

ARCHIVED PDF

# **BREAUX ACT**

**COASTAL WETLANDS, PLANNING, PROTECTION  
AND RESTORATION ACT**

**TASK FORCE MEETING**

**AUGUST 14, 2003**

# **BREAUX ACT**

## **COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**

### **TASK FORCE MEETING AGENDA**

August 14, 2003, 9:30 a.m.  
District Assembly Room A - New Orleans District  
U.S. Army Corps of Engineers  
7400 Leake Ave., New Orleans, Louisiana 70118

Documentation of Task Force and Technical Committee meetings may be found at:  
[http://www.mvn.usace.army.mil/pd/cwppra\\_mission.htm](http://www.mvn.usace.army.mil/pd/cwppra_mission.htm) or  
<http://lacoast.gov/reports/program/index.asp>

**Agenda/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. Adoption of Minutes from April 16, 2003 Task Force Meeting: 9:40 a.m. to 9:45 a.m.**
  
- 3. Status of Breaux Act Program Funds and Projects (Browning): 9:45 a.m. to 9:50 a.m.**

Ms. Gay Browning will discuss the construction program and status of the CWPPRA accounts.
  
- 4. Decision: Request to Authorize the Technical Committee to Modify the CWPPRA Standard Operating Procedures (SOP) to Allow Phase II Authorization at Any Regular Quarterly Task Force Meeting (LeBlanc): 9:50 a.m. to 9:55 a.m.**

Ms. LeBlanc will present the Technical Committee's recommendation to allow the modification of the SOP to allow Phase II authorizations at any regular quarterly meeting of the Task Force.
  
- 5. Report/Decision: Prioritization Process for Future PPL 1-12 Phase II Authorizations (LeBlanc): 9:55 a.m. to 10:05 a.m.**

Ms. LeBlanc will present the results of the analysis by the Technical Committee to prioritize projects on PPLs 1-12 for which construction has not been authorized and will make a recommendation to the Task Force regarding conditions for updates of individual project scores. The public will be given an opportunity to provide comments on the results of the analysis.
  
- 6. Decision: Agency Response on Moving PPL 1-8 Projects into Cash Flow (LeBlanc): 10:05 a.m. to 10:15 a.m.**

Ms. LeBlanc will present the results of a more detailed analysis by the Technical Committee regarding operations, maintenance, and monitoring (OM&M) for PPL 1-8 projects in the event the Task Force decides to apply cash flow procedures to PPL 1-8 projects.

- 7. Decision: FY04 Planning Budget (LeBlanc): 10:15 a.m. to 10:35 a.m.**  
The Task Force is requested to provide direction regarding development of a PPL 14 list, LCA funding scenarios under CWPPRA and supplemental tasks in support of the development of the FY04 Planning Budget.
- 8. Decision: Request for Construction Approval for the Terrebonne Bay Shoreline Protection Demonstration Project (TE-45) (LeBlanc): 10:35 a.m. to 10:40 a.m.**  
Ms. LeBlanc will present the Technical Committee's recommendation for Task Force approval for Terrebonne Bay Shoreline Protection Demonstration project. The original fully funded cost is \$2,296,721 for this project. The Technical Committee recommends construction approval to the Task Force contingent upon successful oyster lease negotiations and inclusion of costs for removal of project structures in the budget. The cost to remove structures is \$401,250 (2003 dollars). The revised fully funded cost is \$2,697,971 without inflated cost for removal of structures.
- 9. Decision: Request for Phase II Authorization for the Black Bayou Bypass Culverts Project (CS-29) (LeBlanc): 10:40 a.m. to 10:45 a.m.**  
Ms. LeBlanc will present the Technical Committee's recommendation for Task Force approval for Phase II approval for the Black Bayou Bypass Culverts project. This project will benefit 540 acres. The fully funded Phase II cost is \$5,135,237. The Task Force is asked to approve \$3,543,770 for construction and the first 3 years of OM&M. The Technical Committee recommends Phase II construction approval to the Task Force.
- 10. Decision: Request for Additional Funding for the Jonathan Davis Wetland Restoration Project - Construction Unit 4 (BA-20) (LeBlanc): 10:45 a.m. to 10:50 a.m.**  
Ms. LeBlanc will present the Technical Committee's recommendation for Task Force approval for additional funds in the amount of \$16,406,888 for Jonathan Davis Wetland Restoration – Construction Unit 4. The Task Force is asked for approval of \$16,406,888 additional funds.
- 11. Decision: De-authorization of Marsh Creation South of Leeville, (BA-29) (LeBlanc): 10:50 a.m. to 10:55 a.m.**  
Ms. LeBlanc will present the Technical Committee's recommendation for Task Force approval recommending that this project be de-authorized. The Technical Committee recommends that the Task Force initiate project de-authorization procedures.
- 12. Decision: Out-Year Funding of Operation, Maintenance, and Monitoring for Cash Flow Projects (PPL 9 and Later): 10:55 a.m. to 11:00 a.m.**  
The Task Force is requested to provide direction on the process for requesting funding approvals for OM&M requests beyond the first three years.
- 13. Decision: Request for Approval of Execution Plan for CRMS and FY04-06 Funding (Steyer): 11:00 a.m. to 11:05 a.m.**  
Mr. Steyer will present the proposed execution plan for CRMS. Approval of the CRMS Execution Plan and FY04-06 funding is requested of the Task Force.
- 14. Report: Status of the West Bay Sediment Diversion (MR-03) (Miller): 11:05 a.m. to 11:10 a.m.**  
Mr. Miller will provide an update on the contract advertisement, