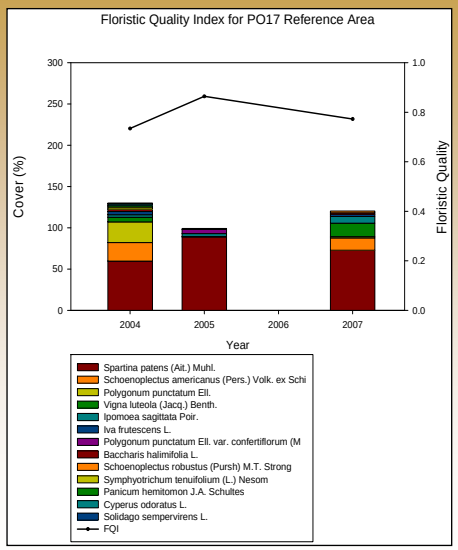
CRMS Analytical Tools – Naomi Outfall



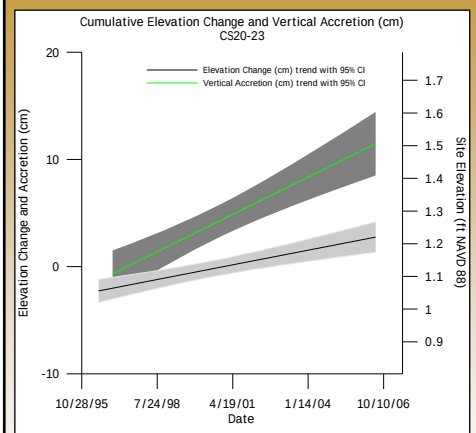


CRMS Analytical Tools – Bayou LaBranche

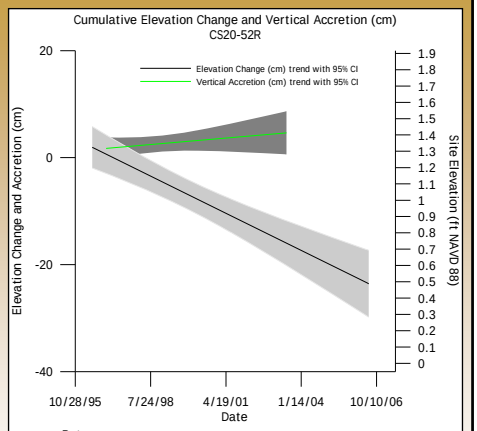




CRMS Analytical Tools – East Mud Lake

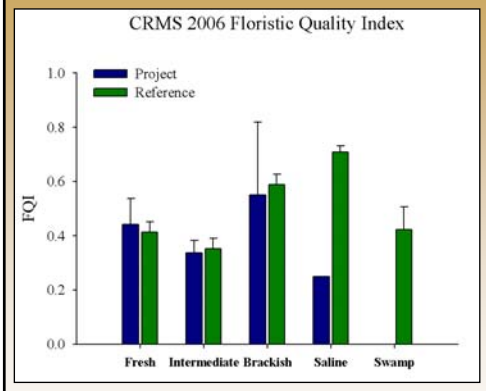


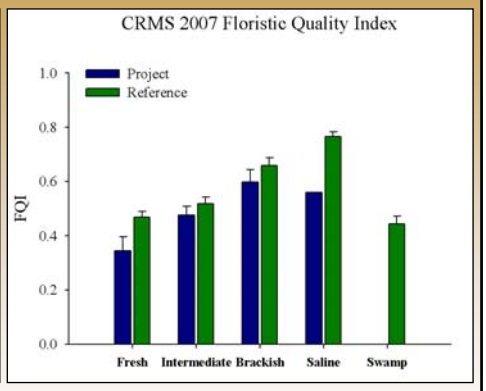
Rates:
Elevation Change = 0.50 cm yr^{-1}
Vertical Accretion = 1.27 cm yr^{-1}
Shallow Subsidence = 0.77 cm yr^{-1}
Projected RSLR = 0.57 cm yr^{-1}
Site Elevation Change 0.07 cm yr^{-1} < Projected RSLR



Rates:
Elevation Change = -2.54 cm yr^{-1}
Vertical Accretion = 0.44 cm yr^{-1}
Shallow Subsidence = 2.98 cm yr^{-1}
Projected RSLR = 0.57 cm yr^{-1}
Site Elevation Change 3.11 cm yr^{-1} < Projected RSLR

CRMS Analytical Tools – Status and Trends





CRMS – Short-term Goals

Peer review of CRMS indices

- Framework documents – December 31, 2008
- External Science Review – January – March 2009

Training

- Every 6-mo make available training on DNR SONRIS and CRMS data access, delivery and new functionality
- Expand training opportunities beyond CWPPRA agencies to broader natural resource, science and stakeholder communities

Feedback

- Continue dialog with CWPPRA agencies on new functionality
- Develop new indices and a coastal report card
- Use data to support decisions on program modifications, if necessary

Status and trends

- Coastal land change (incorporate post-hurricane Gustav/Ike into long-term trends)
- Vegetation community change (2006 – 2008)

Project assessments

- Apply CRMS ecological indices to appropriate CWPPRA monitoring data and incorporate findings in OM&M reports

CWPPRA Monitoring FY12 Funding Request

CRMS - *Wetlands*	$7,600,455
TV-18 Four Mile Canal Terracing and Sediment Trapping	$24,511
LA-03b Coastwide Nutria Control Program	$121,732
Total	**$7,746,698**

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

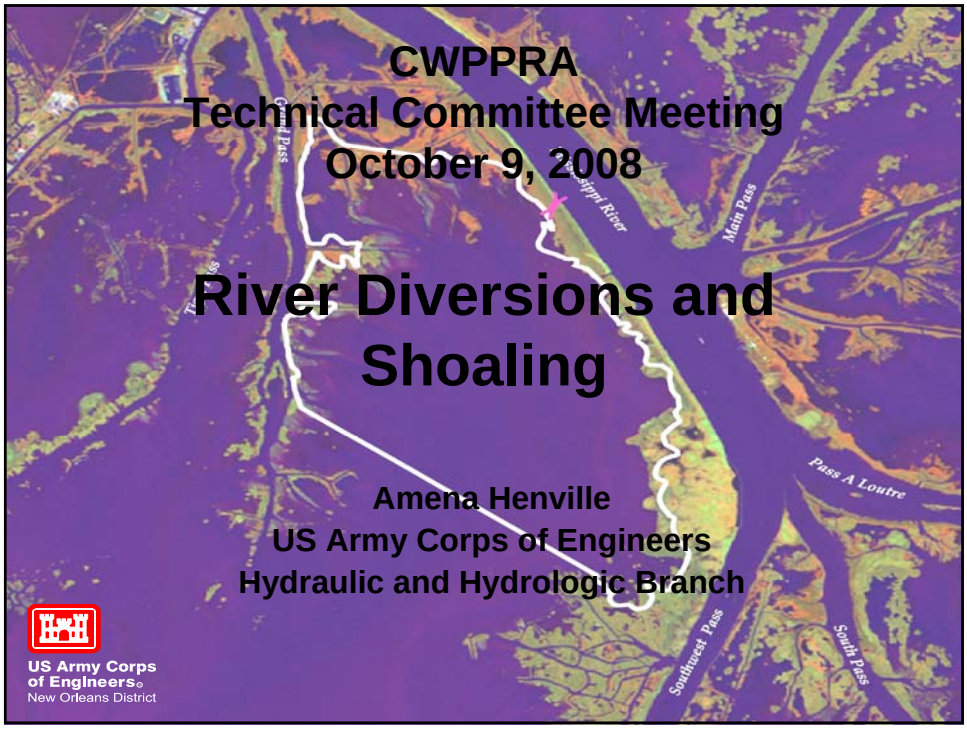
TASK FORCE MEETING

November 5, 2008

RIVER DIVERSIONS AND POTENTIAL INDUCED SHOALING

For Discussion:

The USACE will provide a brief on potential impacts of River Diversions proposed on the Mississippi River and the dynamics of induced shoaling. An update on the West Bay Sediment Diversion Project performance will also be provided.

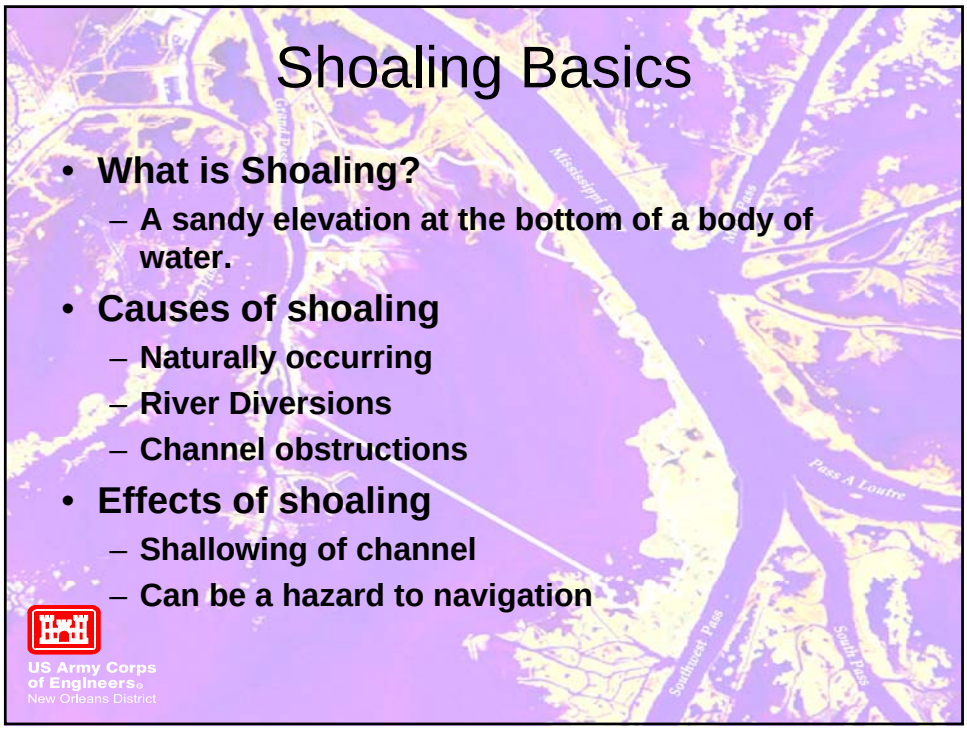


CWPPRA
Technical Committee Meeting
October 9, 2008

River Diversions and Shoaling

Amena Henville
US Army Corps of Engineers
Hydraulic and Hydrologic Branch

US Army Corps of Engineers
New Orleans District



Shoaling Basics

- **What is Shoaling?**
  - **A sandy elevation at the bottom of a body of water.**
- **Causes of shoaling**
  - **Naturally occurring**
  - **River Diversions**
  - **Channel obstructions**
- **Effects of shoaling**
  - **Shallowing of channel**
  - **Can be a hazard to navigation**

US Army Corps of Engineers
New Orleans District

Shoaling and Diversions

- Impacts will vary over time as boundary conditions change (upstream flow and sediment, downstream stage) Potential for significant impacts is greatest with following project features
  - Changes to channel width (sediment mining)
  - Changes in channel alignment (sediment mining)
  - Water diversion points
  - Lower reaches of river
  - Reaches where the channel slope becomes flatter
  - Channel training structures
- If these features are already present, likelihood for impact of additional features is great
- Impacts of diversions can be compounded if the reach is already unstable

US Army Corps of Engineers
New Orleans District

- Most common effect of diversions is downstream degradation
- Channel will reestablish equilibrium slope
- Deposition along main channel in vicinity of diversion site
- Flow patterns can change affecting shoaling patterns upstream and downstream
- Upstream change in slope may induce increased sediment transport into the diversion area contributing to the downstream degradation

US Army Corps of Engineers
New Orleans District

Hydraulic Modeling

- Purpose
  - Identify impacts to shoaling in the Mississippi River
  - Evaluate effect of diversion angle on sediment diversion
- Four model studies performed prior to construction
  - HEC-6 (1988)
  - TABS (1994)
  - CH3D-SED (2000)
  - CH3D-SED (2001)
- One model study performed after construction
  - CH3D-SED (2004)

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HEC-6 Modeling (1988)

- Modeling performed by ERDC
- One-dimensional sediment transport model
- Purpose – to develop shoaling and dredging estimates with the diversion in place
- Model review – ERDC peer review, ASCE Journal papers, PhD dissertations, National Academy of Engineering
- Software has been applied to 100s of applications and is sold commercially by several vendors.

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New Orleans District

Source: WES Technical Report HL-92-6, 1992

HEC-6 Modeling (1988)

- Diversion of 10% of Mississippi River
- Three diversion sand concentrations (sediment rich to sediment poor)
- Increase total annual dredging by 8 to 16 percent, or 440,000 to 870,000 cy/yr

US Army Corps of Engineers
New Orleans District

Source: WES Technical Report HL-92-6, 1992

TABS-MD Model (1994)

- Modeling performed by ERDC
- Two-dimensional hydrodynamic and sediment transport model system
- Purpose – to develop shoaling and dredging estimates with the diversion in place
- Model review – ERDC peer review, ASCE Journal papers, PhD dissertations
- Software has been applied to 100s of applications and is sold commercially by several vendors.

US Army Corps of Engineers
New Orleans District

TABS-MD Model (1994)

- Two diversion sizes, 20,000 cfs and 25,000 cfs, both 45 ft deep
- 87-day hydrograph for 1989, peak river flow 1,130,000 cfs
- Upper and lower anchorage areas modeled
- Increased annual dredging in the navigation channel by 265,000-310,000 cubic yards
- Increased annual shoaling in the anchorage area by 2.1-2.3 million cubic yards

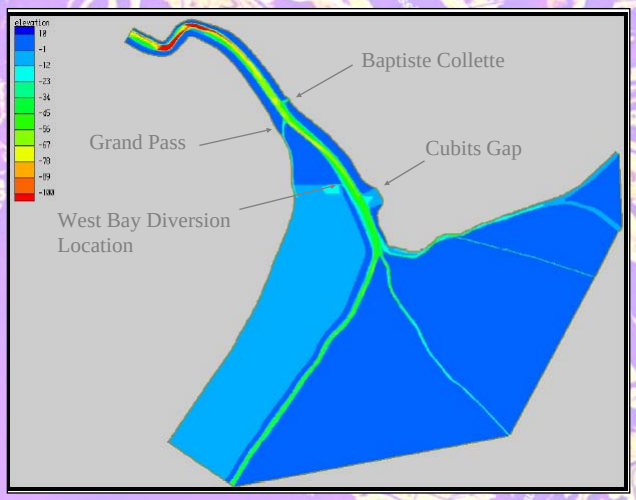
US Army Corps of Engineers
New Orleans District

CH3D-SED Modeling (2000)

- Modeling performed by contractor
- Purpose – look at impacts on the anchorage area and navigation channel
- Model review – ERDC peer review, ASCE Journal papers, PhD dissertations
- Software has been applied to such complex systems such as the Chesapeake Bay.

US Army Corps of Engineers
New Orleans District

CH3D-SED Modeling (2000)



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of Engineers
New Orleans District

CH3D-SED Modeling (2000)

- 50,000 cfs diversion
- 5 flows modeled, peak river flow 1,300,000 cfs
- Steady state mode
- Increased dredging in the navigation channel by 200,000 cubic yards per year
- Increased shoaling in the anchorage and access area by 700,000-900,000 cubic yards per year

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CH3D-SED Modeling (2000)

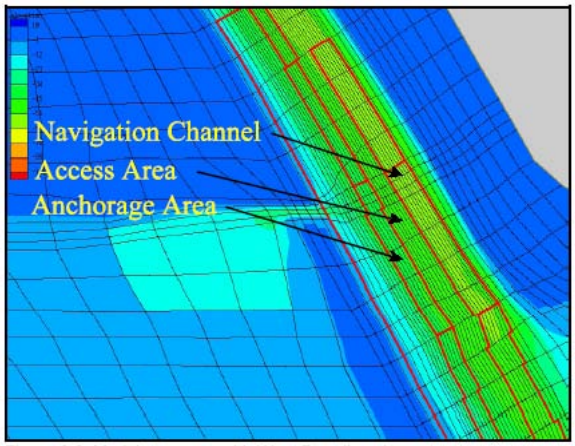
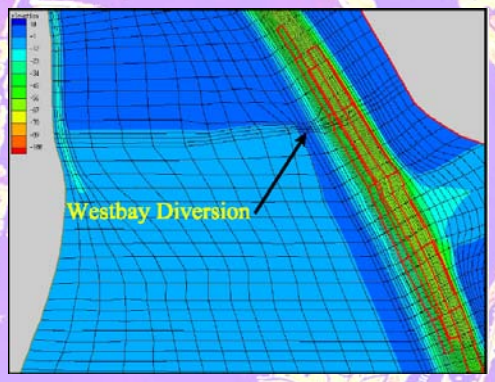


Figure 2.2: Model geometry with West Bay diversion.

US Army Corps of Engineers
New Orleans District

CH3D-SED Modeling (2001)

- Modeling performed by contractor
- Purpose – assess the effects of the angle of diversion on sediment diverted



US Army Corps of Engineers
New Orleans District

Boundary Conditions for CH3D-SED Model

Table 1: Inflowing Sediment Load

Flow Rate (cfs)	Inflowing Sediment Load (tons/day)
410,000	58,000
640,000	180,000
780,000	420,000
900,000	750,000
1,300,000	2,380,000

Table 2: Grain Sizes

Grain Size	Particle Diameter (mm)	% of Bed Material
Finer	0.089	18
Coarse	0.177	82

US Army Corps of Engineers
New Orleans District

CH3D-SED Modeling (2004)

- Modeling performed by ERDC
- Purpose –to address changes in Head of Passes area from construction and maintenance activities

US Army Corps of Engineers
New Orleans District

West Bay

- Discharge through diversion based on average annual flow hydrograph on Mississippi River
- Analysis of the West Bay Diversion showed an increase in the sediment deposition extending several miles downstream of the diversion.
- Analysis of the numerical modeling results shows an increase in deposition from West Bay diversion (River Mile 4.7) downstream to River Mile 1.5.
- From River 1.5 to River mile 0 at Head of Passes, the model results showed a small reduction in sediment deposition. This decrease in sediment deposition can be attributed to sediment deposition between mile 1.5 and mile 5 and the reduction of flow because of the West Bay diversion.
- The lower deposition rates from mile 0 to mile 1.5 are similar to the deposition rates experienced at corresponding lower flow rates under existing conditions.

US Army Corps of Engineers
New Orleans District

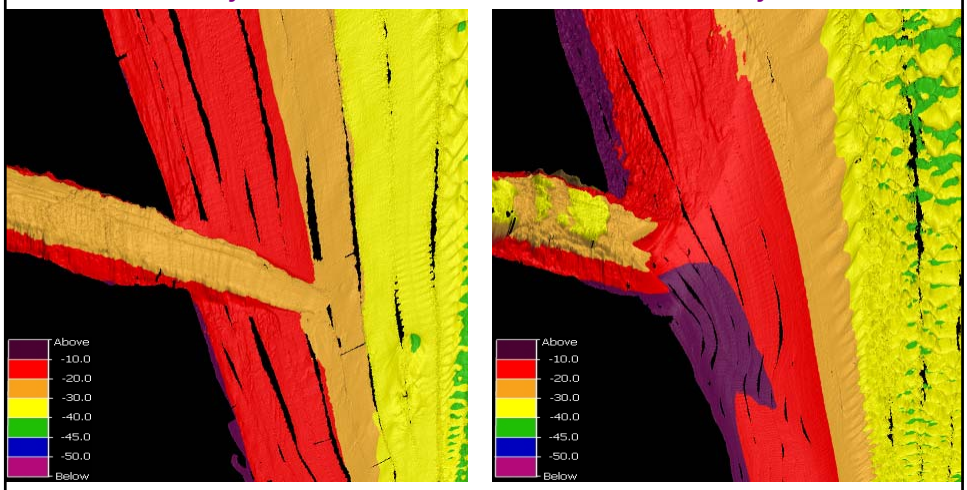
Benney's Bay

- The five flow conditions were run for the existing condition without Benney's Bayou diversion and with project conditions assuming 50,000 cfs diverted at Benney's Bayou for a total of ten runs.
- Analysis of the results shows an increase in shoaling rates occurring just downstream of the Benney's Bay Diversion. This is an area where the navigation channel is deeper than the minimum navigation depth of 45 ft.
- A large amount of the increased shoaling occurs at depths greater than 55 ft. Because of the increased shoaling near the Benney's Bay Diversion, less shoaling occurs in the area between the Cubits Gap and the Head of Passes. This indicates that there may be less dredging in the Mississippi River between the Benny Bay Diversion and the Head of Passes for some time when the project is first placed in operation.

US Army Corps of Engineers
New Orleans District

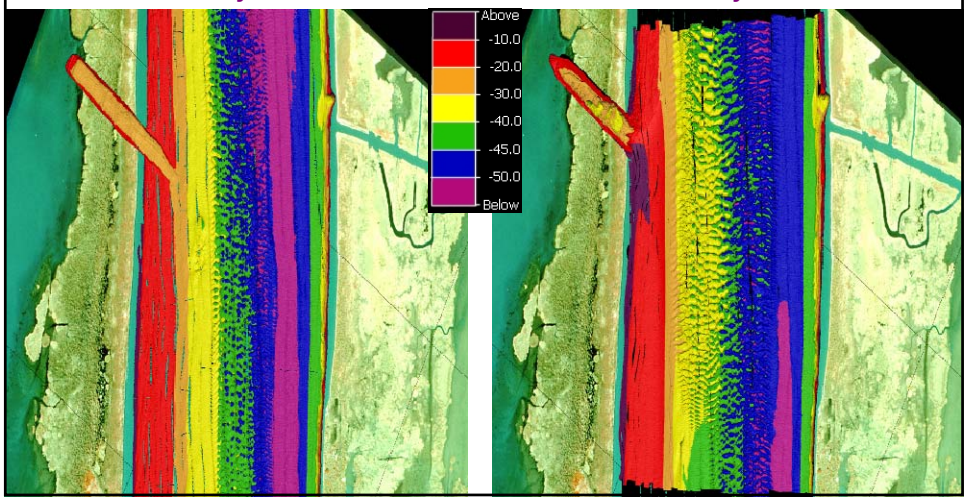
2004 vs 2005 Bathymetric Comparison

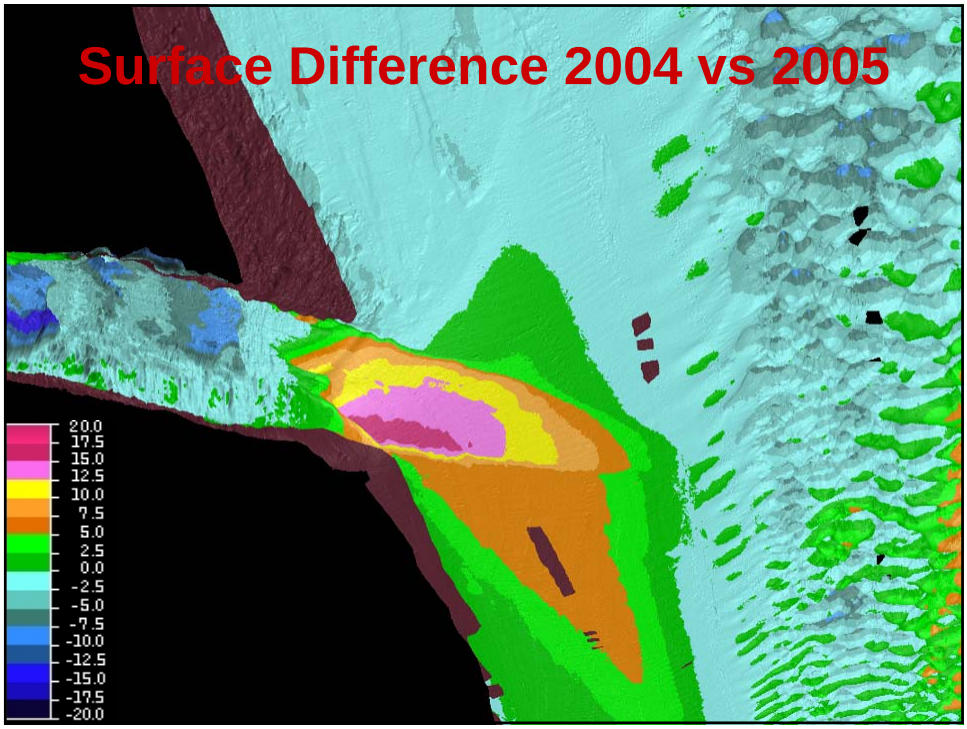
West Bay 2004 **West Bay 2005**



2004 vs 2005 Bathymetric Comparison

West Bay 2004 **West Bay 2005**





Data Collection and Analysis

After 2 high water seasons

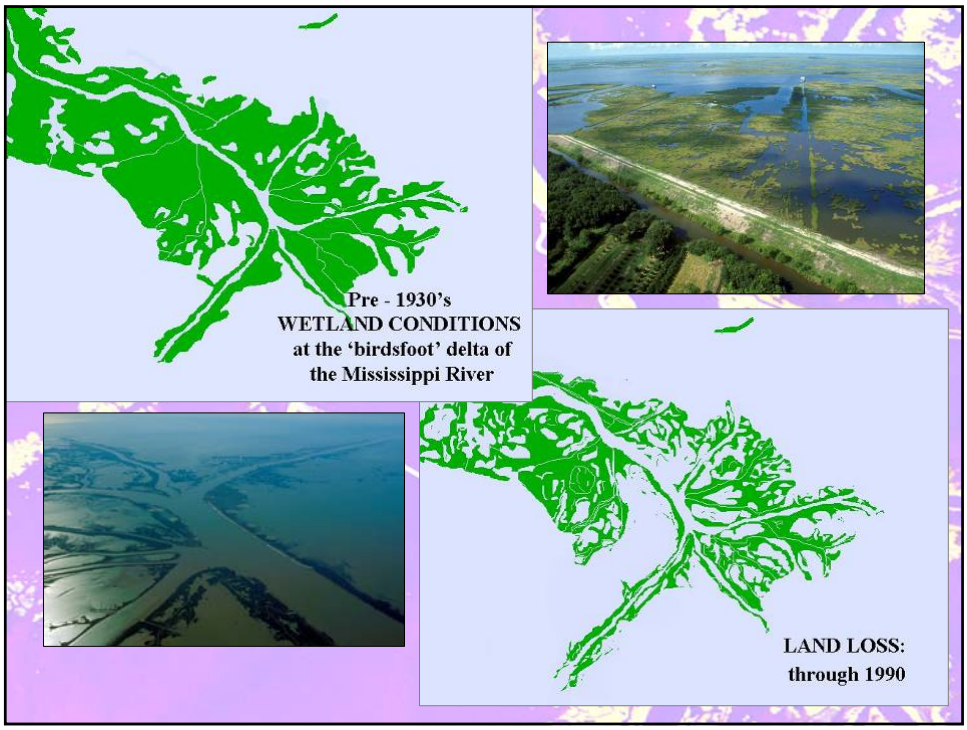
- **In 2005, approximately 150,000 cubic yards of material removed from navigation channel just downstream of the West Bay diversion channel**
- **Shoaling in anchorage area has varied between 250,000 cubic yards and 700,000 cubic yards**
- **Next dredging event is expected to be 1,750,000 cubic yards of sediment from the PAA**

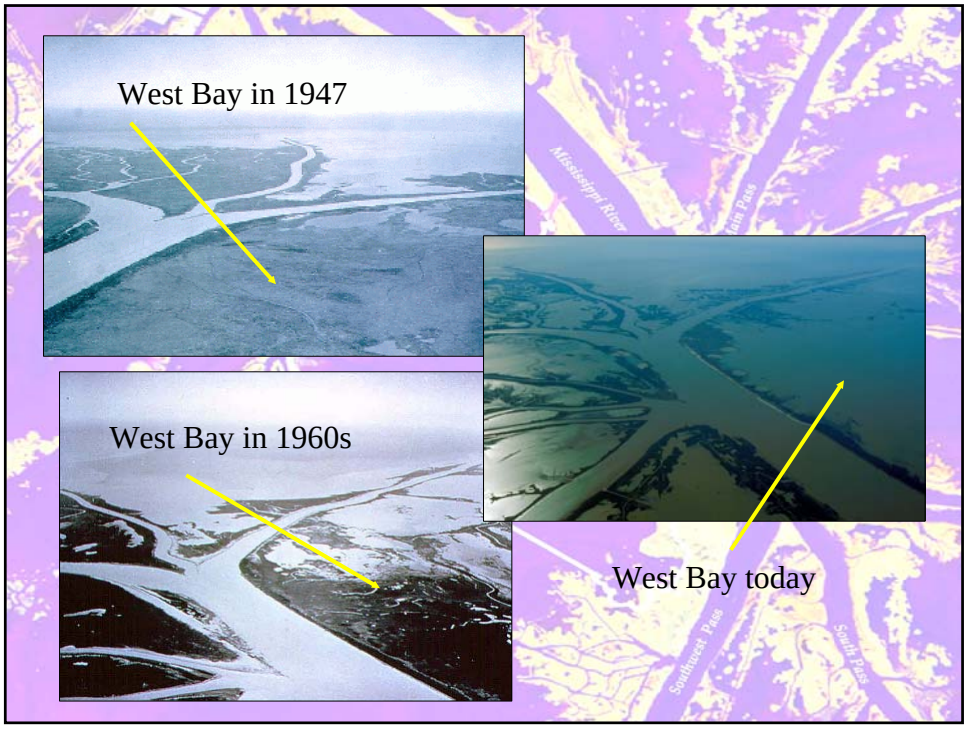
US Army Corps of Engineers
New Orleans District

Accurate Model Predictions

- 44 Sets of Discharge measurements at West Bay and in other passes and channels
- Average flow in West Bay Diversion Channel = 17,100 cfs
- Average flow in West Bay Diversion Channel = 4.1% of Mississippi River at Venice Flow, up from 2.6% in 2005
- Averge flow in Southwest Pass = 33.0% of Mississippi River at Venice Flow

US Army Corps of Engineers
New Orleans District




West Bay in 1947
West Bay in 1960s
West Bay today
Mississippi River
Southwest Pass
South Pass

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

November 5, 2008

REQUEST FOR OPERATIONS AND MAINTENANCE (O&M) BUDGET INCREASE AND INCREMENTAL FUNDING FOR PPL 1 – WEST BAY SEDIMENT DIVERSION PROJECT (MR-03)

For Decision/Vote:

The Corps of Engineers requested Technical Committee recommendation for Task Force approval for an O&M budget increase in the amount of $118,451,908 for the MR-03 project to cover maintenance dredging in the Pilottown Achorage Area (PAA) through 2023 and to expand the diversion channel to the approved 50,000 cfs capacity. With this, the Corps requested incremental funding through FY 11 in the amount of $10,998,550 to conduct maintenance dredging in the PAA. The Technical Committee is recommending that the Task Force only approve the requested $10,998,550 in incremental funding through FY11 only.

The Technical Committee recommended the following regarding West Bay O&M request:

1) that the Task Force approve the 3-year incremental funding for the West Bay project for $10,998,550;
2) that the Corps develop a Work Plan with CPRA/OCPR to address the overall induced shoaling issue; and
3) that the project sponsors should report on West Bay progress at each TC/TF meeting, and CWPPRA will re-evaluate continued O&M funding prior to the end of the 3-year increment.

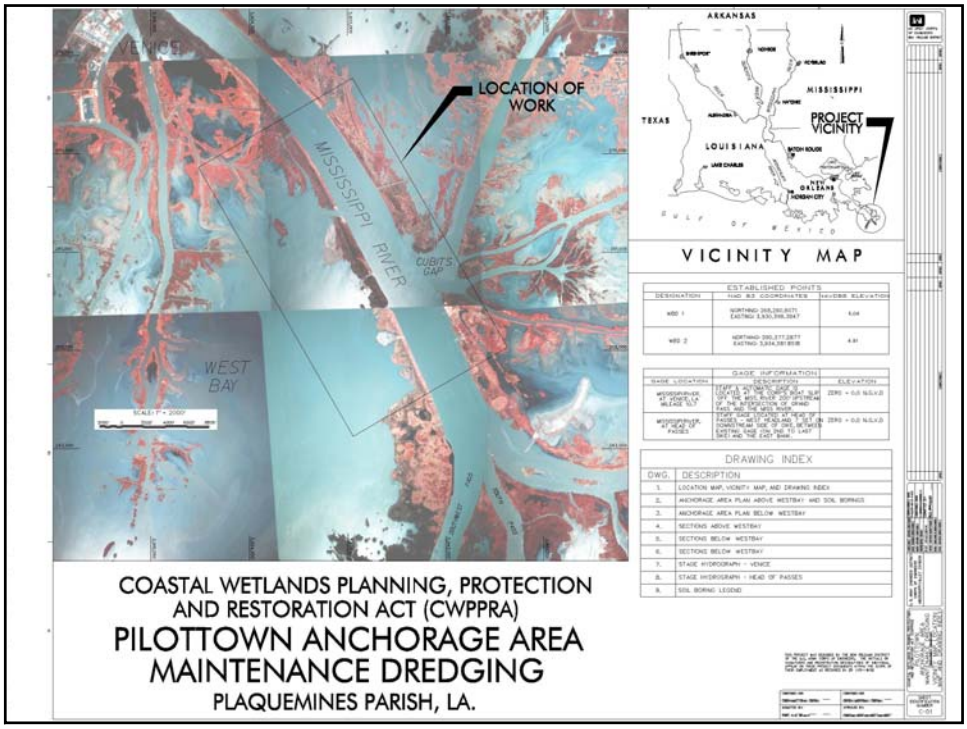
West Bay Sediment Diversion O&M Budget Increase Request

CWPPRA Technical Committee Meeting
9 October 2008
New Orleans, LA

Overview

- Project History
- Performance of Project
- O&M Budget Requirements
- Supporting Factors

2



Project History

- **Louisiana Coastal Area, Land Loss and Marsh Creation Feasibility Study, 1980s**
- **Approved on 1st Priority Project List, 1992**
- **Task Force construction approval Apr 2002**
- **Cost Share Agreement executed Oct 2002**
- **Initial construction completed Dec 2003**

4

Plan Description

- Two phase construction
  - Pipeline relocation
  - Initial diversion channel 20,000 cfs
  - Enlarge channel to 50,000 cfs
  - SREDs – Sediment Retention Enhancement Devices (included in original plan)
- Estimated 9,831 acres of wetlands created/restored
- Operations and Maintenance Plans
  - River surveillance & safety trigger conditions
  - CWPPRA Monitoring
  - Maintenance dredging Pilottown Anchorage Area
  - Outfall management

5

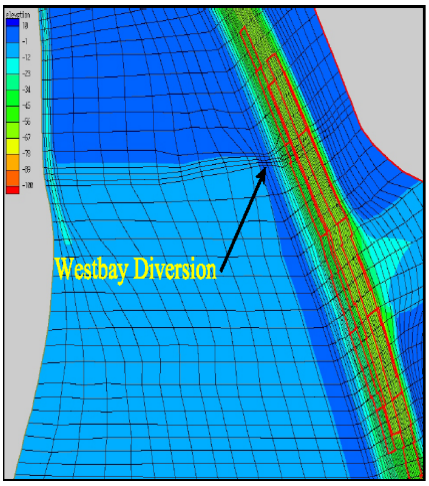
Design Efforts

- Field surveys
- Environmental benefits assessment
- NEPA Compliance through EIS/ROD
- Computer models to refine design and predict shoaling
- O&M Planning
- Relocation plan for oil pipeline
- CWPPRA design reviews

6

Hydraulic Modeling

- Determine project effects on Mississippi River
- Four model studies performed
- HEC-6 (1988)
- TABS (1992)
- CH3D-SED (2000)
- CH3D-SED (2001)



7

Oil Pipeline Relocation

- Chevron-Texaco relocated an 8” oil pipeline that runs parallel to the river
- Pipeline was directional drilled to a new depth of –150 ft to allow diverted water to pass safely
- Completed May 2003

Construction Photo: Foreshore Dike Removal

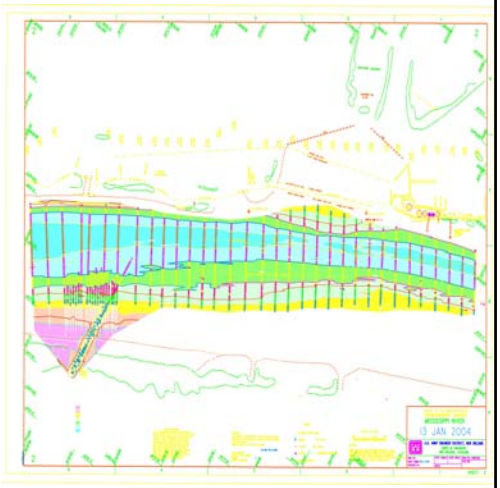
9

Marsh creation site
December 2003

Marsh creation site
March 2004

Project Performance

- River depth surveys
- Diversion channel dimension surveys
- Discharge volume measurements (max recorded flow is 51,270 cfs)
- Monitoring through bathymetry, vegetation and aerial photography
- No wetlands accreted to date although beneficial use has created 364 acres



15

Pilottown Anchorage Area

- USCG designated safe harbor outside of Federal maintained navigation channel
- Located along right descending bank of river from mile 1.5 to mile 6.7 Above Head of Passes
- Pre-construction agreement with river users called for maintaining certain depths to allow ship access and anchoring
- Project cost share agreement, approved budget and O&M Plan provide details on anchorage area maintenance requirements

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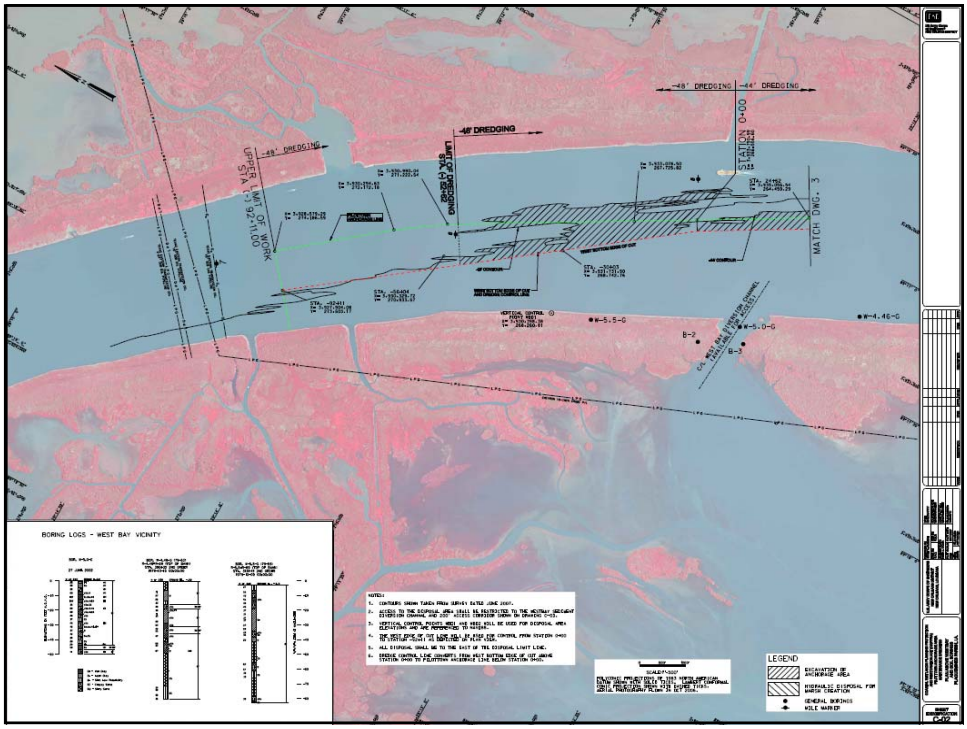
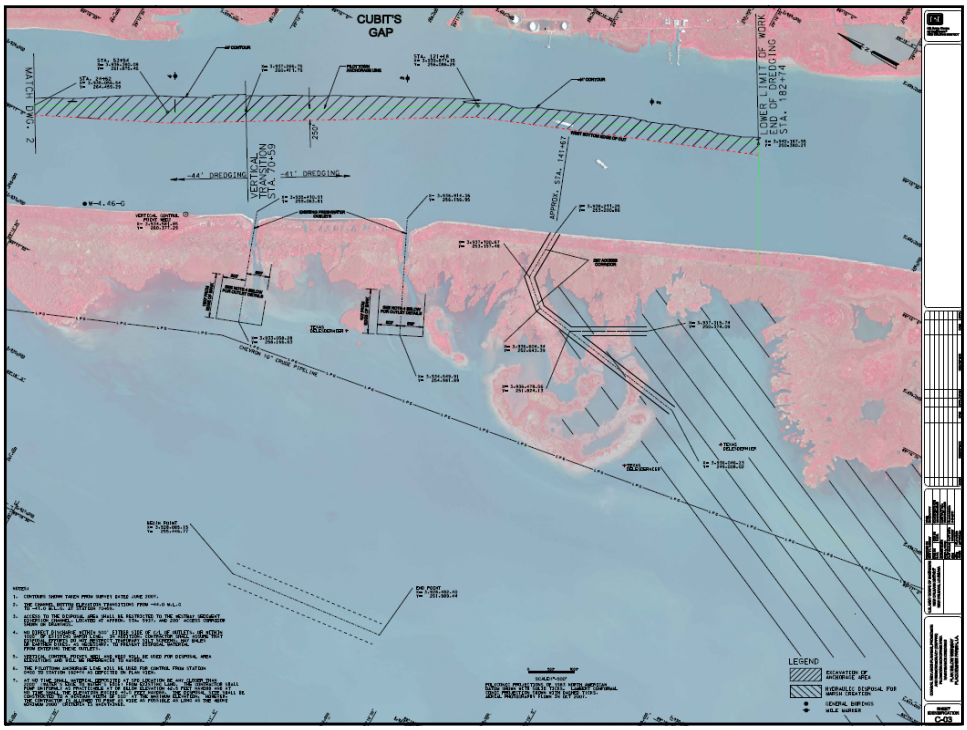

-48' DREDGING
-44' DREDGING
STATION 0+00
MATCH DWG. 3
UPPER LIMIT OF WORK
STA. (-) 92+100
BORING LOGS - WEST BAY VICINITY
LEGEND
EXCAVATION OF ANCHORAGE AREA
HYDRAULIC DISPOSAL FOR MARSH CREATION
GENERAL BORINGS
HOLE MARKER
C-02


CUBIT'S GAP
MATCH DWG. 2
VERTICAL TRANSITION STA. 70+99
-44' DREDGING
-41' DREDGING
LOWER LIMIT OF WORK
STA. 182+74
LEGEND
EXCAVATION OF ANCHORAGE AREA
HYDRAULIC DISPOSAL FOR MARSH CREATION
GENERAL BORINGS
HOLE MARKER
C-03

Dredging Volume

- Approved plan called for dredging approximately one million cubic yards every three years
- USACE has modified the plan to allow access to the deep draft anchorage – this was excluded from original approved O&M Plan and requires additional dredging
- Surveyed dredging requirements have been higher than anticipated especially in the reach below the diversion
- Maintenance event in 2006 following Katrina required removal of 1.4 million cubic yards
- Current estimated need is to remove 1.75 million cubic yards (based upon river surveys)

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Dredging Cost Increases

- Dredging volume required is higher than total modeled (+100k cy) and significantly more than approved budget (+750k cy)
- Higher costs for fuel, labor and steel pipe

2003	2006	2009
$2.84/cy	$5.22/cy	$9.69/cy

*includes mob and demob charges

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Current Funding Request

- Cash flow management basis with a three year budget request developed
- $5,954,262 remain in approved budget
- $16,952,812 total needed for dredging and other O&M activities over next three years
- Total request today is $10,998,550
- Total estimated fully funded cost for remainder of authorized project life is $140,764,667

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Project Closure Option

- Diversion can be closed in accordance with the O&M Plan
- Closing the diversion requires additional CWPPRA funds to restore pre-project conditions in the anchorage and to block off the diversion channel
- Preliminary cost estimate of approximately $9.2 million for the closure plus added cost of restoring the anchorage area depths

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List of Options

- ONE - Approve funds for the required maintenance cycle to maintain anchorage area depths
- TWO – Approve funds to close the diversion channel and restore anchorage area depths
- Option one carries future funding implications for continuing maintenance or project closure costs

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Summary

- Project is a first of its kind large-scale river diversion
- Designed to divert bedload sediment to build wetlands (previous diversions were freshwater only)
- Project has program support and involved extensive coordination for NEPA compliance and design review
- Providing valuable design, construction, and monitoring information critical to future coastal restoration plans
- Expensive but cost effective

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Questions and Discussion

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

REPLY TO ATTENTION OF

8 October 2008

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

Mr. Tom Holden, Chairman
Technical Committee, Louisiana Coastal Wetlands Planning, Protection and Restoration Act Program
U.S. Army Corps of Engineers
Post Office Box 60267
New Orleans, Louisiana 70160-0267

Dear Mr. Holden:

The U.S. Army Corps of Engineers (Corps) is requesting Louisiana Coastal Wetlands Conservation and Restoration Task Force (Task Force) approval to increase the Operations and Maintenance (O&M) budget in the amount of $118,451,908, and for incremental funding in the amount of $10,998,550 for the West Bay Sediment Diversion Project (MR-03), located in Plaquemines Parish, Louisiana.

The Task Force approved phased construction and O&M of the project in April 2002 at a fully funded cost estimate of $22,312,761, including: 1) initial construction of a 20,000 cubic feet per second (cfs) channel; 2) diversion channel enlargement to a 50,000 cfs diversion after monitoring to ensure channel stability and manageable shoaling impacts; 3) maintenance dredging, including advance dredging, in the Pilottown Anchorage Area (PAA); 4) Engineering Performance Monitoring; and 5) Biological Monitoring.

The Project completed construction in 2003 and one maintenance dredging event to restore the PAA in 2006. Engineering Performance and Biological Monitoring are being conducted. The diversion channel has not yet been enlarged to the 50,000 cfs capacity.

The Corps, in coordination with the Louisiana Office of Coastal Protection and Restoration, revised the O&M estimate for the remaining life of the project, including the cost to expand the diversion to 50,000 cfs. An economic analysis has been completed to provide a fully funded cost estimate for the remaining project life through 2023. The revised total fully funded cost estimate is $140,764,667, resulting in a total fully funded budget increase of $118,451,906. The budget increase is due to dredging cost increases related to fuel, labor and steel cost increases, and the quantity of material needing to be dredged from the PAA.

The estimated incremental cost of O&M for fiscal years 2009 through 2011, including one dredging event at the PAA, is $16,952,812. However, the remaining unobligated O&M budget is $5,954,262. Therefore, $10,998,550 in additional incremental funding is needed for O&M through 2011.

The requested budget increase would result in an increase in the cost per net acres, as indicated in the below table. Even though the requested budget increase and funding approval is significant and not within the range of typical Task Force funding requests, the diversion is still predicted to build approximately 9,831 net acres of fresh to intermediate marsh in West Bay over the 20-year project life, and the anticipated project cost to benefit ratio remains relatively low compared to other coastal restoration projects.

	Baseline Estimate Oct 1991	Current Approved Estimate January 2001	Revised Estimate (October 2008)	Percent Change from Baseline Oct 1991	Percent Change from Current January 2001
Fully Funded Cost	$8,517,066	$22,312,761	$140,764,667	1553%	531%
Net Acres	9831	9831	9831	0%	0%
Cost Per Acre	$866	$2,270	$14,318	1553%	531%

In addition to the estimated net acres that would result from the diversion channel, each O&M dredging event would create marsh in West Bay at a cost that is relatively equivalent to the cost of other marsh creation projects. To date, beneficial use of dredged material from dredging the PAA in 2003 and 2006 has created 361 acres of marsh in the project area. An additional estimated 1,656 acres of marsh would be created from the remaining six scheduled PAA maintenance events between 2009 and 2023. These marsh creation acres are not included in the projected net benefit acres or revised cost effectiveness.

Members of the CWPPRA Technical Committee have recently expressed concern regarding the estimated total project cost increase, and have requested that the Corps provide a cost estimate to close the diversion channel as a potential alternative to continuing long term maintenance in the PAA. A preliminary engineering evaluation resulted in three alternative plans to close the diversion, ranging in cost from $11.5 million to $15.6 million, including a 25% contingency.

The West Bay Sediment Diversion Project is the only constructed large scale sediment diversion in the lower Mississippi River. It represents an important coastal restoration effort for the CWPPRA program and the state of Louisiana because it will help to demonstrate the long term feasibility of other proposed and authorized large scale diversions based on the cost associated with adverse and beneficial impacts. We appreciate your consideration of all the contributing factors and prior commitments made in the decision to construct this project when considering this O&M budget increase and incremental funding request.

If you have any questions, please contact me at Melanie.L.Goodman@usace.army.mil, or 504-862-1940.

Sincerely,

Melanie Goodman
CWPPRA Program Manager

Enclosure

CWPPRA Project O&M Budget Increase Justification Package

Request for CWPPRA Project O&M Funding Increase
Project Costs and Benefits Reevaluation
Fact Sheet
October 3, 2008

Project Name: West Bay Sediment Diversion (MR-03)
PPL: 1
Federal Sponsor: USACE
Construction Completion Date: November 2003
Projected Project Close-out Date: November 2023
Project Description: Large-scale freshwater and sediment diversion channel from the Mississippi River, at Mile 4.7 above Head of Passes, into adjacent shallow water and marsh in West Bay, Plaquemines Parish, LA.

Construction changes from the approved project: The Task Force approved phased construction of the project in April 2002, including: 1) initial construction of a 20,000 cfs channel; 2) enlargement to a 50,000 cfs diversion after monitoring to ensure channel stability and manageable shoaling impacts; and 3) advance dredging in the Pilottown Anchorage Area (PAA) due to anticipated induced shoaling impacts caused by the diversion. The diversion channel has not yet been enlarged to the authorized 50,000 cfs capacity.

Explain why O&M funding increase is needed: The diversion project causes induced shoaling in the PAA. The Task Force approved the project for construction and 20 years of O&M with the understanding that maintaining pre-project contours in the PAA would be a project O&M requirement to mitigate for the impacts of the induced shoaling. The O&M funding increase is due to two factors: 1) the unit costs for dredging has increased substantially since the project was approved for construction due to labor, fuel and steel cost increases and 2) the quantity of material needing to be dredged from the PAA is substantially greater than what was budgeted for when the project was approved.

Detail O&M work conducted to date: One maintenance event to dredge the PAA was conducted in 2006. Dredged material was used beneficially to create 172 acres of marsh. Data is collected monthly as a part of O&M to monitor river flow, diversion cross section and diversion discharge rate.

Detail and date of next O&M work to be completed: Next major O&M event includes dredging 1,750,000 cubic yards of sediment from the PAA and is scheduled to be advertised as soon as additional needed funding is approved (November/December 2008). Dredged material will be used beneficially in the West Bay Project benefit area to create approximately 237 acres of marsh. On going data collection will continue.

Detail of future O&M work to be completed: Anticipate dredging a total of 12,250,000 cubic yards of sediment from the PAA between 2009 and 2023, or 1,750,000 cubic yards in each of six cycles in FY 09, FY 12, FY 14, FY 17, FY 20 and FY 23. Dredge material would be used beneficially for each event to create an estimated total of 1,656 additional acres of marsh, or 237 acres per cycle.

Originally approved fully funded project cost estimate:
Project estimate when approved on PPL 1 in **October 1991 = $8,517,066**.
Project estimate approved when construction approved **in Jan 2001 = $22,312,761**.

Originally approved O&M budget (Attachment 2):
O&M estimate when approved on PPL 1 in **October 1991 = $4,466,403**.
O&M estimate approved when construction approved in **Jan 2001 = $15,142,908**.

Total O&M obligations to date (Attachment 2): $9,188,646.

Remaining available O&M budget funds: $5,954,262

Current Incremental Funding Request: $10,998,550

Revised fully funded cost estimate (Attachment 1): $140,764,667

Total Project Life Budget Increase:
Increase from 1991 = $132,247,601
Increase from 2001 = $118,451,906

Requested revised fully funded O&M estimate (Attachments 1 and 2): $133,594,816

Percent total project cost increase of proposed revised budget over original budget:
Increase from 1991 = 1553%
Increase from 2001 = 531%

Original net benefits based on WVA prepared when project was approved: 9831 acres

Estimate of cumulative project wetland acres to date (from quantitative and/or qualitative analysis): There is no evidence that emergent marsh has developed as a result of the diversion. However, it is believed by various investigators that the receiving area bottom elevation has increased. 361 acres of marsh have been created from beneficial use of project construction and O&M dredge material.

Revised estimate of project benefits in net acres through 20 year project life based on the project with and without continued O&M (include description of method used to determine estimate): Currently, there is no anticipated change in estimated net benefits. The project is considered to be performing close to what was expected. Original project net benefits = 9,831 net acres of marsh. Benefits for marsh created from dredge material were not considered in the original project net benefits.

Original and revised cost effectiveness (cost/net acre) and percent change:
1991 Baseline CE = $866/acre
2001 Current CE = $2,270/acre
2008 Revised CE = $14,318/acre

Attachments:

1. **Revised O&M Budget Estimate Adjustment Summary Table**
2. **Revised Fully Funded O&M Increase Cost Estimate**
3. **West Bay Fully Funded Economic Analysis, Original Baseline**
4. **Project Performance Synopsis**
5. **West Bay Sediment Diversion Project Fact Sheet**
6. **West Bay Excerpts from from August 14, 2003, Task Force Meeting Minutes and Transcripts**
7. **West Bay Closure Plan Preliminary Evaluation**

CWPPRA Project O&M Budget Estimate Adjustment Summary Table

Project Name: **West Bay Sediment Diversion (MR-03)**
PPL: **1**
Project Sponsor: **USACOE**

Prepared By: **Melanie Goodman**
Date Prepared: **2-Oct-08**
Date Revised: **8-Oct-08**

	Approved Original Base Line				Obligations to Date				Proposed Revised Estimate and Schedule			
Year	FY	Fed S&A & Insp	Corps Admin	State O&M & Insp.	FY	Fed O&M, S&A, Insp	Corps Admin	State O&M & Insp.	FY	Fed O&M, S&A, Insp	Corps Admin	State O&M & Insp.
0	*1994*	*$0*			*2004*	*$1,252,434*		*$0*	*2004*	*$1,252,434*		*$0*
-1	*1995*				*2005*	*$175,590*		*$26,789*	*2005*	*$175,590*		*$26,789*
-2	*1996*				*2006*	*$7,475,963*		*$5,571*	*2006*	*$7,475,963*		*$5,571*
-3	*1997*				*2007*	*$77,070*		*$3,334*	*2007*	*$77,070*		*$3,334*
-4	*1998*	*$259,107*			**2008*	*$171,580*		*$315*	*2008*	*$132,811*		*$315*
-5	1999				2009				2009	$16,731,286	$1,261	$54,434
-6	2000				2010				2010	$77,716	$1,288	$3,050
-7	2001				2011				2011	$79,348	$1,315	$3,114
-8	2002				2012				2012	$25,296,288	$1,342	$57,936
-9	2003	$3,770,171			2013				2013	$82,554	$1,368	$3,240
-10	2004				2014				2014	$18,527,058	$1,396	$60,277
-11	2005				2015				2015	$85,888	$1,424	$3,370
-12	2006				2016				2016	$87,607	$1,452	$3,438
-13	2007				2017				2017	$19,661,062	$1,481	$63,966
-14	2008	$437,125			2018				2018	$91,146	$1,511	$3,577
-15	2009				2019				2019	$92,969	$1,541	$3,648
-16	2010				2020				2020	$20,864,477	$1,572	$67,881
-17	2011				2021				2021	$96,725	$1,603	$3,796
-18	2012				2022				2022	$98,660	$1,635	$3,872
-19	2013				2023				2023	$22,141,551	$2,779	$72,037
	Total	$4,466,403	$0	$0		$9,152,637	$0	$36,009		$133,128,203	$22,968	$443,645

SUMMARY:

Net Benefits:

Original Net Acres	Revised Net Acres
9831	9831

Approved O&M Budget vs Obligations to Date: Increment Years -0 through -4

2QWAA2	Approved Original O&M Baseline	O&M Obligations to Date	Difference
Fed S&A & Insp	$259,107	$9,152,637	($8,893,530)
Corps Admin	$0	$0	$0
State O&M & INS	$0	$36,009	($36,009)
Totals	$259,107	***$9,188,646***	($8,929,539)

Current Request:

Current Increment Funding Request Year	Current Funding Request Amount
Years -5, -6, -7	***$10,998,550***

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

	Total Approved Current O&M 10 Jan 2001	O&M Obligations to Date	Remaining Available O&M Budget
	$15,142,908	***$9,188,646***	***$5,954,262***

Current Approved vs Proposed Revised Fully Funded Estimates:

Approved Fully Funded Current Estimate 10 Jan 2002	Additional O&M funding required for remaining project life	Requested Revised Fully Funded Estimate **
$22,312,761	***$118,451,908***	***$140,764,667***

Total Approved Current Budget less Total Proposed Revised Budget

Funding Category	Current Total 10 Jan 2001	Proposed Revised Total	Difference
First Costs	$5,972,907	$5,972,907	$0
O&M	$15,142,908	$133,594,816	($118,451,908)
Monitoring	$1,196,946	$1,196,946	$0
**Total	***$22,312,761***	***$140,764,667***	($118,451,908)

Change in Total Cost and Cost Effectiveness:

	Current Fully Funded Cost Estimate % Change	Original Cost Effectivness	Revised Cost Effectiveness October 2008
1991	***1553%***	***$866***	***$14,318***
2001	***531%***	***$2,270***	***$14,318***

*Note: Obligations to Date, 2008 includes $38,769 in funds that will be deobligated

**Note: Proposed revised Total, $2.00 subtracted to adjust for rounding error

Coastal Wetlands Conservation and Restoration Plan
West Bay Sediment Diversion (MR-03)
PPL 1

Project Construction Years:	0	Total Project Years	20
Interest Rate	4.875%	Amortization Factor	0.07939
Fully Funded First Costs	$6,013,731	Total Fully Funded Costs	$140,764,667

Total Charges	Present Worth	Average Annual
First Costs	$0	$0
Monitoring	$1,017,731	$80,802
State O & M Costs	$236,259	$18,758
Other Federal Costs	$71,137,495	$5,647,913
Average Annual Cost	$5,747,472	$5,747,472
Average Annual Habitat Units	0	
Cost Per Habitat Unit	#DIV/0!	
Total Net Acres	0	

10/8/2008

All dates are in Federal Fiscal Years (October 1 to September 30)

Coastal Wetlands Conservation and Restoration Plan

West Bay Sediment Diversion (MR-03)

Project Costs $139,497,797 **PPL 1**

Year	Fiscal Year	E&D	Land Rights	Federal S&A	LDNR S&A	Corps Admin	Monitoring	S&I	Contingency	Construction Costs	Total First Cost
Phase I											
1	2003	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
0	2004	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
-1	2005	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
-2	2006	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
-3	2007	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	TOTAL	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Phase II											
1	2003	-	-	-	-	-	-	-	-	-	-
0	2004	-	-	-	-	-	-	-	-	-	-
-1	2005	-	-	-	-	-	-	-	-	-	-
-2	2006	-	-	-	-	-	-	-	-	-	-
-3	2007	-	-	-	-	-	-	-	-	-	-
	TOTAL	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total First Costs		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Year		FY	Monitoring	O&M & State Insp.	Corps Admin	Fed O&M
0	Discount	2004	$4,683.17	$0	$0	$1,252,433.78
-1	Discount	2005	$7,545.70	$26,788.72	$0	$175,590.44
-2	Discount	2006	$13,645.06	$5,571.46	$0	$7,475,963.46
-3	Discount	2007	$50,102.67	$3,334.46	$0	$77,070.20
-4	Discount	2008	$97,559.63	$315.04	$0	$132,811.23
-5	Discount	2009	$97,560	$52,900	$1,225	$16,259,753
-6	Discount	2010	$97,560	$2,900	$1,225	$73,900
-7	Discount	2011	$97,560	$2,900	$1,225	$73,900
-8	Discount	2012	$97,560	$52,900	$1,225	$23,097,481
-9	Discount	2013	$97,560	$2,900	$1,225	$73,900
-10	Discount	2014	$97,560	$52,900	$1,225	$16,259,753
-11	Discount	2015	$97,560	$2,900	$1,225	$73,900
-12	Discount	2016	$97,560	$2,900	$1,225	$73,900
-13	Discount	2017	$97,560	$52,900	$1,225	$16,259,753
-14	Discount	2018	$97,560	$2,900	$1,225	$73,900
-15	Discount	2019	$97,560	$2,900	$1,225	$73,900
-16	Discount	2020	$97,560	$52,900	$1,225	$16,259,753
-17	Discount	2021	$97,560	$2,900	$1,225	$73,900
-18	Discount	2022	$97,560	$2,900	$1,225	$73,900
-19	Discount	2023	$97,560	$52,900	$2,041	$16,259,753
	Total		$1,636,931	$379,510	$19,191	$114,175,215

10/8/2008

All dates are in Federal Fiscal Years (October 1 to September 30)

Coastal Wetlands Conservation and Restoration Plan

West Bay Sediment Diversion (MR-03)

PPL 1

Present Valued Costs Total Discounted Costs $72,391,485 Amortized Costs $5,747,472

Year		Fiscal Year	E&D	Land Rights	Federal S&A	LDNR S&A	Corps Admin	Monitoring	S&I	Contingency	Construction Costs	Total First Cost
Phase I												
1	1.049	2003	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
0	1.000	2004	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
-1	0.954	2005	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
-2	0.909	2006	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
-3	0.867	2007	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
		Total	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Phase II												
1	1.049	2003	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
0	1.000	2004	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
-1	0.954	2005	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
-2	0.909	2006	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
-3	0.867	2007	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
		Total	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total First Cost			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Year		FY	Monitoring	O&M & State Insp.	Corps Admin	Fed O&M
0	1.000	2004	$4,683.17	$0	$0	$1,252,433.78
-1	0.954	2005	$7,545.70	$26,788.72	$0	$175,590.44
-2	0.909	2006	$13,645.06	$5,571.46	$0	$7,475,963.46
-3	0.867	2007	$50,102.67	$3,334.46	$0	$77,070.20
-4	0.827	2008	$97,559.63	$315.04	$0	$132,811.23
-5	0.788	2009	$76,897	$41,696	$966	$12,816,047
-6	0.752	2010	$73,323	$2,180	$921	$55,541
-7	0.717	2011	$69,914	$2,078	$878	$52,959
-8	0.683	2012	$66,664	$36,148	$837	$15,782,974
-9	0.652	2013	$63,566	$1,890	$798	$48,150
-10	0.621	2014	$60,611	$32,865	$761	$10,101,694
-11	0.592	2015	$57,793	$1,718	$726	$43,778
-12	0.565	2016	$55,107	$1,638	$692	$41,743
-13	0.539	2017	$52,545	$28,492	$660	$8,757,462
-14	0.514	2018	$50,103	$1,489	$629	$37,952
-15	0.490	2019	$47,774	$1,420	$600	$36,188
-16	0.467	2020	$45,553	$24,700	$572	$7,592,108
-17	0.445	2021	$43,436	$1,291	$545	$32,902
-18	0.425	2022	$41,417	$1,231	$520	$31,372
-19	0.405	2023	$39,491	$21,414	$826	$6,581,827
		Total	$1,017,731	$236,259	$10,930	$71,126,565

10/8/2008

All dates are in Federal Fiscal Years (October 1 to September 30)

Coastal Wetlands Conservation and Restoration Plan

West Bay Sediment Diversion (MR-03)

PPL 1

Fully Funded Costs Total Fully Funded Costs $140,764,667 Amortized Costs $11,175,914

Year		Fiscal Year	E&D	Land Rights	Federal S&A	LDNR S&A	Corps Admin	Monitoring	S&I	Contingency	Construction Costs	Total First Cost
Phase I												
1	0.769	2003	$705,032.01	$265,032.25	$313,010.59	$143,447.61	$10,264.79	$24,891.51	$0.00	$0.00	$0.00	$1,461,678.76
0	0.787	2004	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
-1	0.848	2005	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
-2	0.904	2006	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
-3	0.953	2007	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
		TOTAL	$705,032.01	$265,032.25	$313,010.59	$143,447.61	$10,264.79	$24,891.51	$0.00	$0.00	$0.00	$1,461,678.76
Phase II												
1	0.769	2003	$0	$0	$0	$0	$0	15,932.82	36,910.71	$0	1,260,000.00	1,312,843.53
0	0.787	2004	$0	$0	$0	$0	$0	0.00	135,281.88	$0	3,103,927.16	3,239,209.04
-1	0.848	2005	$0	$0	$0	$0	$0	0.00	0.00	$0	0.00	0.00
-2	0.904	2006	$0	$0	$0	$0	$0	0.00	0.00	$0	0.00	0.00
-3	0.953	2007	$0	$0	$0	$0	$0	0.00	0.00	$0	0.00	0.00
		TOTAL	$0	$0	$0	$0	$0	15,932.82	172,192.59	$0	4,363,927.16	4,552,052.57
Total Cost			705,032.00	265,032.00	313,011.00	143,448.00	10,265.00	40,824.00	172,193.00	0.00	4,363,927.00	6,013,731.00

Year		FY	Fed Eng Monitoring	State Monitoring	O&M & State Insp.	Corps Admin	Fed O&M
0	0.7871	2004	$0	$4,683.17	$0	$0	$1,252,433.78
-1	0.8484	2005	$0	$7,545.70	$26,788.72	$0	$175,590.44
-2	0.9036	2006	$0	$13,645.06	$5,571.46	$0	$7,475,963.46
-3	0.9533	2007	$0	$50,102.67	$3,334.46	$0	$77,070.20
-4	1.0000	2008	$0	$97,559.63	$315.04	$0	$132,811.23
-5	1.0290	2009	$73,059	$65,505.00	$54,434	$1,261	$16,658,227
-6	1.0516	2010	$74,666	$65,505.00	$3,050	$1,288	$3,050
-7	1.0737	2011	$76,234	$65,505.00	$3,114	$1,315	$3,114
-8	1.0952	2012	$77,759	$65,505.00	$57,936	$1,342	$25,218,529
-9	1.1171	2013	$79,314	$65,505.00	$3,240	$1,368	$3,240
-10	1.1394	2014	$80,900	$65,505.00	$60,277	$1,396	$18,446,158
-11	1.1622	2015	$82,518	$65,505.00	$3,370	$1,424	$3,370
-12	1.1855	2016	$84,169	$65,505.00	$3,438	$1,452	$3,438
-13	1.2092	2017	$85,852	$65,505.00	$63,966	$1,481	$19,575,210
-14	1.2334	2018	$87,569	$65,505.00	$3,577	$1,511	$3,577
-15	1.2580	2019	$89,321	$65,505.00	$3,648	$1,541	$3,648
-16	1.2832	2020	$91,107	$65,505.00	$67,881	$1,572	$20,773,370
-17	1.3089	2021	$92,929	$65,505.00	$3,796	$1,603	$3,796
-18	1.3350	2022	$94,788	$65,505.00	$3,872	$1,635	$3,872
-19	1.3617	2023	$96,684	$65,514.00	$72,036	$2,779	$22,044,866
		Total	$1,266,869.95	$1,156,120.00	$443,643	$22,969	$131,861,334

	$8,517,066.00	Total Estimate (BASELINE), 31 Oct 1991	
	$22,312,761.00	Total Estimate (CURRENT), 10 Jan 2001	
	$140,764,667.00	Total Estimate (REVISED), 1 Oct 2008	
	$132,247,601.00	Increase from Baseline	1553%
	$118,451,906.00	Increase from Current	531%
=	$16,786,980.46		
=	$82,054.05		
=	$83,777.19		
	$16,952,811.71	3-year funding need	
	$5,954,262.15	Unobligated funds previously approved	
	$10,998,549.56	O & M 3-year FUNDING REQUEST	
		= $16,952,812 - $5,954,262	
	$4,466,403.00	O & M Estimate (BASELINE)	
	$15,142,908.00	O & M Estimate (CURRENT)	
	$133,594,815.95	O & M Estimate (PROPOSED REVISION)	
	$129,128,412.95	Increase from Baseline	2891%
	$118,451,907.95	Increase from Current	782%

10/8/2008

All dates are in Federal Fiscal Years (October 1 to September 30)

E&D and Construction Data

ESTIMATED CONSTRUCTION COST			**3,122,073**

TOTAL ESTIMATED PROJECT COSTS

PHASE I

Federal Costs			
Engineering and Design			$705,032
Engineering		$482,322	
Environmental		$195,539	
Economics		$11,871	
Contracting		$15,300	
Supervision and Administration			$313,011
Corps Administration			$10,265
State Costs			
Supervision and Administration			$143,448
Easements and Land Rights			$265,032
Monitoring			$0
Monitoring Plan Development	$0		
Monitoring Protocal Cost *	$0		
Total Phase I Cost Estimate			**$1,436,787**

** Monitoring Protocol requires a minimum of one year pre-construction monitoring at a specified cost based on project type and area.*

PHASE II

Federal Costs	
Estimated Construction Cost	$3,122,073
Relocations	$1,241,685
Supervision and Inspection	$156,364
State Costs	
Supervision and Administration	$15,999
Total Phase II Cost Estimate	**$4,536,120**

TOTAL ESTIMATED PROJECT FIRST COST	**5,972,907**

O&M Data

Annual Costs

	Federal	State	Total
Annual Inspections	$2,900	$2,900	$5,800
Annual Cost for Operations	$0	$0	$0
Preventive Maintenance	$0	$0	$0
0			$0

Specific Intermittent Costs:

Construction Items	**Year 5 (2009)**	**Year 8 (2012)**	**Year 10 (2014)**	**Year 13 (2017)**	**Year 16 (2020)**	**Year 19 (2023)**
Mobilization/Demobilization--Pilottown	$2,370,000	$2,370,000	$2,370,000	$2,370,000	$2,370,000	$2,370,000
Dredging - Pilottown Anchorage Area Above WB Diversion	$0	$0	$0	$0	$0	$0
First 300,000 CY	$1,830,000	$1,830,000	$1,830,000	$1,830,000	$1,830,000	$1,830,000
All over 300,000 CY	$904,500	$904,500	$904,500	$904,500	$904,500	$904,500
Dredging - Pilottown Anchorage Area Below WB Diversion	$0	$0	$0	$0	$0	$0
First 900,000 CY	$5,166,000	$5,166,000	$5,166,000	$5,166,000	$5,166,000	$5,166,000
All over 900,000 CY	$2,288,000	$2,288,000	$2,288,000	$2,288,000	$2,288,000	$2,288,000
Diversion Enlargement to 50,000 cfs	$0	$0	$0	$0	$0	$0
Mobilization/Demobilization	$0	$1,572,000	$0	$0	$0	$0
Dredging:	$0	$3,600,000	$0	$0	$0	$0
Clearing and Grubbing	$0	$28,000	$0	$0	$0	$0
Subtotal	$12,558,500	$17,758,500	$12,558,500	$12,558,500	$12,558,500	$12,558,500
Subtotal w/ 25% contin.	**$15,698,125**	**$22,198,125**	**$15,698,125**	**$15,698,125**	**$15,698,125**	**$15,698,125**

Engineer, Design & Administrative Costs						
Engineering and Design Cost	$0	$0	$0	$0	$0	$0
Administrative Cost	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000
Monitoring	$0	$0	$0	$0	$0	$0
Subtotal	**$50,000**	**$50,000**	**$50,000**	**$50,000**	**$50,000**	**$50,000**

Federal S&A

S&A Engineering and Design Cost	$150,000	$250,000	$150,000	$150,000	$150,000	$150,000
Administrative Cost	$150,000	$200,000	$150,000	$150,000	$150,000	$150,000
	$0	$0	$0	$0	$0	$0
Eng Survey	$0	$0	$0	$0	$0	$0
Pilottown Anchorage	$13,728	$13,728	$13,728	$13,728	$13,728	$13,728
Diversion Enlargement	$0	$13,728	$0	$0	$0	$0
Inspection	$0	$0	$0	$0	$0	$0
Pilottown Anchorage	$174,000	$174,000	$174,000	$174,000	$174,000	$174,000
Diversion Enlargement	$0	$174,000	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0
Engineering Monitoring	$0	$0	$0	$0	$0	$0
Data Collection, Mgmt, Gages	$71,000	$71,000	$71,000	$71,000	$71,000	$71,000
Subtotal	**$558,728**	**$896,456**	**$558,728**	**$558,728**	**$558,728**	**$558,728**
Total	**$16,306,853**	**$23,144,581**	**$16,306,853**	**$16,306,853**	**$16,306,853**	**$16,306,853**

Annual Project Costs:

Corps Administration	$1,225	**annually,**	**plus**	**$816**	**in year 20**
Monitoring	$65,505				

Construction Schedule:

		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Plan & Design Start	August-08	0	0	0	0	0	0	0	0	0	0
Plan & Design End	August-08										
Const. Start	August-08										
Const. End	August-08	0	0	0	0	0	0	0	0	0	0

CWPPRA WEST BAY 2000 3-D model vrs 2001 budget approval and FY 09 Bubdget Increase request
Exclude rm 4 to 5.8

Anchorage Area	250 ft wide	less 4 to 5.8	RM 4 - 5.8	Access Area	Access	less 4 to 5.8	RM 4 - 5.8
1.5 to 2	6,300	6,300		1.5 to 2	25,400	25,400	
2 to 3	20,550	20,550		2 to 3	86,600	86,600	
3 to 4	33,850	33,850		3 to 4	96,100	96,100	
4 to 5	45,050	-	45,050	4 to 5	105,600	-	105,600
5 to 6	31,750	6,668	25,083	5 to 6	44,500	9,345	35,155
6 to 6.7	19,400	19,400		6 to 6.7	35,000	35,000	
	156,900	86,768	70,133		393,200	252,445	140,755

339,213 1. Average annual induced shoaling in cu. yds for 250 ft wide anchorage area and access area less quantities for river miles 4 to 5.8
1,017,638 2, Three years of shoaling based on 1 above
210,888 3. Average annual induced shoaling in cy for 250 ft wide anchorage and access area in RM 4 - 5.8
632,663 4. Three years of shaoling based on 3 above

	2000 3-D model			2001 Budget Request			2008 Budget Reqeust		
	Below RM 4.7	Above RM 4.7	TOTAL	Below RM 4.7	Above RM 4.7	TOTAL	Below RM 4.7	Above RM 4.7	TOTAL
Anchorage cy/year	92,235	64,665	156,900	60,700	26,068	86,768			
Access cy/year	282,020	111,180	393,200	208,100	44,345	252,445			
total cy/year	374,255	175,845	550,100	268,800	70,413	339,213			
cy/3 years	1,122,765	527,535	1,650,300	806,400	211,238	1,017,638	1,300,000	450,000	1,750,000

6 Percent volume increase, current FY 2009 estimate compared to 3-D Model
72 Percent volume increase, current FY 2009 estimate compared to 2001 budget request

Request for CWPPRA Project O&M Funding Increase
Project Performance Synopsis
October 3, 2008

West Bay Sediment Diversion (MR-03)

Project Description

The project consists of a conveyance channel for the large-scale diversion of freshwater and sediments from the Mississippi River into adjacent coastal wetlands and shallow bay waters in Plaquemines Parish, Louisiana. Staged construction is being employed to implement the project in two phases: (1) building an initial diversion channel with the capacity for an average discharge of 20,000 cubic feet per second (cfs); and (2) after a period of intensive monitoring, enlargement of the diversion channel up to 50,000 cfs average discharge capacity.

Over the twenty year life of the project 9,831 acres of coastal wetlands are expected to accrete from the diversion and deposition of river sediments. The project's design discharge volumes are based upon a 50% duration stage of the Mississippi River and are intended to achieve the project's wetland restoration objectives.

Construction History

In April 2002 the Task Force approved construction and operations and maintenance (O&M) of the project at a fully funded price of $22,306,712. This estimated cost was higher than the initial 1st Priority Project List estimate due to the inclusion of costs for maintaining the existing depths in the river's Pilottown Anchorage Area. In accordance with an agreement reached with navigation user groups – key project partners with the U.S. Army Corps of Engineers and the State of Louisiana – the CWPPRA program agreed to fund the costs of maintenance dredging in the anchorage because of the shoaling impacts of the project. The agreement included a requirement that all maintenance dredged material removed would be used beneficially in the project area. At the time of construction approval, the sponsors informed the Task Force that additional O&M dollars would be required once a consistent schedule and volume estimates were established for the maintenance dredging work. A cost share agreement between the State of Louisiana and the U.S. Army Corps of Engineers was signed in August 2002.

Chevron-Texaco Corporation relocated a major oil pipeline in May 2003 under a reimbursable construction agreement with the U.S. Army Corps of Engineers. The pipeline crossed a portion of the area near the mouth of the diversion channel in West Bay and it was lowered for safety and environmental protection purposes. Using directional drilling technology, the pipeline was lowered to -150 ft below the mud line allowing the diversion channel to pass safely over the buried line.

A contract was advertised in June 2003 and construction bids were received in August 2003. The initial 20,000 cfs diversion channel was constructed during the fall of 2003. Great Lakes Dredge and Dock Company used the hydraulic cutterhead dredge *California* to dig the diversion channel through the west bank of the Mississippi River at mile 4.7 Above Head of Passes on the

right descending river bank. All of the material from the construction of the initial channel was used beneficially to create 189 acres of marsh in the diversion outfall area in West Bay. Dredging was completed in November 2003 and the marsh creation sites were more than 70% vegetated by March 2004.

Diversion Project Performance

Flow measurements taken in May 2008 recorded a river discharge of 51,270 cfs flowing through the project diversion channel. Over the past five years of operation the diversion project discharge has averaged 19,336 cfs. Initial construction of the project was designed to allow the discharge of 20,000 cfs at the 50% duration stage of the Mississippi River. Discharge measurements are taken roughly monthly using an acoustic Doppler current profiler as part of project surveillance and performance monitoring plan. Weather impacts and equipment calibration have occasionally resulted in missing scheduled sampling periods. In addition, sampling was suspended for five months in the aftermath of Hurricane Katrina. The random nature of the recorded samples limits the statistical validity of the collected data and cost factors have prevented the team from employing continuous recording equipment. Although the computed average discharge is slightly below the design volume, the project coordination team is satisfied that the diversion is moving water into the outfall area as designed.

At this point there is no evidence in the project area of subaerial marsh accretion from the deposition of diverted river sediment. Original design calculations and benefit estimates predicted a period of 3-5 years of project operation would be required before wetland accretion would begin. The project just completed passage of the fifth high water event since construction. Research conducted by a Louisiana State University (LSU) graduate student over a two-year period from March 2004 to April 2006 documented 2.9 million tons of annual sediment deposition in West Bay (Andrus, 2008). Post-Hurricane Katrina surveys found that West Bay was deepened by passage of the storm erasing the equivalent of one year of sediment deposition that had occurred since construction. This work also theorizes that a flow through channel is developing in the bay allowing diverted sediment to pass through the system with only limited deposition. In addition, without increasing sediment deposition the research predicts that it could take up to 70 years to achieve the predicted project benefits. At the time of this report team members from the Department of Natural Resources and New Orleans District have not fully evaluated the research or met to discuss potential project modifications to address the research data implications.

Modifying the project to reduce the velocity of diverted water entering West Bay might increase the deposition and retention of sediment in the project area. During project planning and design a number of features were considered that would help maintain and improve project performance such as increasing the diversion discharge volume, installing sediment retention enhancement devices, building marsh terraces in the outfall area, and dredging bi-furcation channels to maintain hydraulic efficiency in outfall area sub-channels. None of these actions have been pursued but the team would like to evaluate these and other options to improve project performance.

Project Operation and Maintenance

The diversion of river water induces shoaling in the Federal navigation channel of the Mississippi River and in the Pilottown Anchorage Area located along the right descending bank of the river. Channel shoaling occurs as a result of decreasing the rate of river flow below the diversion causing a reduction in the sediment carrying capacity of the river. Maintenance dredging of the Federal navigation channel is accomplished under the U.S. Army Corps of Engineers' ongoing Operations and Maintenance Program for the river, but additional dredging of the anchorage area is a cost incurred by the CWPPRA project. Operation of the project in this manner was approved by the Task Force and is detailed in the cost share agreement executed between the U.S. Army Corps of Engineers and the State of Louisiana. The anchorage area is not a maintained feature of the navigation project but is a Coast Guard designated safe anchorage area that is important to operators of vessels on the river. The dredged material removed from the anchorage area is used to create wetlands in the West Bay diversion outfall area.

Computer modeling was used in the design phase to predict the volume and location of shoaling in the navigation channel and adjacent anchorage area in the vicinity of the West Bay Diversion. Results from a CH3D-SED model completed in 2000 showed an estimated shoaling rate of 700,000 – 925,000 cubic yards per year in the anchorage area attributable to the diversion channel. The approved cost estimate for the project incorporated earlier computer model results to account for the funds needed to perform maintenance dredging in the anchorage area. It should be noted that at the time of construction approval the project sponsors notified the Task Force that additional dollars may be required for maintenance dredging the anchorage area.

In 2006, the USACE performed maintenance dredging in the Pilottown Anchorage Area to remove induced shoal material in accordance with the project operations and maintenance plan (this dredging event had been scheduled for 2005 but was delayed due to Hurricane Katrina). Sediment from the dredging operation was used beneficially for marsh creation in West Bay. The dredging event was performed using a hopper dredge linked to a hydraulic pump out system - a first of its kind use of this technology in Louisiana wetlands restoration efforts. To date approximately 361 acres of marsh have been created through the beneficial use of dredged material from the channel construction (189 ac & 172 ac) and maintaining the anchorage area.

Monitoring for the project is focused on documenting project performance linked to the project goals and a surveillance effort conducted to ensure safe project operation. Traditional project monitoring has included pre-construction surveys and aerial photography to establish baseline conditions. Post-construction vegetation surveys highlighted the rapid colonization and coverage of the beneficial use marsh creation sites. Aerial overflights and field inspections following Hurricane Katrina showed some edge erosion and matting of vegetation at the construction beneficial use marsh creation sites. However, follow-up field visits in 2006 documented robust recovery of the vegetation on the marsh creation site.

Cost and Benefit Considerations

Project costs have increased throughout the planning, construction, and operations stages. To date, $15,293,795 has been spent to plan, design, construct and operate the project. Beneficial

use of dredged material has resulted in the creation of 361 acres of new wetlands at cost of $42,016 per acre (cost per acre includes design, monitoring, pipeline relocation etc – we should factor out those costs and see the true cost per acre). This cost per acre is in line with the average for other recently approved or constructed CWPPRA dedicated dredging projects.

In 2003, the project construction contract (including the diversion channel and anchorage area advanced maintenance dredging) covered the dredging of 1.08 million cubic yards of material at a cost of $3,071,358. This equates to a cost of $2.84 per cubic yard of material dredged. The initial construction contract included rock removal along the bank and clearing and grubbing of the site. In 2006, maintenance dredging was performed in the anchorage area removing 1,398,000 cubic yards of material at cost of $7,292,671. This equates to a cost of $5.22 per cubic yard. This work was performed using a hopper dredged linked up to a pump out system and the work was performed post-Katrina.

The Corps of Engineers has estimated the cost of dredging the next anchorage maintenance cycle in 2009 to remove 1.75 million cubic yards of material at an estimated cost of $16,786,981 (includes 25% contingency and mobilization and demobilization). This equates to a cost of $9.59 per cubic yard resulting in a 238% increase in the cost of dredging in five years. Dredging cost increases are associated with significant spikes in the cost of fuel, labor, and steel. A revised total fully funded cost estimate for the project is $140,764,667 or 531% higher than the current cost estimate approved in 2002. The cost per acre benefited has risen from $2,270 per acre to $14,318 per acre. The current costs were developed by the New Orleans District Engineering Division and provided to the CWPPRA Engineering Workgroup.

The cost increase would provide funds for a needed maintenance dredging cycle and three years of other O&M expenses such as channel monitoring and biological monitoring. The dredging expense represents the highest recurring O&M cost with cycles required approximately every 2-3 years over the remaining "life of the project." The team has engaged the other CWPPRA partner agencies and provided updates to representatives of the navigation industry. If the required O&M dollars are not approved the Corps of Engineers may have to act to close the diversion project in accordance with pre-construction agreements between the State of Louisiana and the navigation interests. Closing the diversion would also require significant costs subject to the approval of the CWPPRA program.

Summary

West Bay is the largest freshwater and sediment diversion project built in Louisiana. Authorized on the 1st Priority Project List, it took twelve years to design and construct the diversion. This implementation period exceeds the time required to build most other CWPPRA restoration projects. However, when compared to other big freshwater diversion projects such as Caernarvon (26 years) and Davis Pond (32 years), the West Bay implementation timeframe highlights the ability of the CWPPRA program to move projects to construction faster than many other Federal programs. The project represents a significant investment of the CWPPRA program in using the Mississippi River as a key tool for coastal restoration.

Planning the West Bay Diversion project exemplified many of the challenges that have to be overcome in constructing large coastal restoration projects in Louisiana. These include land rights, infrastructure obstacles, modeling, safety planning, impacts to other water resource projects, and operations and maintenance challenges. In some sense, West Bay should be viewed as a relatively easy diversion to implement because it did not have to deal with factors such as levees, highways, power lines, communities, oyster leases, or any other obstacles that would be encountered when planning diversions located above Venice. The lessons learned in planning and constructing the project should be applied to other projects in CWPPRA and LCA.

At this point there is no evidence in the project area of marsh accretion from the deposition of diverted river sediment. Limited field study in the project area by researchers from Tulane and LSU indicates that Hurricane Katrina may have removed some of the sediment deposition because the area has shown increased water depths at sites surveyed since the storm. Some researchers and members of the project coordination team have suggested strategically placing material from the next anchorage area maintenance dredging event in a pattern intended to promote sediment deposition and retention.

All of the material dredged during the construction of the project (1.08 million cubic yards) and the first anchorage area maintenance dredging cycle (1.39 million cubic yards) has been used beneficially for marsh creation in West Bay. To date more than 361 acres of wetlands have been created with this material. The first anchorage area maintenance dredging event was performed using a hopper dredge linked to a pump out system - a first of its kind use of this technology in Louisiana for wetlands restoration. As a result, the West Bay project helped to again expand the tools available for coastal restoration through the innovative application of technology.

Operations and maintenance costs for the West Bay project are significantly higher than the amounts originally approved. On a cost per cubic yard basis, projected maintenance dredging costs have risen 238% since the construction of the project. Project cost increases for O&M dredging are directly related to higher prices for fuel, labor, steel pipe, and other factors such as plant ownership.

The West Bay project represents a workable balance between continuing the economic benefits of navigation commerce and the use of the river as a tool for restoring coastal wetlands in Louisiana. Industry representatives have long supported the project in return for a commitment from the Breaux Act Program to maintain pre-project depths in the important Pilottown Anchorage Area. This agreement also carries stipulations that the project be closed if the dredging requirements are not maintained. Leaders of the program face a choice in allocating the funds required to dredge the anchorage or determining that the largest river diversion project in the state should be closed due to higher than anticipated costs.

Gregory Miller
Senior Project Manager
New Orleans District
October 2008

BREAUX ACT
COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

August 14, 2003, 9:30 A.M.
District Assembly Room A
New Orleans District
U.S. Army Corps of Engineers
7400 Leake Avenue
New Orleans, Louisiana 70118

EXCERPTS ON WEST BAY DIVERSION

COL. ROWAN:
All right. Motion is approved. Thank you. Next one is a status report, Item Number 14, West Bay Sediment Diversion. Mr. Miller, you may need to get yourself a microphone so that people can hear you.

MR. GREG MILLER:
I like to be able to talk louder. Let me know if you can't hear me. I'm here today to bring some very, very good news from the past year, and that is, on Monday of this week, we closed bids for the construction of the West Bay Project. We had a very, very competitive bid environment. Four bids came in, all within the government estimate range. We anticipate making an award for the construction of the project in the very near future, and expect to be actually out working on the West Bay site at the end of this month or at the very beginning of September.

COL. ROWAN:
All right. I would like, having sat in on a couple of these meetings, thank the project manager for going into the lion's den, which is the navigation and shipping industry and pilots, and answering their concerns, because we are tinkering with what they view as

their river, doing this. And it's just like everyone else said, its livelihood as well as ecology that the Mississippi as a venue of commerce puts 500 Million, half a Billion tons of cargo through the ports of New Orleans and South Louisiana every year. And so, when you're talking about tinkering with that down in that area, they are very sensitive. And Greg did a wonderful job, not only with a highly technical subject, but one that had a lot of emotions wrapped up with it, and through that, was able to get their buy in on doing this project, and remove any of the objections that they had. And he is to be congratulated for that.

SECRETARY CALDWELL:
Colonel, as you know, this is on Priority List One, and I think this is the last project on Priority List One. And I want the public to know the reason, the principal reason, why it's been so long is the legal issues that, for many years, nobody was willing to tackle. But you finally developed a legal department that I want to commend for grasping the nettle, and for making realistic decisions for challenging and novel legal issues presented in the West Bay Project. And so, we are thrilled to death that we are going forward with this extremely valuable project. This is going to be one of the most cost-effective projects we have ever built.

MR. MILLER:
Colonel, I want to point out a couple of other things. We're going to change our cost-effectiveness just slightly. We do have an estimate that is higher than what was approved by the Task Force last year. At this point in time, we are not coming to the Task Force and asking for approval of that estimate. The reason that the cost estimate is up specifically what you referred to. We have met extensively with the navigational

industry and have made some commitments to insure that navigation safety will not be affected by the project. There are some higher costs associated with doing that type of surveillance work on the River. There have been some delays in construction that have had some inflation impacts on our cost estimates. What we'd like to do, is to merge to a system of cash flow and then we do have a current estimate, but we do not need that money right now, for the construction of the project or to operate it for the foreseeable future. If at any time in the future, and we do have a need for additional funds, suggesting that we will come to the Task Force, present that information, and ask for those funds to be approved at that time.

COL. ROWAN:
What's the current contingency within the estimate right now?

MR. MILLER:
Twenty-five percent.

COL. ROWAN:
Any discussion, then? I don't think there's necessarily a motion at this time in front of me. Just any additional discussion of what you'd like to see come back from the project team to the Task Force on this. Okay. Any other discussion on West Bay? All right. Thank you. Right now, do we have an outreach report? You do not look like Gabrielle.

BREAUX ACT
Coastal Wetlands Planning, Protection and Restoration Act

TASK FORCE MEETING
August 14, 2003

Minutes

EXCERPTS ON WEST BAY

B. Report: Status of the West Bay Sediment Diversion (MR-03).

Mr. Greg Miller gave a report on the West Bay Sediment Diversion project. It will be awarded for construction within a month. The estimate is higher than was requested for approval; however, the Corps is not coming to the Task Force and asking for approval of that estimate. Project commitments were made to protect navigation and there are higher costs related to required surveillance. If at any time in the future, the Corps has a need for additional funds, funding approval will be requested at that time.

Discussion: Colonel Rowan said that navigation interests are concerned with modifying the river. He also stated that Mr. Miller had done a good job getting buy-in from navigation interests. Sec. Caldwell said that this is the last project on Priority List One. He commended the legal department for dealing with the legal issues. This will be the most cost effective project ever built.

CWPPRA West Bay Diversion Sediment Diversion (MR-03)
Closure Plan
Preliminary Evaluation
October 3, 2008

The following alternatives evaluation was prepared for the CWPPRA Technical Committee to provide supporting information to use while considering a significant O&M budget increase for the West Bay Sediment Diversion Project. This evaluation does not constitute final plans and specifications or official government estimate to close the diversion project.

Evaluation of a closure structure for the existing West Bay diversion resulted in 3 alternative designs which could be potentially considered. Two of these alternatives required a hydraulically dredged in earthen closure structure on different alignments. Both consider a 200' crown with assumed 1V on 25H side slopes. Either earthen alternative would need to be constructed during low water to minimize losses during construction due to velocities through the diversion channel.

Alternative 1 is offset behind the existing scour hole, tying into existing marsh both upstream and downstream of the diversion (approximately 2,500' in length). Neat line quantity to construct is approximately 1,100,000 cubic yards. This quantity will be increased 50% to account for losses during pumping, yielding approximately 1,700,000 yards of required material. The existing scour hole, which is located riverside of the proposed alignment, will fill in naturally upon completion of the proposed closure structure.

The alignment for alternative 2 is directly across the diversion channel, and will result in immediately filling the existing scour hole and reestablishing the configuration of the existing bankline. This alignment will result in a slightly higher borrow requirement, and is potentially subject to more direct current attack/erosion from flow in the main channel. While the closure location is significantly deeper than the first alignment, the linear footage of required closure from bank to bank is much shorter (approximately 600'). Approximate neat line fill quantity to construct is 1,300,000 cubic yards. Increasing by 50% for losses yields approximately 2,000,000 yards of required material.

The stone closure alternative mimics the closure previously constructed at Burrwood Bayou off of Southwest pass. The closure alignment will be similar to that of the first earthen alternative, resulting in approximately 2,500 linear feet of stone dike. The dike will be constructed with a 10' crown width and approximate 1V on 2H side slopes. 25% allowances will be included for potential dike settlement. Geotechnical analysis will be required to design stability berms to assure structure stability. As the water depths are similar to the Burrwood closure site, the typical sections used in that design will be quantified for this cost quantity/cost estimate. Based on that criterion, approximately 130,000 ton of 2200# armor stone will be required along with approximately 25,000 tons of crushed bedding stone. 8,000 tons of bank paving will be placed on each end of the closure to reduce the potential for flanking of the structure.

SECTION 00010 - BIDDING SCHEDULE

VICINITY OF VENICE
CWPPRA – WEST BAY SEDIMENT DIVERSION
20,000 CFS SEDIMENT DIVERSION
EARTHEN CLOSURE - Alt 1
PLAQUEMINES PARISH, LA.

Item	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
0001	Mobilization and Demobilization	1	LS		2,000,000
0002	DREDGING	1,700,000	CY	5.25	8,925,000
		TOTAL			$11,925,000

Award will be made as a whole to one bidder.

NOTE 1: Bidders shall furnish unit prices for each item listed in the Schedule requiring a unit price. If the bidder fails to insert a unit price in the appropriate blank for required item(s), but does furnish an extended total, or an estimated amount for such item(s), the Government shall deem the unit price to be the quotient obtained by dividing the extended amount for that line item by the quantity. IF A BIDDER OMITS BOTH THE UNIT PRICE AND THE EXTENDED TOTAL OR ESTIMATED AMOUNT FOR ANY ITEM, ITS BID SHALL BE DECLARED NON-RESPONSIVE AND THEREFORE INELIGIBLE FOR AWARD.

NOTE 2: Any bid may be rejected if the Contracting Officer determines in writing that it is unreasonable as to price. Unreasonableness of price includes not only total price of bid, but the price for individual line items as well. Any bid may be rejected if the prices for any line items or sub line items are materially unbalanced (See FAR 14.404-2).

NOTE 3: THE NOTICE TO PROCEED (NTP): The successful bidder is advised that performance and payment bonds shall be submitted in accordance with the time frame in block 12B of SF 1442 after Notice of Award. The NTP will be issued immediately after verification of acceptable performance and payment bonds. Within seven (7) days after issuance of the NTP, the Contractor shall initiate a meeting to discuss the submittal process with the Area or Resident Engineer or his authorized representative. Physical work cannot start until the Accident Prevention Program, Contractor Quality Control Plan, and other submittals which may be required, have been submitted and approved and all preliminary meetings called for under the contract, have been conducted.

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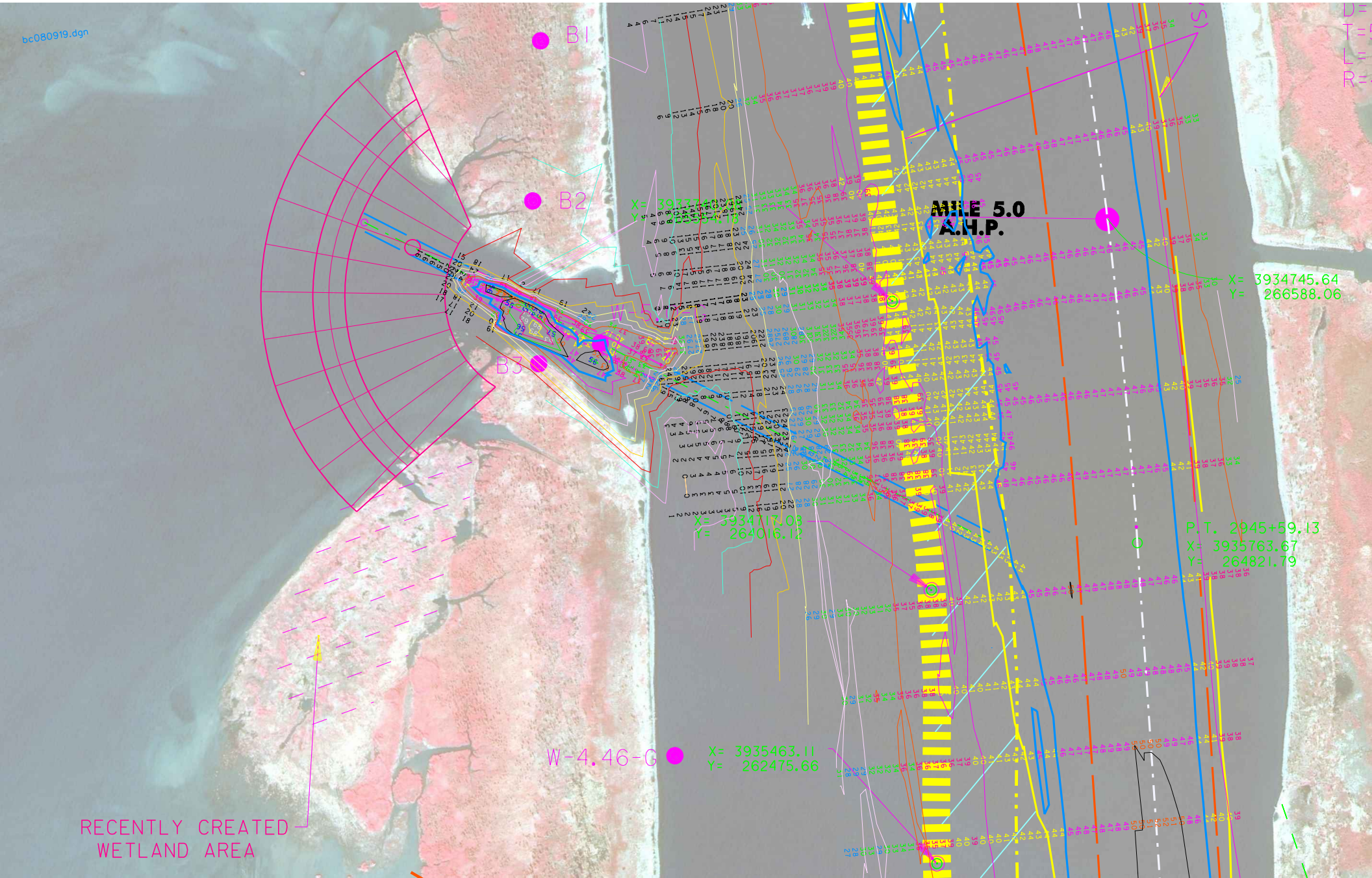
Alternative 2



SECTION 00010 - BIDDING SCHEDULE

VICINITY OF VENICE
CWPPRA – WEST BAY SEDIMENT DIVERSION
20,000 CFS SEDIMENT DIVERSION
EARTHEN CLOSURE – Alt 2
PLAQUEMINES PARISH, LA.

Item	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
0001	Mobilization and Demobilization	1	LS		2,000,000
0002	DREDGING	2,000,000	CY	5.25	10,500,000
		TOTAL			$12,500,000

Award will be made as a whole to one bidder.

NOTE 1: Bidders shall furnish unit prices for each item listed in the Schedule requiring a unit price. If the bidder fails to insert a unit price in the appropriate blank for required item(s), but does furnish an extended total, or an estimated amount for such item(s), the Government shall deem the unit price to be the quotient obtained by dividing the extended amount for that line item by the quantity. IF A BIDDER OMITS BOTH THE UNIT PRICE AND THE EXTENDED TOTAL OR ESTIMATED AMOUNT FOR ANY ITEM, ITS BID SHALL BE DECLARED NON-RESPONSIVE AND THEREFORE INELIGIBLE FOR AWARD.

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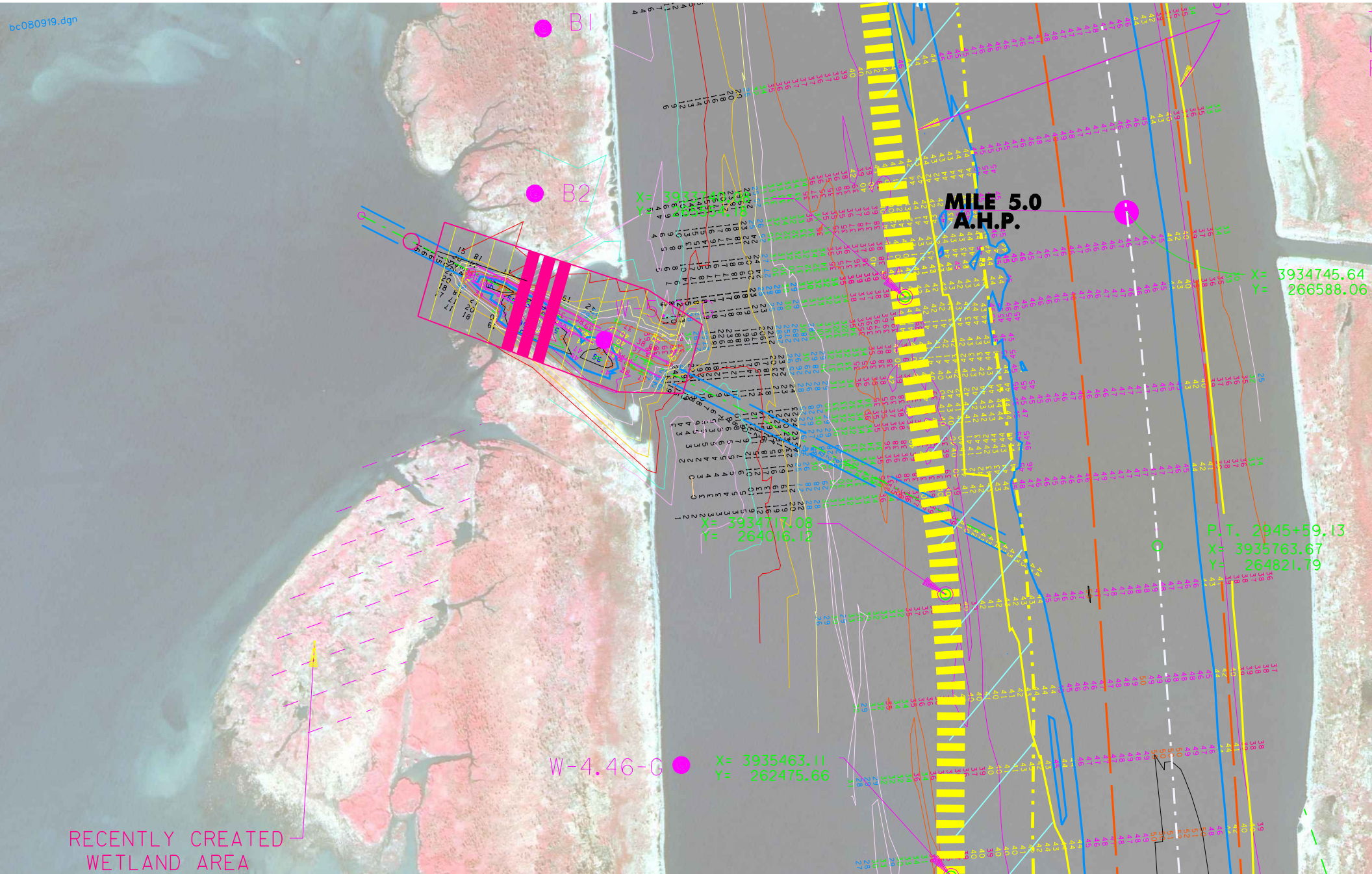
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B2
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Y= 264016.12
P.T. 2945+59.13
X= 3935763.67
Y= 264821.79
W-4.46-G
X= 3935463.11
Y= 262475.66
RECENTLY CREATED
WETLAND AREA

SECTION 00010 - BIDDING SCHEDULE

VICINITY OF VENICE
CWPPRA – WEST BAY SEDIMENT DIVERSION
20,000 CFS SEDIMENT DIVERSION
STONE CLOSURE Alt - 3
PLAQUEMINES PARISH, LA.

Item	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
0001	Mobilization and Demobilization	1	LS		150,000
0002	Flotation Access	1	LS		200,000
0003	BEDDING STONE	25,000	TON	50.00	1,250,000
0004	Closure Stone	130,000	TON	55.00	7,150,000
0005	Bank Paving	8,000	TON	55.00	440,000
		TOTAL			$9,190,000

Award will be made as a whole to one bidder.

NOTE 1: Bidders shall furnish unit prices for each item listed in the Schedule requiring a unit price. If the bidder fails to insert a unit price in the appropriate blank for required item(s), but does furnish an extended total, or an estimated amount for such item(s), the Government shall deem the unit price to be the quotient obtained by dividing the extended amount for that line item by the quantity. IF A BIDDER OMITS BOTH THE UNIT PRICE AND THE EXTENDED TOTAL OR ESTIMATED AMOUNT FOR ANY ITEM, ITS BID SHALL BE DECLARED NON-RESPONSIVE AND THEREFORE INELIGIBLE FOR AWARD.

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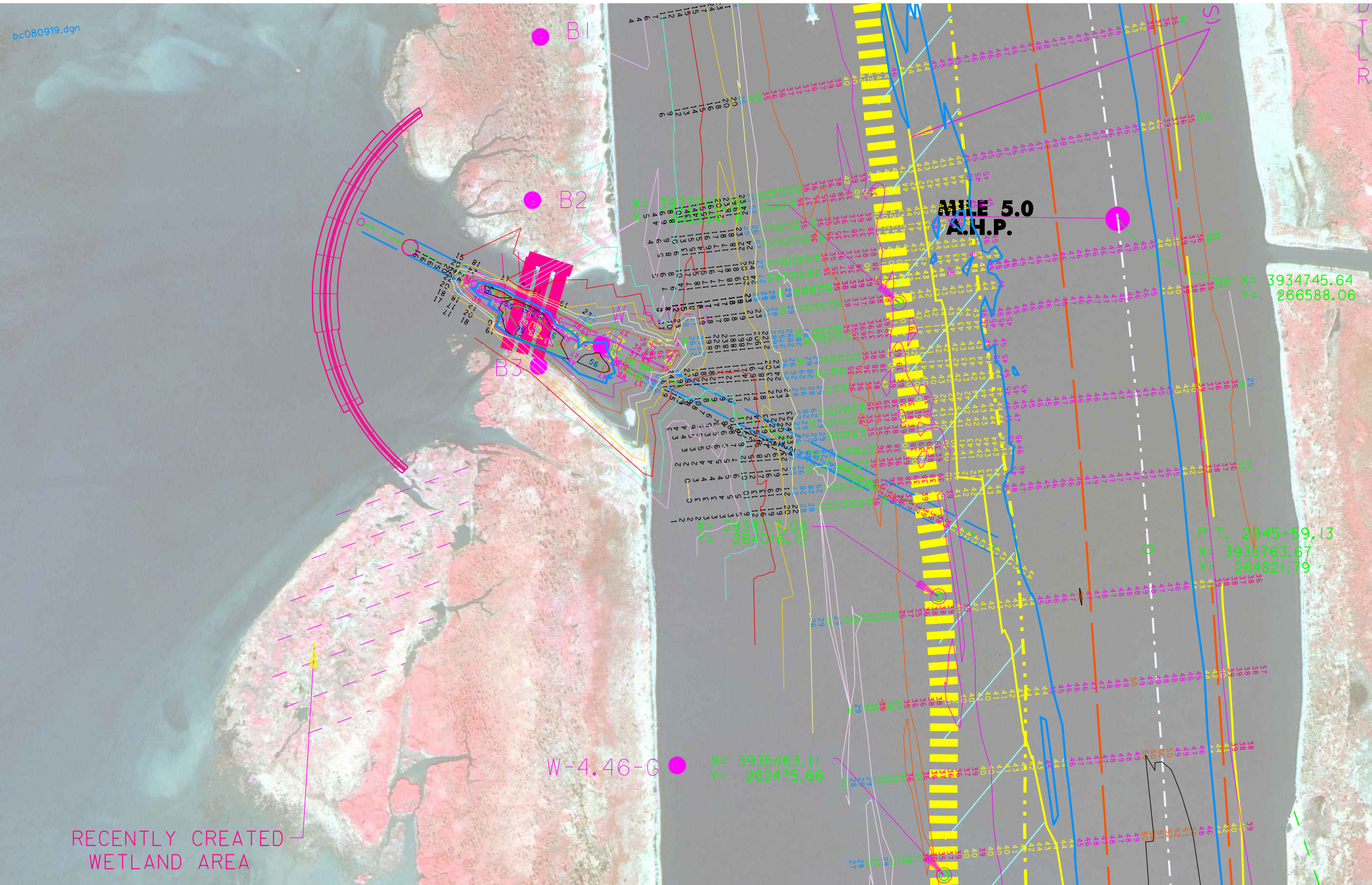
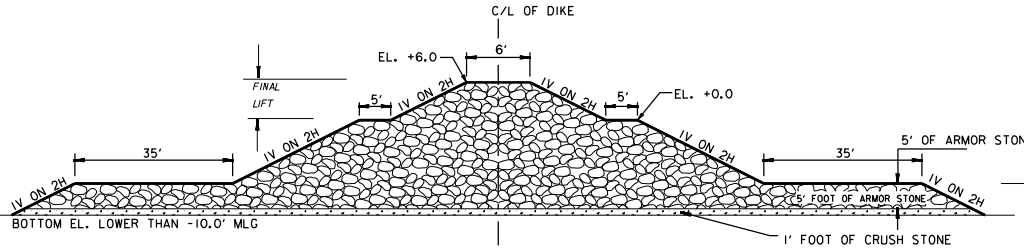
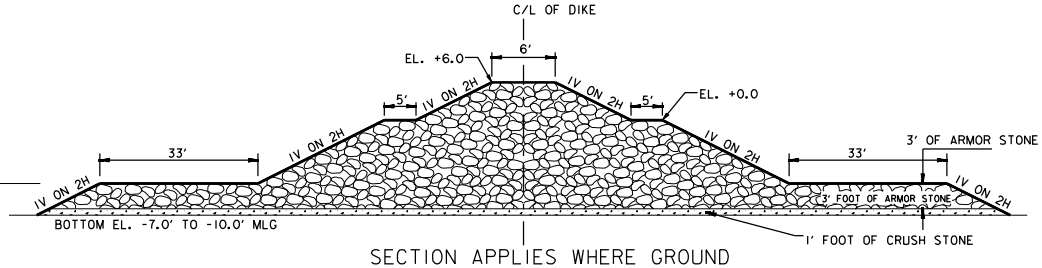
DRAFT

Alternative 3





SECTION APPLIES WHERE GROUND SURFACE ELEV ALONG C/L IS LOWER THAN -10.0' MLG



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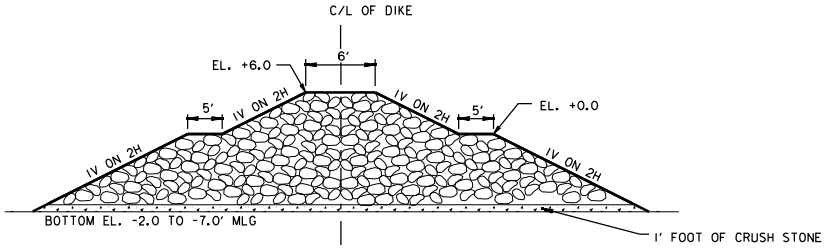

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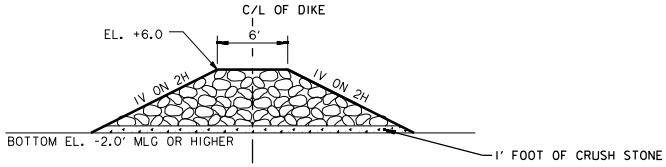

SECTION APPLIES WHERE GROUND SURFACE ELEV ALONG C/L IS ABOVE -2.0' MLG.

THEORETICAL DIKE/CLOSURE SECTIONS

NOT TO SCALE

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING
January 10, 2001

RECOMMENDATIONS FOR PROJECT COST INCREASES

For Decision

Mr. Saia will present the recommendation of the Technical Committee concerning cost increases on the following projects:

a. West Bay Project - $5.347 million increase in project cost

b. Jonathan Davis Project - $8.13 million increase in project cost

Recommendation of Technical Committee

The Technical Committee recommendation is to approve all of the above increases.

Saia does

* DF

Len

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Approved 12 Dec 00 Ich

West Bay Sediment Diversion (PPL1)

Revised 11Dec00.

Changes in total project cost since 14Apr98 Task Force mtg:

1) Task Force approved cost (14Apr98):		$16,673,000
2) Increase for Environmental Clearance of the Pilottown Anchorage Project (PAP) area:	++$	66,500
3) Increase for 3D modeling	++$	47,500
4) Increase for VE study required per Value Engineering Regulation, dated 31Jul00:	++$	101,000
5) Decrease in construction cost (costs indexed from Land Loss Study 1989 price levels):	-$	64,202
6) Increase of O&M associated with the PAP area as a result of increased shoaling predicted by the 3D model (See Note below):	++$	5,187,408
7) Increase in Fed S&A (Project Management):	++$	15,000
TOTAL INCREASE:		$5.3 M
Revised Current Total Project Estimate:		$22,020,361

NOTE:
-Maintaining the Pilottown Anchorage Project (PAP) area accounts for 65% of the project's cost ($13.9 M vs $22.0 M)
-FY 1994 2D WES model predicted 680K yd^3/yr induced shoaling in the navigational channel and 200K yd^3/yr in the PAP
-MVN committed to removing the shoaling in the navigation channel under its O&M program
-FY 2000 3D sediment model predicts 200K yd^3/yr in the navigation channel, 250K yd^3/yr in the PAP and 90K yd^3/yr in the access area between the two. Assumes no PAP maintenance from Mile 4 AHP to 5.8 AHP.

WEST BAY SEDIMENT DIVERSION - (Priority List 1)

PROJECT COST ESTIMATE(S)

Based on 3D model: 339.2K yd^3/yr shoaling in the anchorage area excluding RM 4 to 5.8

	Original Estimate 1/	Current Estimate	Expended Thru Nov00
REAL ESTATE:	***Not Incl***	$174,000	$133,198
ENVIRONMENTAL CLEARANCE:			
Cultural Resources	***Not Incl***	$64,000 2/	$57,284
HTRW	***Not Incl***	$10,100 3/	$5,041
NEPA	***Not Incl***	$120,000 4/	$70,975
Subtotal	$0	$194,100	$143,290
ENGINEERING & DESIGN: 5/			
WES 2D Model Study	***Not Incl***	$70,000 6/	$70,000
CSU 3D Model Study	***Not Incl***	$47,500 6a/	$46,054
VE Study	***Not Incl***	$101,000	$51,851
All other E&D	$119,600	$387,600 7/	$219,042
Subtotal	$119,600	$606,100	$386,948
RELOCATIONS:	***Not Incl***	$2,000,000 8/	$0
CONSTRUCTION:			
Construction	$1,934,300	$2,192,352 8a/	$0
Construction S&I	$167,200	$184,800	$0
Subtotal	$2,101,500	$2,377,152	$0
O, M, R & R:			
Bifurcation & SRED O&M	$1,118,400	$1,207,777 8b/	$5,636
Pilottown Anchorage Dredging	***Not Incl***	$13,935,131 9/	$0
Subtotal	$1,118,400	$15,142,908	$5,636
EMERGENCY CLOSURE:	$3,348,000	$0 10/	$0
MONITORING:	$1,184,800	$1,196,946	$17,261
PROJECT MANAGEMENT:			
Proj. Mgmt. Through Construction	***Not Incl*** 11/	$185,000	$162,089
Proj. Mgmt. during 20-year life	***Not Incl***	$50,000	$0
Subtotal		$235,000	$162,089
LOCAL SPONSOR ACTIVITIES:	***Not Incl***	$94,155 12/	
WIK (Real Estate)			$25,676
WIK (E&D)			$12,341
WIK (Construction)			$0
Subtotal	$0	$94,155	$38,017
CONTINGENCIES:	$644,800	$0	$0
TOTAL PROJECT COSTS:	**$8,517,100**	**$22,020,361**	**$886,439**
Over/Under Original Estimate		$13,503,261	
% Over/Under Original Estimate		**158.5%**	
Max (125%)	$10,646,375		

Note: Task Force (14Apr98) authorized proceeding at a cost of $16,673,000

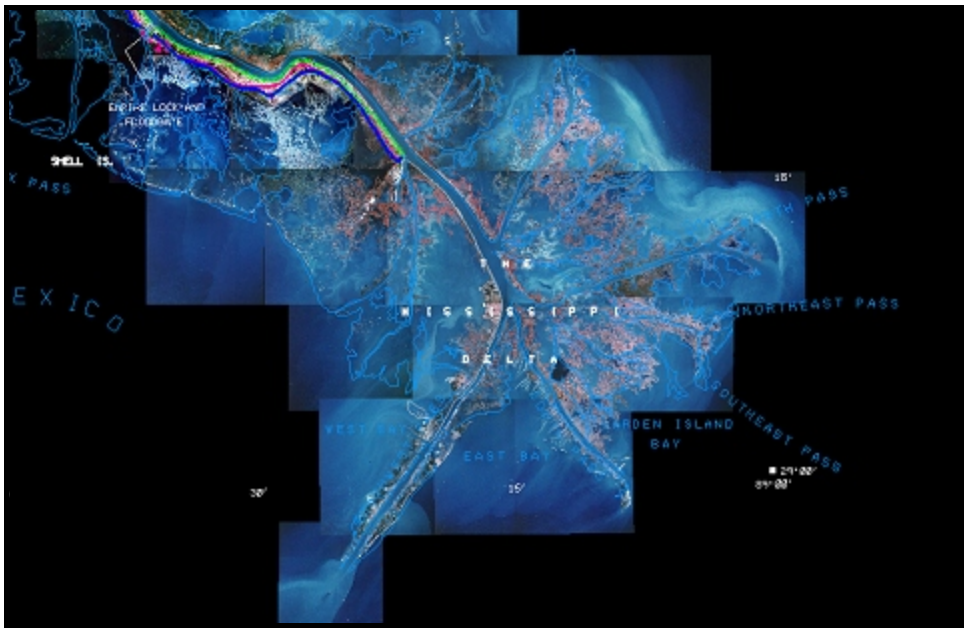
1/ Original estimate from COE Land Loss & Marsh Creation Feasibility Study.
2/ Cultural Resource investigations initially assumed minimal, costs are for anchorage area.
3/ HTRW investigation not a requirement when project estimates were prepared, but later required.
4/ Feasibility EIS not submitted for public review.
5/ E&D includes Design, Modeling, Review of P&S, VE Study and Contracting Activities.
6/ WES model study not anticipated, but was done to evaluate shoaling in the anchorage.
6a/ CSU model study for sediment trap basin to incorporate West Bay diversion.
7/ Increase due to evaluation of other alternatives and additional surveys required.
8/ Current estimate based on relocation of 3,000 ft. of pipeline by directional drilling
8a/ Indexed from Land Loss Study 1989 price levels.
8b/ Indexed from Land Loss Study 1989 price levels.
9/ No Corps O&M authority exists to dredge the anchorage. Current estimate assumes dredging (339.2K*3=1018K)yd3 every 3 years including advanced dredging.
10/ If emergency closure is required then anchorage dredging funds will be utilized
10a/ Monitoring expenditures include non-audited WIK thru Feb00
11/ Proj. Mgmt. not included in Priority List estimate.
12/ Based on DNR estimates for other CWPPRA projects and magnitude of this one.
6/ WIK credits through June 2000.
WIK for O&M ($0) and monitoring ($6019.41) included in those expenditures.

Govt Estimate
DO NOT RELEASE
TO PUBLIC

17

WEST BAY DIVERSION SEDIMENTATION PREDICTIONS

DRAFT
For Review Only



DEPARTMENT OF THE ARMY
Corps of Engineers, New Orleans District
P.O. Box 60267
New Orleans, LA 70160-0627

By:

Dr. Dan Gessler, Colorado State University
Mr. Hasan Pourtaheri, USACE New Orleans District

January 2000

Executive Summary

A fresh water diversion has been proposed at River Mile 5 (RM 5) on the west side of the lower Mississippi River. The diversion will deliver 50,000 cfs at the 50 percent river flow to the West Bay area. The proposed diversion will result in environmental benefits in West Bay, and is typically referred to as the West Bay diversion.

The numerical model CH3D-SED was used to determine the change in sediment deposition in the anchorage and access area near the diversion. Impacts of the diversion on the existing condition and the existing condition after construction of the proposed sediment basin were determined from numerical model results. In addition to changes in dredging in the access area and anchorage area, changes in dredging in the sediment basin and the navigation channel were also determined. The overall change is determined by adding the change in all four areas.

Maintaining a 250 foot wide anchorage area is predicted to yield an over all increase in dredging of approximately 926,000 cubic yards per year. Adding the West Bay diversion and constructing the proposed sediment basin is predicted to yield an over all increase in dredging of 1,100,000 cubic yards per year.

Maintaining a 500 foot wide anchorage area is predicted to yield an over all increase in dredging requirements of approximately 1,100,000 cubic yards per year. Construction of the West Bay diversion and the sediment basin is predicted to give an over all increase in dredging requirements is 1,200,000 cubic yards per year.

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1.0 INTRODUCTION

This report of the West Bay Diversion Project is an effort to predict the increase in sediment deposition due to a proposed freshwater diversion from the Mississippi River into West Bay at RM 5. An increase in sediment deposition is anticipated in the anchorage, access area, and navigation channel downstream of the proposed diversion. The purpose of the diversion is to deliver necessary sediment and fresh water to West Bay to maintain the ecosystem. The West Bay project site is shown in Figure 1.1 and Figure 1.2. The proposed diversion is located as shown.

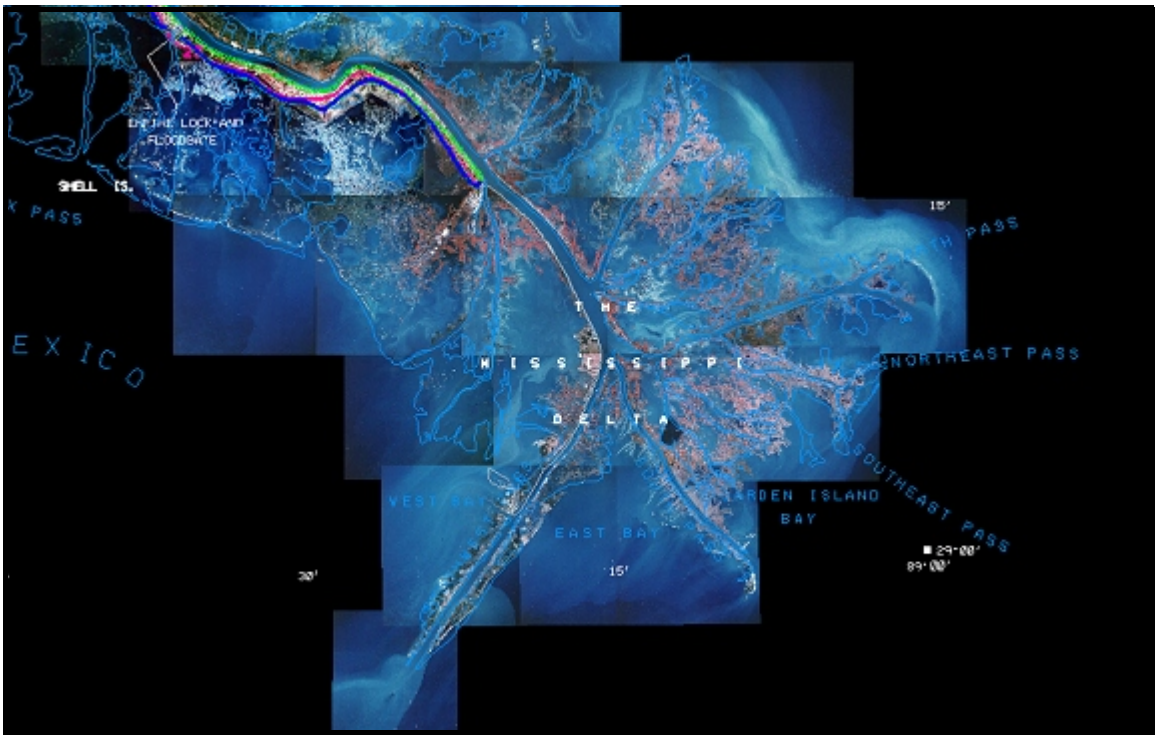

Figure 1.1: Site Map.

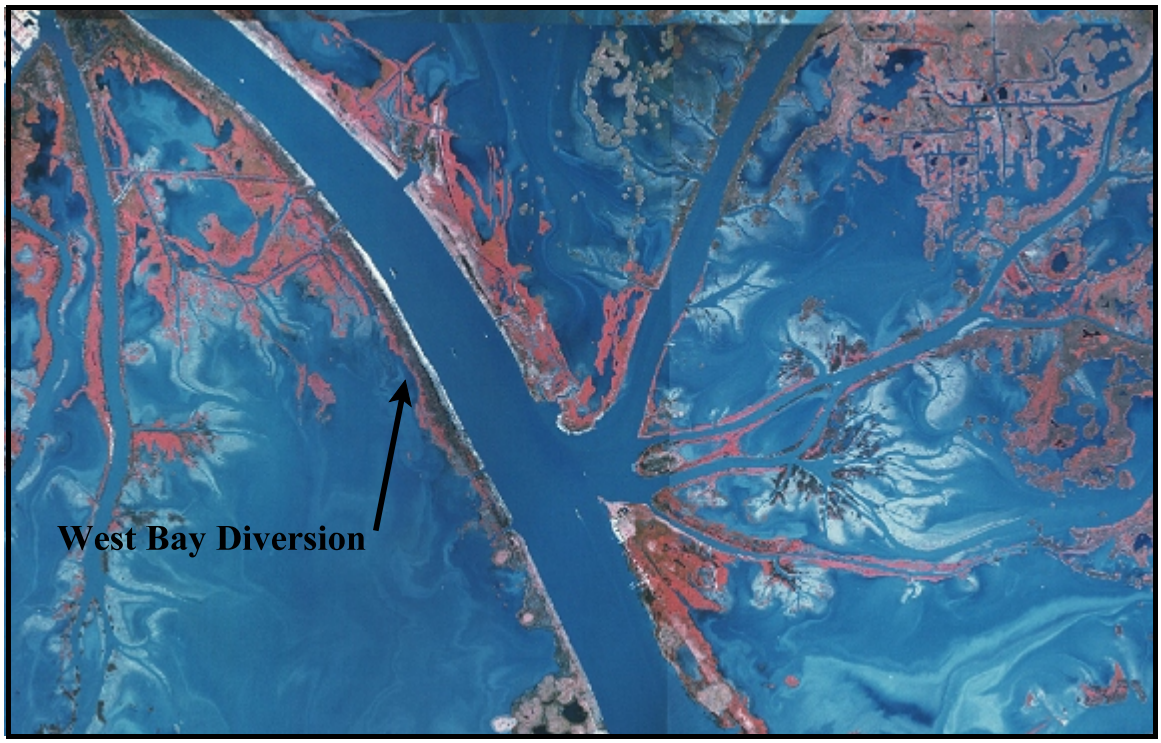

Figure 1.2: Location of proposed West Bay diversion.

Four conditions were simulated for the investigation: the existing condition, the existing condition with the West Bay diversion, the existing condition with a sediment trap, and construction of both the sediment trap and the West Bay diversion. The change in dredging due to each of the three proposed conditions is discussed in the report.

1.1 Objective

The objective of the modeling is to determine the impacts of the proposed West Bay freshwater diversion on dredging requirements associated with the navigation project. Additionally, study efforts were to address the impact of freshwater diversion on a recently considered sediment trap in the Mississippi River.

1.2 Scope

The scope of work as specified by the New Orleans district of the USACE was as follows:

An existing three dimensional numerical model, CH3D-SED, will be modified to encompass the proposed West Bay freshwater diversion project. The model initially was developed by WES and Colorado State University in cooperation with the New Orleans District. The model covers 21 miles of the Mississippi River extending from RM -3 to 17. The model will be widened on the right side (west) of the river. Ten to 30 computational cells will be added to the width of the model. The addition of the West Bay outlet will be made after the 17 mile extension and resolution improvement of the model has been completed. The existing existing model is 127x30x10 computational cells, the extended model will be approximately 227x60x10. The addition of the West Bay outlet will increase the grid size to approximately 300x60x10. The New Orleans district will provide all of the necessary survey data in electronic format to make the changes.

Adding the West Bay outlet to the numerical model will also require changes to the CH3D-SED source code. The necessary changes shall be made and the new source code and executable program provided to the New Orleans District.

The extended version of the Head of Passes model, with the West Bay addition will be run for the existing channel geometry. The West Bay version of the Head of Passes model will be modified to include the proposed sediment basin.

Five steady state flow rates (410,000 ; 640,000 ; 780,000 ; 900,000 ; and 1,300,000 cfs) will be run for the existing condition and the proposed condition with

and without the sediment basin. It will be necessary to create new hydrodynamic and sediment boundary condition files for the new model. Sediment deposition in South West Pass for the existing condition will be compared to the prototype.

A 50,000 cfs diversion at 50 percent stage duration will be modeled at West Bay. Engineering Division will provide the dimensions of the 50,000 cfs cut along with the transitional channel into the receiving area.

2.0 MODEL GEOMETRIES

The sediment deposition patterns and quantities were computed for the existing condition and three possible future conditions. The existing condition includes a navigation channel which is 750 feet wide. Three feet of over dredging were included in the modeling, i.e. the 45 foot navigation channel was modeled with a depth of 48 feet. In addition, three proposed conditions were modeled to assess the impacts of the sediment basin and the West Bay diversion on the sediment deposition patterns.

The anchorage area is defined as an area 5.2 miles in length along the right descending bank of the river from mile 1.5 to mile 6.7 above Head of Passes, extending in width 1600 feet from the left descending bank of the river. The access area is the area between the anchorage and the navigation channel.

2.1 Existing Condition

The model of the existing condition was developed from the model used to determine the impacts of a sediment basin on deposition patterns in West Bay (Gessler et. al, 1999). The old model which was modified to include West Bay was 267x43x10. The final model used for the simulations was 270x58x10. The model is 270 cells long and 58 cells wide. Typical cell sizes range in width from 50 to 150 feet. Cell lengths range from 800 to 1000 feet. The vertical discretization of the model was set at 10 computational layers. The total grid length is approximately 43 miles. A detailed description of the model, calibration, boundary conditions, and

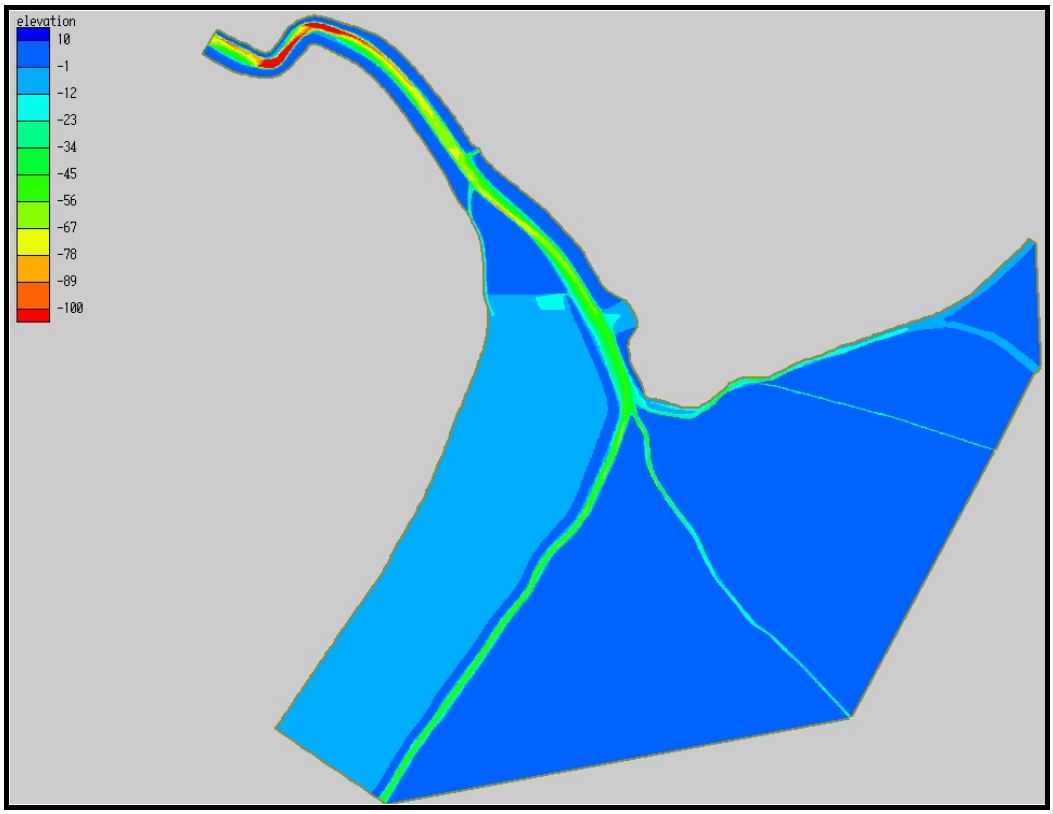

Figure 2.1: West Bay model contour map.

modeling procedures is described in Gessler et al. (1998). Figure 2.1 shows a contour map of the West Bay model. Cell lines have been removed for clarity.

2.2 West Bay

The West Bay diversion was added to the model as shown in Figure 2.2. The anchorage area, access area and navigation channel are outlined in red. The target flow through the diversion is 50,000 cfs at the 50 percent stage. The stage in West Bay and the Stage in the Mississippi River were known, therefore, small adjustments were made to the geometry to obtain the proper diversion amounts.

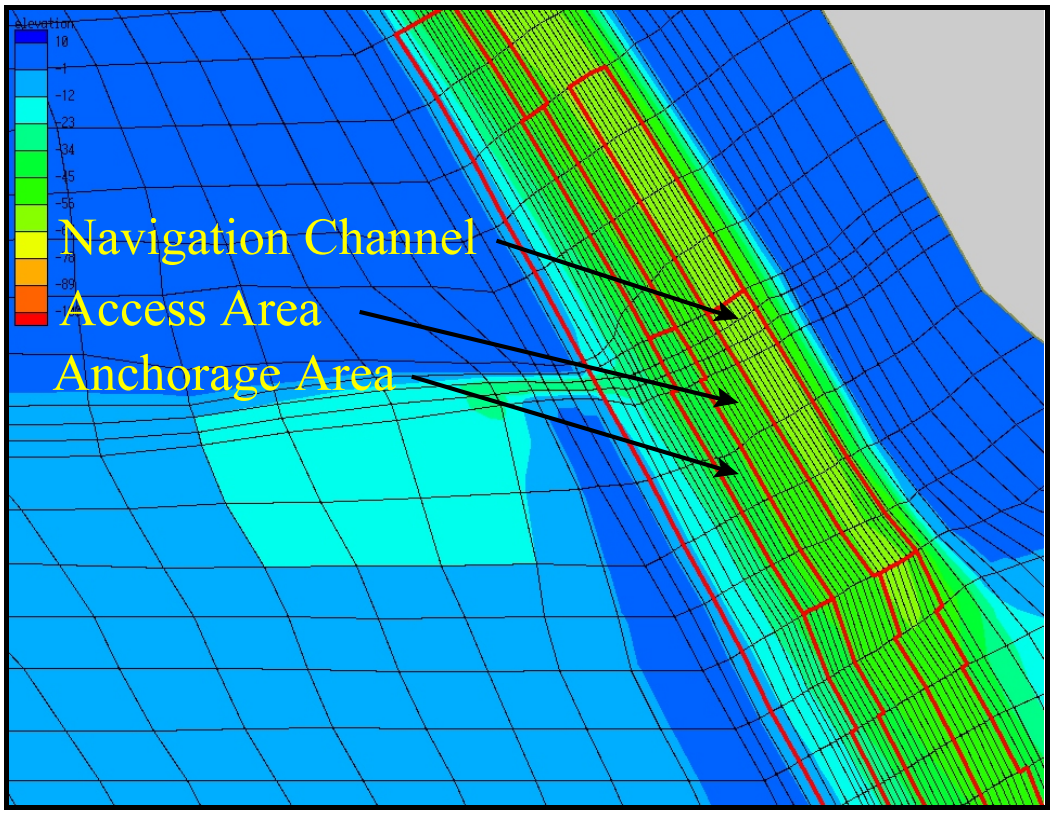

Figure 2.2: Model geometry with West Bay diversion.

2.3 Sediment Basin

Previous investigations were used to determine the optimum geometry of a proposed sediment trap at Cubits Gap (Gessler et.al, 1999). Based on those investigations a sediment trap 1500 feet wide extending from approximately RM 1 to RM 5 is being considered for construction. Extensive simulations with the sediment trap were conducted previously to determine the impact of the sediment trap on sediment deposition in the navigation channel. The simulations were rerun using the new model to insure that results were not affected by small changes to the grid. The sediment basin and navigation channel are outlined in red in Figure 2.3.

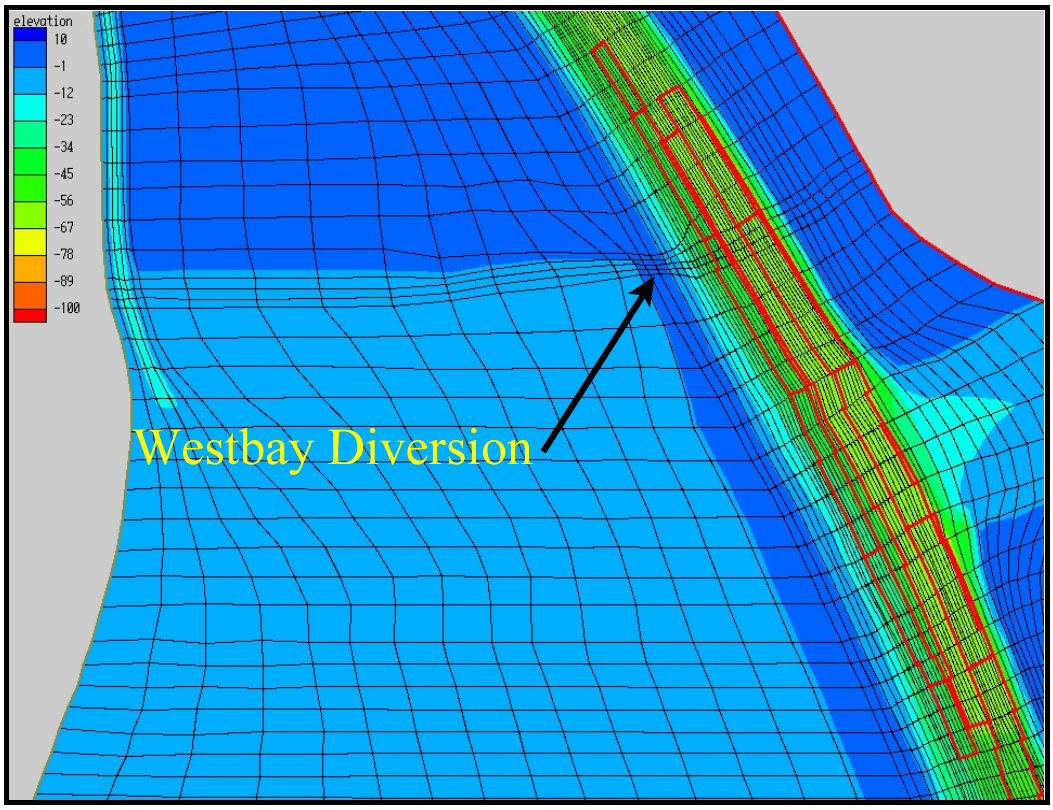

Figure 2.3: Model configuration with Sediment Basin.

2.4 West Bay and Sediment Basin

Figure 2.4 shows the West Bay diversion and the sediment basin. Notice that the access area and the sediment basin over lap. This becomes relevant in the accounting of the sediment. Sediment trapped in the access area must not be counted twice.

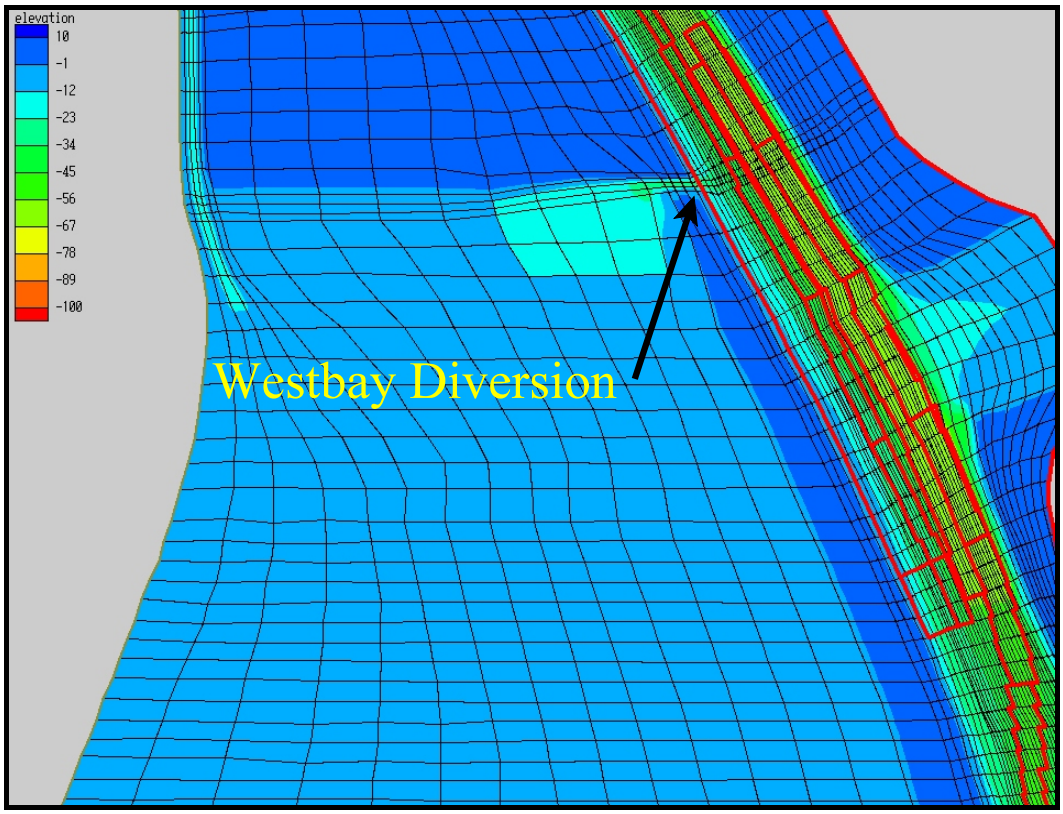

Figure 2.4: Model geometry with Sediment Basin and West Bay diversion.

3.0 SIMULATION PROCEDURES

Short term simulations were used to determine the sediment deposition patterns for the existing condition and the three proposed conditions: with the West Bay diversion, with the Sediment Trap and with both the West Bay diversion and the Sediment Trap. Simulations were run with the following steady state flow rates: 410,000, 640,000, 780,000, 900,000, and 1,300,000 cfs to represent a shifted annual hydrograph. The number of days experiencing each of the flow rates is multiplied by the rate of deposition for each steady flow to obtain the estimated annual deposition in the study area.

3.1 Modeling Procedure

Each grid configuration was tested at the five designated flow rates. The duration of each simulation varied with flow rate. Higher flow rates use smaller time steps. Consequently, fewer iterations were used at the higher flow rates to reduce computer time. The first 24 hours of the simulation allow the model to reach hydrodynamic equilibrium before sediment is released. Previous models in the Head of Passes area used a 12 hour warmup period. The West Bay model was substantially larger than the previous models and therefore required a longer warmup period. Sediment transport calculations are started after the warm up period. Sediment transport calculations were run for up to 48 hours depending on flow rate. In each case, sediment deposition from the first half of the calculation period was subtracted from the second half to correct for time dependent initial

boundary condition effects.

For each flow rate, a daily sediment deposition rate was computed. The daily sediment deposition was multiplied by the number of days that flow occurred per year. The annual deposition from all of the flow rates was combined to obtain the total average annual sediment deposition. The average year flow frequency was based on flows that were observed from January 1988 to December 1995. Table 3.1 shows the flow frequency of each flow rate.

Table 3.1: Flow Frequency for Sedimentation Analysis, Jan '88 to Dec '95

Model Flow (cfs)	Minimum Flow (cfs)	Maximum Flow (cfs)	Number of Days
410,000	305,000	525,000	763
640,000	525,000	710,000	463
780,000	710,000	840,000	391
900,000	840,000	1,100,000	431
1,300,000	1,100,000		157

3.2 Boundary Conditions

The boundary conditions for the West Bay investigation are obtained the same way as those used in previous Head of Passes model studies. Inflowing suspended sediment concentrations for the model were based on the sediment transport capacity of the river near the upstream end of the model. An iterative process using CH3D-SED was used to determine the sediment transport capacity. To verify the values of inflowing sediment concentration, the values were compared

to observed sediment transport rates at Belle Chasse (RM 76). Table 3.2 gives the inflowing sediment load at the different flow rates. Figure 3.1 shows the observed sediment transport rates at Belle Chasse (USACE, 1991).

Table 3.2: Inflowing Sediment Load in Model

Flow Rate (cfs)	Inflowing Sediment Load (tons/day)
410,000	58,000
640,000	180,000
780,000	420,000
900,000	750,000
1,300,000	2,380,000

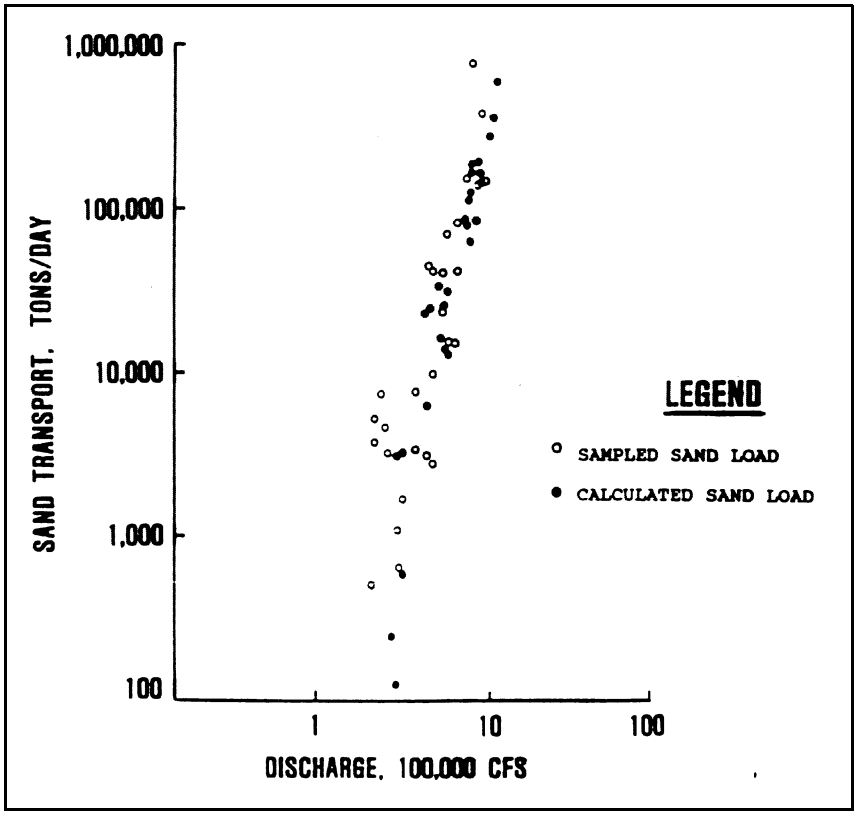

Figure 3.1: Suspended load at Belle Chasse as reported by USACE, 1991.

The grain size distribution for the model bed sediments was based on data collected by Nordin and Queen (1989). Table 3.3 lists the two grain sizes specified in the model and the percentage of the bed material each comprises. The two grain sizes represent the bed sediment for the existing channel. Both the fine and the coarse grain sizes are less than 2 mm and therefore meet the grain size criteria of the sediment transport algorithms used in the model.

Table 3.3: Grain Sizes Used in the West Bay Model.

Grain Size	Particle Diameter (mm)	Percentage of Bed Material
Finer	0.089	18
Coarse	0.177	82

At each model boundary where water can enter or exit the model, flow rate or water surface elevation must be specified. A coefficient describing the resistance must also be specified. Table 3.4 gives the flow or stage at each model boundary as well as the resistance coefficient for each flow rate. The absolute roughness BZ1 is from RM -18 to RM 0 while BZ2 is valid from RM 0 to 25.

The bed roughness, BZ1, and BZ2 were adjusted such that the observed and predicted stages in the Gulf of Mexico, Head of Passes and Venice matched as closely as possible. Stages in the Gulf of Mexico vary with tide but are not substantially affected by flow rate in the river. Therefore, the stage at the downstream end in South West Pass was approximately held constant. Slight variations in the downstream stage (0.1 ft) were used to help calibrate the model.

Table 3.4 shows observed and predicted stages at Head of Passes and Venice. Figures 3.2 and 3.3 show the stage as a function of discharge for observed and predicted values. All predicted stages were within 10 percent of observed values.

Table 3.4: Boundary Conditions.

Up Stream End (flow in cfs)	410,000	640,00	780,000	900,000	1,300,000
Baptiste Collette (flow in cfs)	58,900	92,000	105,000	123,000	157,000
Cubits Gap (flow in cfs)	53,400	83,300	94,300	111,000	144,000
West Bay (stage in ft)	2.0	2.0	2.3	2.3	2.3
S.W. Pass (stage in ft)	1.5	1.5	1.5	1.6	1.6
South Pass (stage in ft)	0.2	0.2	0	0	0
Pass A Loutre (stage in ft)	1.8	1.8	1.8	1.8	1.8
BZ1 (i=1 to 113)	0.006	0.000 03	0.000 005	0.000 005	0.000 001
BZ2 (i=114 to 270)	0.5	0.035	0.015	0.013	0.002

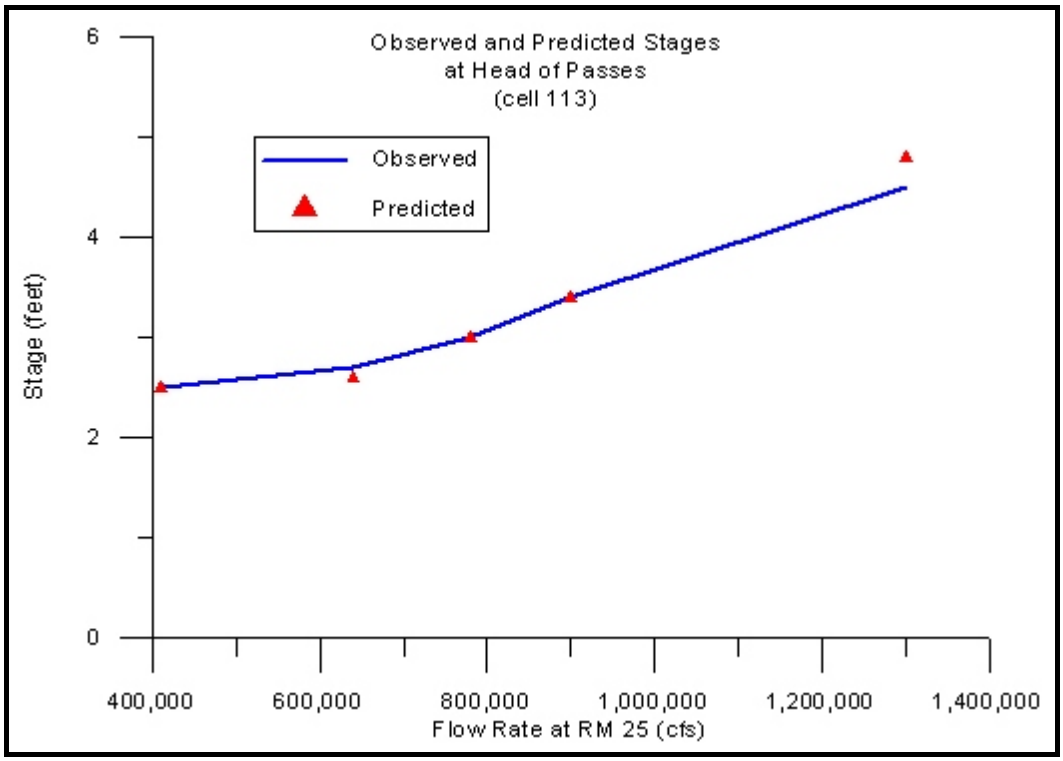

Figure 3.2: Observed and Predicted stage at Head of Passes.

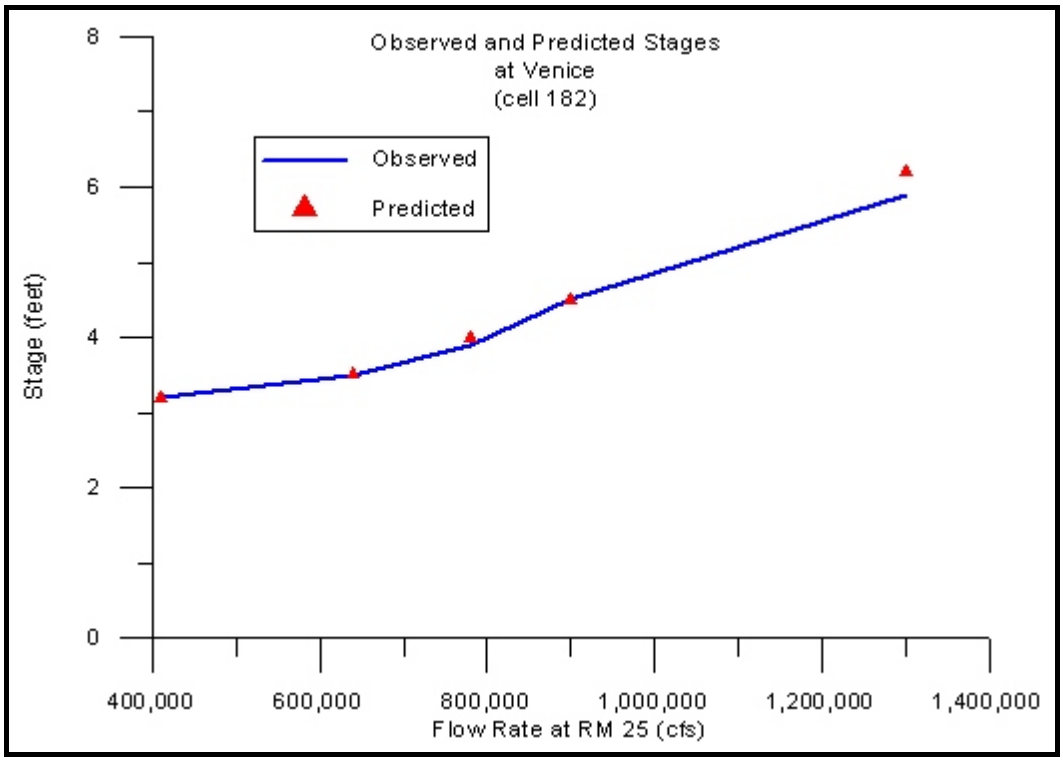

Figure 3.3: Observed and Predicted stage at Venice.

Table 3.5: Observed and Predicted Stages at Venice and Head of Passes

Flow	Head of Passes		Venice	
	Observed	Predicted	Observed	Predicted
410,000	2.5	2.5	3.2	3.2
640,000	2.7	2.6	3.5	3.5
780,000	3.0	3.0	3.9	4.0
900,000	3.4	3.4	4.5	4.5
1,300,000	4.5	4.8	5.9	6.2

4.0 RESULTS

The change in dredging will occur in four areas of interest, the anchorage area, access area, sediment trap and navigation channel. The access area and the sediment trap overlap, and most of the access area is also part of the sediment trap. Therefore, changes in the sediment deposition in the access area are shown in both the table that shows changes in deposition in the sediment basin and in the table that shows changes in deposition in the access area. However, in reporting the total change in sediment deposition, care was taken to insure that changes in deposition were not counted twice.

4.1 Rating Curve for West Bay

The design flow for the West Bay diversion is 50,000 cfs at the 50 percent flow duration. The 50 percent flow duration varies, depending on the period of record being analyzed, however, it is approximately 500,000 cfs. The amount of water diverted by the opening at West Bay is a function of the stage in the river. As flow increases, the amount of water diverted will increase. Table 4.1 gives the amount of water in the West Bay diversion as a function of the low rate at Tarbert Landing. Figure 4.1 shows the same information in graphical form.

Table 4.1: West Bay Diversions as a Function of Mississippi River Flow at Tarbert Landing

Mississippi River flow at Tarbert (cfs)	West Bay Diversion Amount (cfs)
200,000	43,000
410,000	46,500
500,000	49,500
640,000	52,600
780,000	59,800
900,000	76,900
1,300,000	136,700

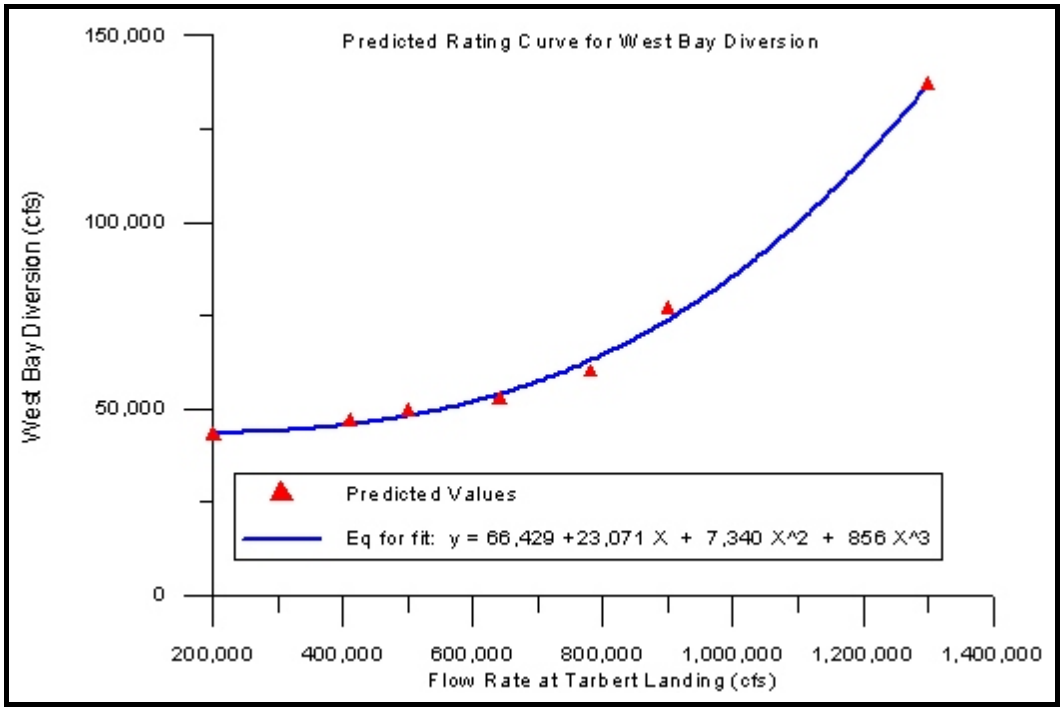

Figure 4.1: Predicted rating curve for West Bay diversion.

4.2 Navigation Channel

Down stream of the West Bay diversion, it is anticipated that there will be an increase in the sediment deposition. The increase in sediment deposition is a local phenomena extending several miles down stream of the diversion. Down stream of the local deposition, there may be a small reduction in sediment deposition. This is the result of the decreased flow in the river, similar to the small deposition amounts experienced at lower flow rates. Table 4.2 shows the projected local increase in sediment deposition in the navigation channel due to the West Bay diversion. The area of local deposition will extend from approximately RM 1 to 5. Changes in sediment deposition due to the construction of either West Bay, or the Sediment Basin, or both West Bay and the Sediment Trap are reported in Table 4.2.

Table 4.2: Induced Shoaling in Navigation Channel By River Mile

Location by River Mile	Change in Shoaling (cubic yards)		
	West Bay	Sediment Basin	West Bay with Sediment Trap
0 to 1	0	-129,200	-262,600
1 to 1.5	-78,100	-90,600	-150,000
1.5 to 2	24,800	40,100	39,400
2 to 3	72,100	287,800	283,100
3 to 4	104,600	329,700	477,900
4 to 5	75,800	223,900	429,100
5 to 6	0	0	0
Total	199,200	661,700	816,900

4.3 Anchorage Area

The Pilottown anchorage area across from Cubits Gap extends from RM 1.5 to 6.7. The anchorage extends in width to 1600 ft from the right descending bank. The anchorage will be maintained for deep draft navigation at a width of 250 ft or 500 ft. The anchorage area is within the area where increases in local deposition area expected due to the construction of the West Bay diversion. Results are reported for both the 250 and 500 ft wide deep draft anchorage areas. Table 4.3 shows predicted increases in shoaling in the 250 ft wide anchorage and Table 4.4 shows results for the 500 ft wide anchorage area. Changes in the 250 ft wide anchorage are half of that predicted for the 500 ft wide anchorage.

Table 4.3: Induced Shoaling in Anchorage Area 250 ft Wide Lane

Location by River Mile	Change in Shoaling (cubic yards)		
	West Bay	Sediment Trap	West Bay with Sediment Trap
1.5 to 2	6,300	2,700	650
2 to 3	20,550	37,400	32,750
3 to 4	33,850	400	38,300
4 to 5	45,050	93,050	141,050
5 to 6	31,750	65,500	115,450
6 to 6.7	19,400	109,650	116,350
Total	156,900	308,700	444,550

Table 4.4: Induced Shoaling in Anchorage Area 500 ft Wide Lane

Location by River Mile	Change in Shoaling (cubic yards)		
	West Bay	Sediment Trap	West Bay with Sediment Trap
1.5 to 2	12,600	5,400	1,300
2 to 3	41,100	74,800	65,500
3 to 4	67,700	800	76,600
4 to 5	90,100	186,100	282,100
5 to 6	63,500	131,000	230,900
6 to 6.7	38,800	219,300	232,700
Total	313,800	617,400	889,100

4.4 Access Area

The access area is that area between the maintained deep draft navigation channel and the anchorage area. The access area is within the confines of the proposed sediment basin. Increases in shoaling in the access area are reported in Table 4.5. For completeness, the amount of sediment deposited in the access area portion of the sediment basin is also reported in Table 4.5.

Table 4.5: Induced Shoaling in Access Area

Location by River Mile	Change in Shoaling (cubic yards)		
	West Bay	Sediment Trap	West Bay with Sediment Trap
1.5 to 2	25,400	81,300	63,700
2 to 3	86,600	268,300	290,000
3 to 4	96,100	259,200	429,400
4 to 5	105,600	513,000	737,200
5 to 6	44,500	324,200	508,700
6 to 6.7	35,000	331,600	367,000
Total	393,200	1,777,600	2,396,000

4.5 Sediment Basin

Construction of the West Bay diversion will also increase the amount of sediment deposited in the proposed sediment basin. The sediment basin includes much of the navigation channel and the access area. Changes in sediment deposition within the basin are reported in Table 4.6. The values in Table 4.6 are approximately equal to the sum of the change in deposition in the access area and navigation channel. Small variations exist due to a few cells which are part of the sediment trap but are not part of the navigation channel or the access area.

Table 4.6: Projected Increase in Sediment Deposition in Sediment Basin

Location by River Mile	Change in Shoaling (cubic yards)		
	West Bay	Sediment Trap	West Bay with Sediment Trap
1.5 to 2	47,500	117,100	98,100
2 to 3	148,700	557,100	573,700
3 to 4	165,300	575,700	874,100
4 to 5	234,300	925,600	1,318,500
5 to 6	251,700	941,300	1,373,200
Total	847,500	3,116,800	4,237,600

4.6 Total Projected Change in Dredging

Tables 4.7 and 4.8 report the predicted total change in dredging from RM 0 to 6. For a 500 ft wide anchorage area, an increase in annual dredging of approximately 1.1 million cubic yards is predicted if the West Bay diversion is constructed for the existing condition. If the West Bay diversion and the sediment basin are constructed, the increase in deposition is approximately 1.2 million cubic yards from the sediment basin configuration to the sediment basin and West Bay configuration. The projected increases are approximately 200,000 cubic yards less for a 250 foot wide anchorage area, as shown in Table 4.8. Additional changes in sediment deposition may occur downstream of RM 0. It is expected that the changes will be reductions in deposition and will be negligible.

Table 4.7: Total Change in Dredging by Project
500 foot Wide Anchorage Area
River Mile 0 to 6

Configuration	Change in Dredging (cubics yards)
Existing	0
West Bay	1,083,200
Existing with Sediment Trap	3,514,400
West Bay with Sediment Trap	4,714,100

Table 4.8: Total Change in Dredging by Project
250 foot Wide Anchorage Area
River Mile 0 to 6

Configuration	Change in Dredging (cubics yards)
Existing	0
West Bay	926,300
Existing with Sediment Trap	3,205,700
Westbay with Sediment Trap	4,269,550

5.0 CONCLUSIONS

Four models for Head of Passes were tested to determine the effects of creating a fresh water diversion at RM 5: 1) the existing condition, 2) the existing condition with the proposed sediment basin, 3) the West Bay freshwater diversion, 4) the sediment basin with the West Bay diversion. The objective of running the models was to determine the impact of the proposed West Bay diversion on sediment dredging in the anchorage and access areas and the navigation channel. The impacts were determined for both the existing condition and if the proposed sediment basin were constructed.

If a 250 ft wide anchorage area is maintained, the predicted over all increase in dredging requirements is approximately 926,000 cubic yards per year. If the West Bay diversion is added after construction of the proposed sediment basin, the predicted over all increase in dredging requirements is 1,100,000 cubic yards per year. Changes in dredging requirements by river mile are provided in Section 4. The predicted average annual sediment deposition patterns for each configuration are shown in Appendix B.

If a 500 foot wide anchorage area is maintained, the predicted over all increase in dredging requirements approximately 1,100,000 cubic yards per year. If the West Bay diversion is added after construction of the proposed sediment basin, the predicted over all increase in dredging requirements is 1,200,000 cubic yards. Changes in dredging requirements by river mile are provided in Section 4.

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APPENDIX A: Unit Conversions

Multiply	By	To Obtain
cubic feet	.02831685	cubic meters
feet	.3048	meters
miles (US statute)	1.609347	kilometers

APPENDIX B: Sediment Deposition Patterns

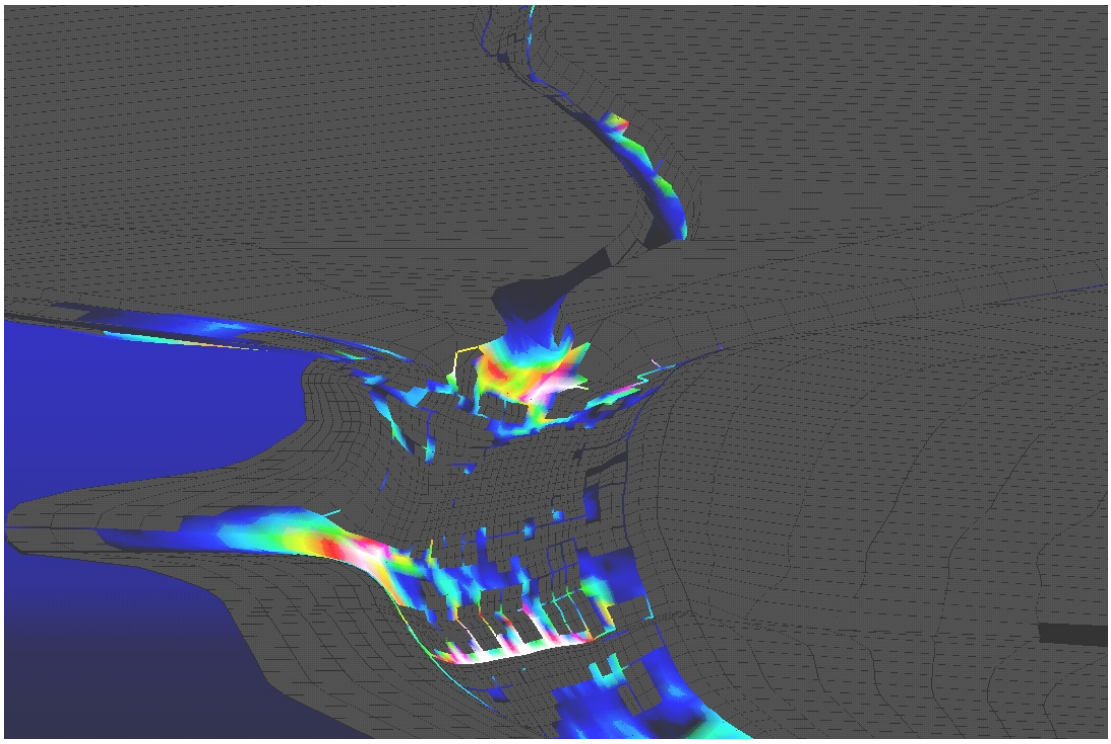

Figure B.1: Sediment deposition for Existing condition.

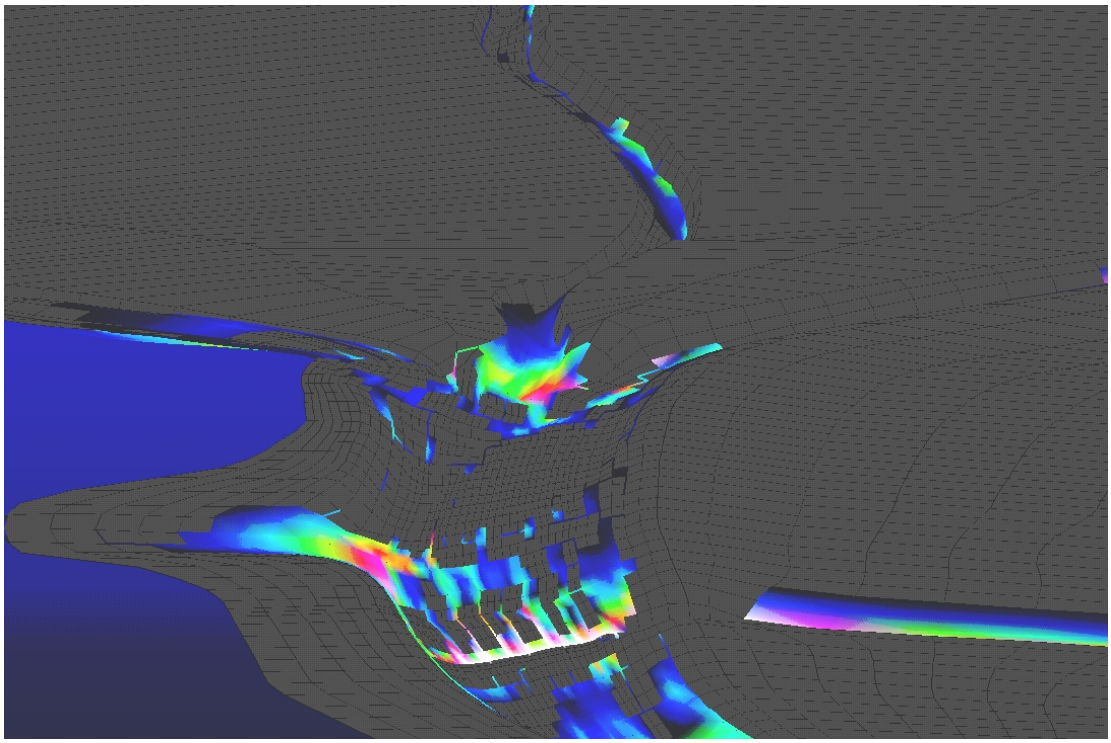

Figure B.2: Sediment deposition with West Bay diversion.

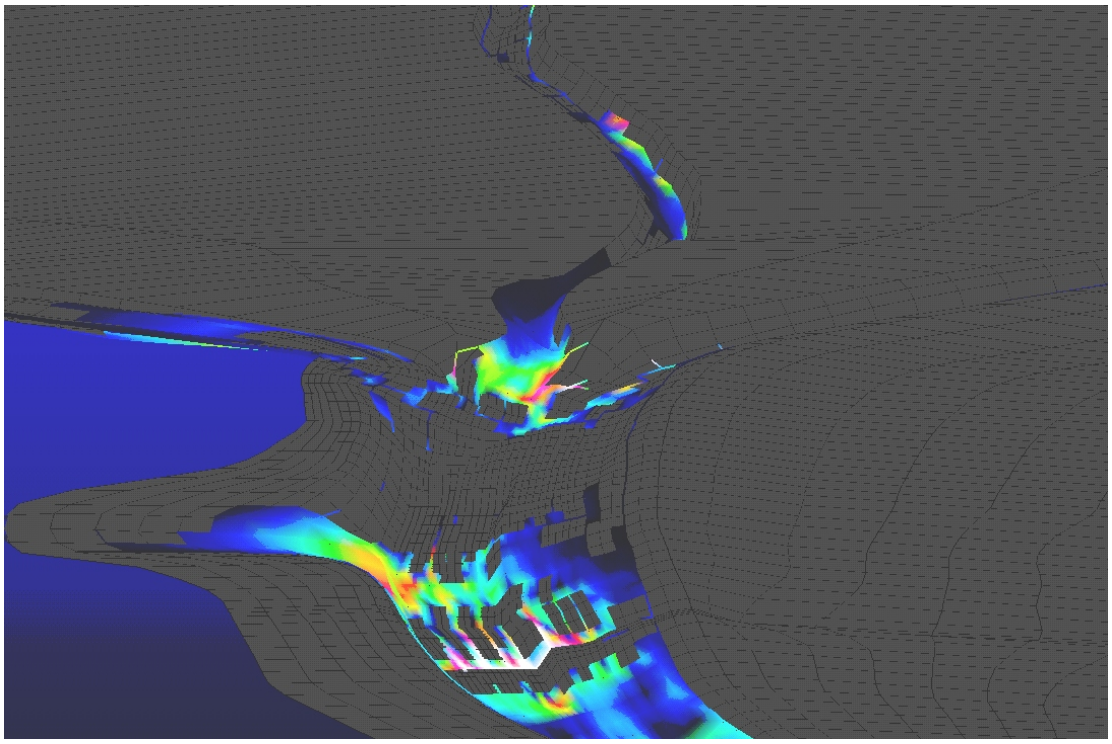

Figure B.3: Sediment deposition with sediment basin.

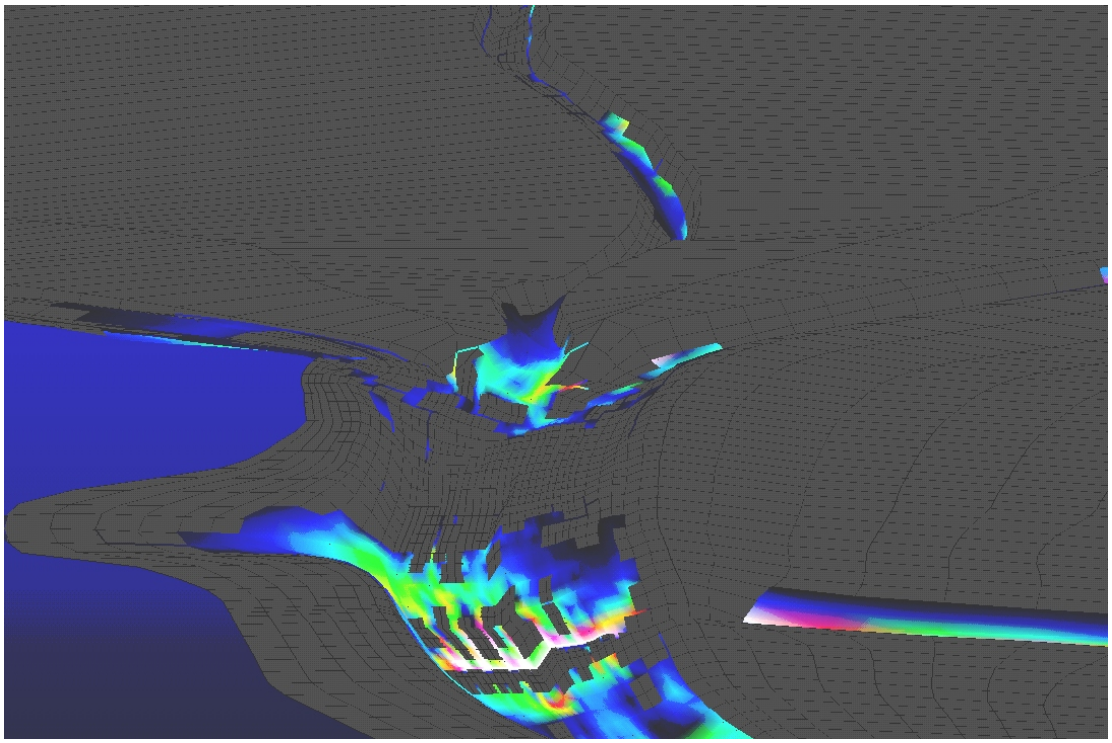

Figure B.4: Sediment deposition for West Bay and sediment basin.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

November 5, 2008

REQUEST FOR CHANGE IN SCOPE AND BUDGET INCREASE FOR PPL 3 -WEST POINTE A LA HACHE OUTFALL MANAGEMENT PROJECT (BA-4C)

For Decision/Vote:

The U.S. Natural Resource Conservation Service (NRCS) and Louisiana Coastal Protection Restoration Authority (LACPRA) request Task Force approval for a change in project scope and a budget increase in the amount of $1,101,221 for the BA-4c project. The additional funds are not needed at this time to complete Engineering and Design, and therefore would be requested when project construction approval is requested. The Task Force will consider the Technical Committee's recommendations to approve the BA-4c project's change in project scope and a budget increase in the amount of $1,101,221.

Technical Committee Recommendation:

> **The Technical Committee recommends that the Task Force approve the change in project scope and a budget increase in the amount of $1,101,221 for the BA-4c project.**

West Pointe a la Hache Outfall Management/Hydrologic Restoration Project (BA-4c)
Change in Project Scope
Report to the Technical Committee
September 10, 2008

Following the 1992 construction of the West Pointe a la Hache Siphon Project (BA-4) by the State of Louisiana to ameliorate salinity increases and land loss, the West Pointe a la Hache Outfall Management/Hydrologic Restoration Project (BA-4c) was approved as a CWPPRA project in 1993 to further reduce wetland loss rates and maintain emergent wetlands in the project area. Because large volumes of siphon discharge are channeled directly out of the project area through large efficient channels such as Grand Bayou and the Jefferson Canal, the objective of the BA-4c project was originally to be accomplished by implementing outfall management and hydrologic restoration measures to enhance the retention and distribution of the siphon's discharge. After several iterations, project features were to include three fixed-crest weir structures with a boat or barge bay, three armored earthen plugs, and restoration & maintenance of approx 10,600 linear ft of channel bank (Figure 1).

During the engineering and design phase of this project, hydrodynamic modeling showed that siphon flow plays a major role in ameliorating project area salinities. As a result, LDNR and NRCS agreed to pursue a change in the project scope. All previously proposed structural measures would be replaced by siphon improvement measures to increase the amount and duration of freshwater flow to the project area. The original project objective of reducing wetland loss would still be achieved by increasing the duration of operation and discharge volume of all siphon pipes each year, thereby increasing the net annual delivery of freshwater & sediment to the project area. The original project boundary will be maintained as approved by the CWPPRA WVA group in October 2007 (Figure 2).

Proposed siphon improvements include:

1) On-site and remote instrumentation to provide continuous monitoring and measurement of actual flow rates, instead of interpolated spreadsheet values;
2) Remote instrumentation to provide instant notification when any pipes lose their prime, and thereby initiate immediate response to re-establish the vacuum;
3) On-site vacuum pump, control equipment, and instrumentation to immediately re-establish flow when any pipes lose their prime;
4) Air release system to allow escape of accumulated gases to help maintain siphon vacuum;

In addition, the following improvement items will be investigated during E&D to determine their feasibility and potential benefits:

1) Extension of intake pipes to prevent loss of vacuum due to ship passage during lower Miss River stages;
2) Installation of a flange attachment for coupling with dredge operations to enrich intake of one or more pipes with fine sediment.

Preliminary analysis performed as part of the WVA projected that, with the siphon improvements, the average discharge volume during siphon operation would increase by 693 cfs to an average of 1488 cfs, and the duration of the siphon's operation was projected to be extended to nearly year-round.

The WVA predicted that the rate of wetland loss would be reduced by 40 percent with the additional freshwater input and increased operation time expected each year from the siphon improvements. The fully funded cost of the revised project is estimated to be $5,272,959.

	Current Project	Revised Project	% Change
Fully-funded Cost	$4,269,287	$5,370,516	+25.8%
Net Acres @ Year 20	1086	646	-40.5%
AAHUs	429	1,652	385.08%

All values have been reviewed and approved by the appropriate CWPPRA Work Groups.

See page 5 of this report for Local Sponsor statement endorsing the change in the project scope.

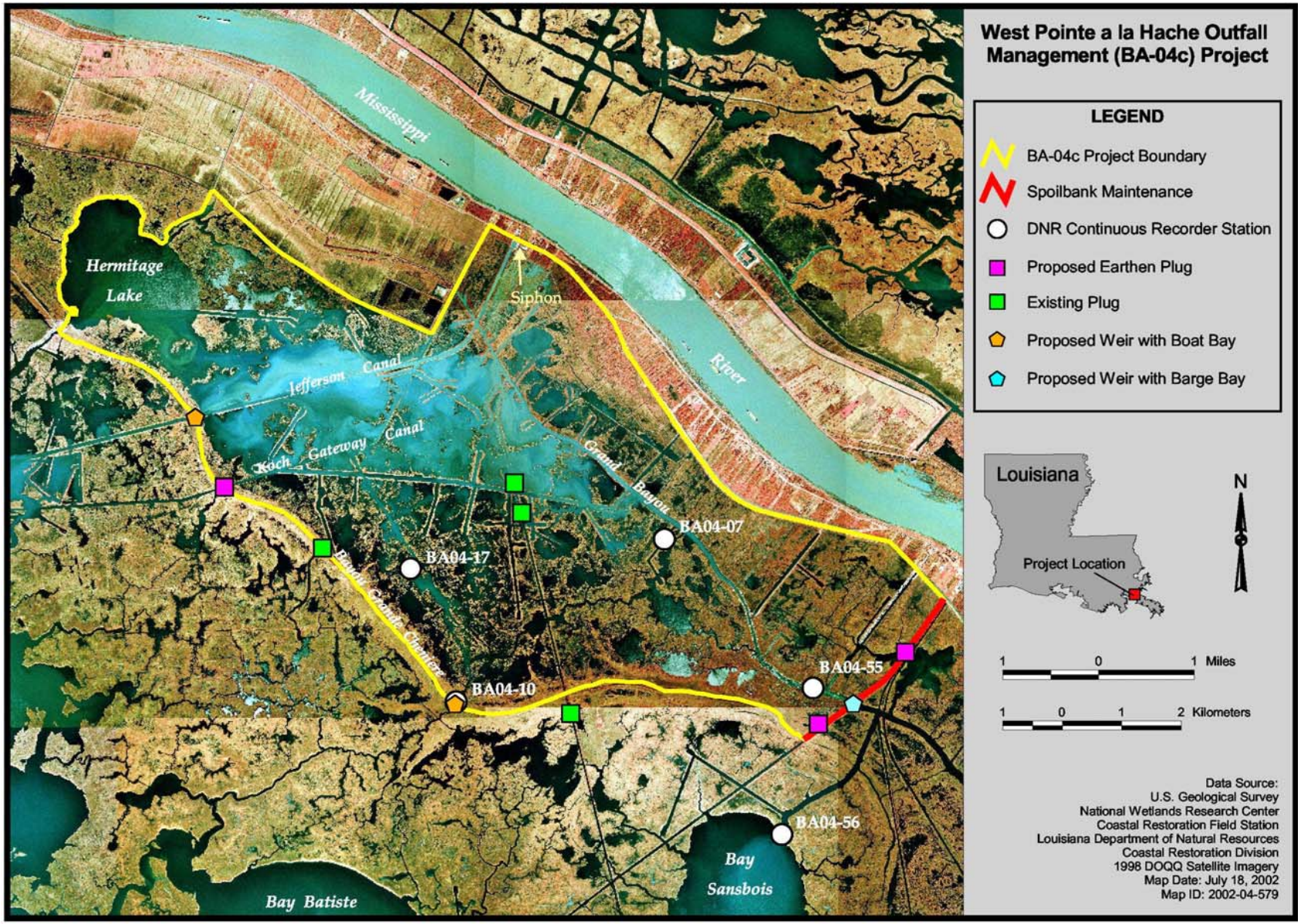

Figure 1. Original BA-4c Project Plan Features

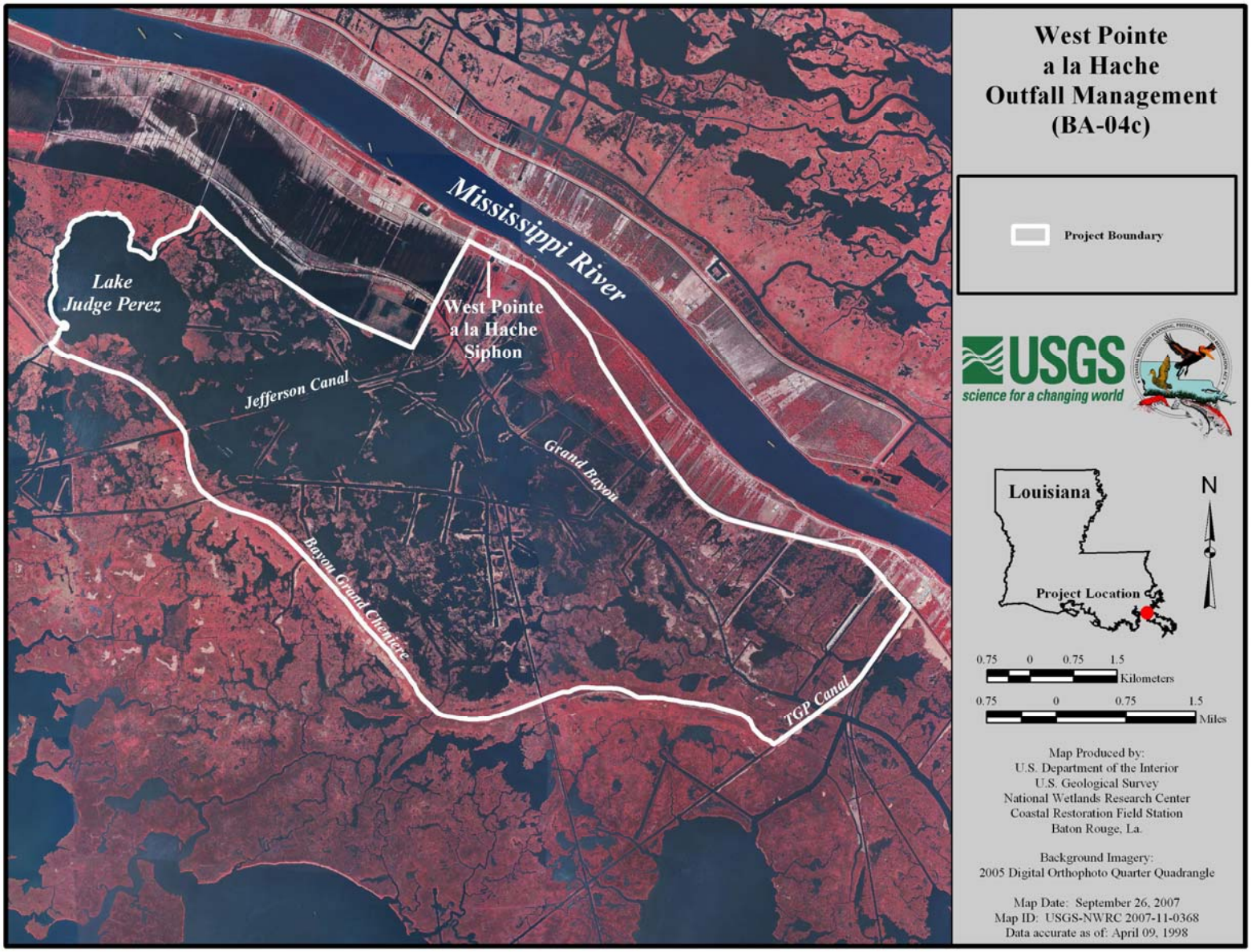

Figure 2. BA-4c Project Boundary Retained, As Approved by CWPPRA Environmental Workgroup.

-----Original Message-----
From: Chris Williams [mailto:Chris.Williams@LA.GOV]
Sent: Monday, August 18, 2008 7:40 AM
To: Steyer, Cindy - Baton Rouge, LA
Cc: 'WilliamJDelmar@dotd.la.gov'; Jurgensen, John - Alexandria, LA; Paul, Britt - Alexandria, LA
Subject: Re: BA-4c West Pointe a la Hache Siphon Improvements project

Cindy, the State concurs with your proposal outlined below.

Please let us know if you need any assistance.

CW

----- Original Message -----
From: Steyer, Cindy - Baton Rouge, LA <cindy.steyer@la.usda.gov>
To: Chris Williams
Cc: WilliamJDelmar@dotd.la.gov <WilliamJDelmar@dotd.la.gov>; Jurgensen, John - Alexandria, LA <john.jurgensen@la.usda.gov>; Paul, Britt - Alexandria, LA <britt.paul@la.usda.gov>
Sent: Fri Aug 15 15:00:51 2008
Subject: BA-4c West Pointe a la Hache Siphon Improvements project

Hi Chris,

As we are preparing the final items for submittal of the BA-4c Scope Change report to the Tech Committee & Task Force, there is another issue
for which we would like to coordinate with CPRA. As you know, the project cost has been estimated to increase 23.5% with the new project
focus - from $4,269,287 to $5,272,959.

If the Task Force concurs with the project scope change, NRCS would
prefer not to request the necessary additional funds at this time, and instead continue & complete E&D using the unspent funds in the other
project categories. NRCS & CPRA would then request the additional amount determined necessary at the time construction approval is requested from the Task Force. As this is not a cash-flow project, all

of the original project funds have already been allocated and the remaining balance is more than sufficient to complete the anticipated E&D tasks. Once the detailed E&D is complete, estimates for the construction and other costs would be supported with more accurate information, and subsequently, the request for additional funds will be
well substantiated.

Per the language in our cost sharing agreement, the existing project funds that remain can readily be moved from another category to E&D via
a letter agreement between DNR and NRCS.

Please let us know as soon as conveniently possible if CPRA concurs with
making the official request for additional project funds when the construction authorization is requested.

Thanks very much for your consideration.

Cindy S. Steyer
USDA NRCS

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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November 5, 2008

PUBLIC OUTREACH COMMITTEE QUARTERLY REPORT

For Report:

Mr. Dave Marks will present the Public Outreach Committee Quarterly Report.

Breaux Act Public Outreach Committee (POC)
Report to the Breaux Act Task Force
July – September 2008

REPORT SUMMARY:

- ***Due to hurricanes Gustav and Ike, the CWPPRA Dedication scheduled for October 10, 2008 was postponed. Alternate dates are being considered.***
- ***The CWPPRA POC Strategic Plan is nearing completion. The new plan will improve outreach efforts by placing special emphasis on electronic and social media (new web site, redesigned Breaux Act Newsflash, electronic WaterMarks, CRMS, listservs, online forums etc.).***
- ***WaterMarks #39 will highlight the value of CWPPRA projects to Louisiana and the rest of the nation.***
- ***"Turning the Tide" brochure is in the final stages of production.***
- ***The CWPPRA POC will continue to build support for its projects and other coastal restoration efforts by providing information and support to its partners and other important stakeholders.***

CWPPRA POC Meetings/Conference Calls

CWPPRA POC – Workgroup Conference Call
07/16/08 Agenda:

- ✓ CWPPRA POC Strategic Plan

CWPPRA POC – Meeting
07/23/08 Agenda:

- ✓ CWPPRA POC Strategic Plan
- ✓ Outreach Budget
- ✓ October Dedication
- ✓ Conferences and events

CWPPRA POC – Workgroup Conference Call
08/19/08 Agenda:

- ✓ Dedication

CWPPRA POC – Meeting
08/27/08 Agenda:

- ✓ Strategic Plan
- ✓ Outreach Budget
- ✓ Conferences and events

CWPPRA POC – Workgroup Conference Call
09/24/08 Agenda:

- ✓ WaterMarks #39

National and International Outreach

LaCoast website statistics for 1st Quarter:

- Successful requests: 3,835,054
- Successful requests for pages: 1,308,363
- Data transferred: 474.87 gigabytes
- Average data transferred per day: 5.16 gigabytes

Breaux Act Newsflash subscribers: 1,915

WaterMarks subscribers: 7,478

Regional Outreach:

Presentations, Exhibits, Fieldtrips, Meetings and Conferences:

- 07/01/08 Meeting: GOMA UUP
- 07/17-19/08 Exhibit: LA Ducks Unlimited State Conference
- 07/31/08 Presentation: "Butterflies Summer Program"
- 08/22-24/08 Exhibit: Acadiana Great Outdoors Expo
- 09/30/08 Meeting: BTNEP Management Conference

- **Partnerships**:
  - **Ongoing:**
    - BTNEP Education Action Plan
    - GOMA Underserved/Underrepresented
    - GOMA Diversity Mini-Grants Program
    - GOMA Environmental Education Network
    - BTNEP / USGS Educational DVD Compilation
  - **Proposed:**
    - State Parks Traveling kiosk & creation of educational materials

- **Placement of kiosks:**
  - 10/01/05 - present Atchafalaya Welcome Center on I-10
  - 12/21/06 - present Audubon Zoo (Education Center), New Orleans
  - 01/05/07 - present Sci-Port, Shreveport

- **Placement of CWPPRA Educational Materials/Publications**
  - EPA, Tim Landers
  - Jefferson Parish School Board, Marjorie King
  - LWF, Randy Lanctot for LWF Conference
  - Lake Pontchartrain Institute New Orleans, La

- Booker Fowler Hatchery in Alexandria, La
- LSU Sea Grant Program Baton Rouge, La
- Audubon Institute: Aquarium & Zoo New Orleans, La
- Susan Horton, USGS/NWRC Lafayette, La
- Sharon Nabours, LSU AgCenter 4-H
- Pack and Paddle Lafayette, La
- Sci-Port Shreveport, La
- LSU Education and Curriculum Dept
- ULL EnviroSoc Class, Becky Boudreaux
- Acadiana Park Nature Station, Lafayette, La

- **Request for Photographs, Maps, Images**
  - America's Wetlands – 2004 Southeast LA Land Loss
  - Gaye Farris, USGS / NWRC

- **Daily requests and information distributions** *(As of: 09/30/08)*
  - Responding to requests for information/material/photos by telephone, email, LaCoast- 20
  - Breaux Act Newsflashes – 25
    - July - 10
    - August - 10
    - September - 5
  - LaCoast.gov calendar - 6
  - Breaux Act Newsflash subscribers: 1,915
  - WaterMarks subscribers: 7,478

Upcoming Workshops, Trainings, Presentations and Educational Meetings:

- 10/11/08 Voice of the Wetlands
- 11/11-13/08 IPEC Conference
- 11/13/08 Ocean Commotion
- 11/15/08 La Fête d'Ecologie
- 11/21/08 Math and Science Expo

Media Coverage Mentioning CWPPRA or CWPPRA Projects
July – September 2008

Source of Article:	Date	Title of Article
OilOnline.com	July 11, 2008	Offshore sand for Pelican Island restoration project in Louisiana
KATC.com	July 11, 2008	Offshore sand to be used for restoration
The Times- Picayune	July 12, 2008	Flood-protection plans put on hold
Baton Rouge Business Report	July 15, 2008	No givesies backsies
Daily World.com	July 16, 2008	Outdoor bills that survived the 2008 legislature
Houma Courier	July 17, 2008	Funneled sediment could speed coastal restoration
Daily Comet.com	July 21, 2008	New Shoreline Will Protect Dulac from Encroaching Lake
Houma Courier	July 21, 2008	New Shoreline Proctecs Dulac from Flooding
The Times- Picayune	July 23, 2008	Wetlands Save States Billions, New Study Says
America's Energy Coast	July 24, 2008	The Coast Guardians
Daily Kos	July 24, 2008	Horizontal Levees
America's Wetlands Foundation	July 24, 2008	Leaders Land in Dubuque to Dramatize link between America's Wetland & America's River
Public Works	July 24, 2008	Huge fresh water diversion project rescues Louisiana Wetlands
New Orleans City Business	July 24, 2008	MMS to Provide sand for Plaquemins Parish Coastal Restoration
BestofNewOrleans.com	July 24, 2008	Mr. Bush, Keep Your Word
Red Orbit.com	August 12, 2008	Worry Over Wetlands
995fm.com	August 13, 2008	Governor Announces Plans for Coastal Restoration
The Times- Picayune	August 13, 2008	Budget Surplus is Windfall for Coast
2theadvocate.com	August 14, 2008	More Restoration Funds Allocated
BestofNewOrleans.com	August 26, 2008	Coast Guarding
Houmatoday.com	Sept. 23, 2008	In other Action

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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~~STATUS OF THE DONALDSONVILLE TO THE GULF FEASIBILITY STUDY~~

For Discussion:

The USACE will provide a brief on the status of the Donaldsonville to the Gulf Feasibility Study and how the study process is considering potential impacts to existing and proposed CWPPRA projects.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

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ADDITIONAL AGENDA ITEMS

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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REQUEST FOR PUBLIC COMMENTS

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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ANNOUNCEMENT: DATE OF UPCOMING CWPPRA PROGRAM MEETING

Announcement:
The PPL 18 Public Meetings will be held November 18, 2008 at 7:00 p.m. at the Vermilion Parish Police Jury Courthouse Building, Courtroom #1, 2nd Floor, 100 North State St., Abbeville, Louisiana and November 19, 2008 at 7:00 p.m. at the U.S. Army Corps of Engineers, 7400 Leake Ave., New Orleans, Louisiana in the District Assembly Room (DARM).

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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ANNOUNCEMENT: SCHEDULED DATES OF FUTURE PROGRAM MEETINGS

Announcement:

		2008	
November 18, 2008	7:00 p.m.	PPL 18 Public Meeting	Abbeville
November 19, 2008	7:00 p.m.	PPL 18 Public Meeting	New Orleans
December 3, 2008	9:30 a.m.	Technical Committee	New Orleans
		2009	
January 21, 2009	9:30 a.m.	Task Force	New Orleans

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

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DECISION: ADJOURN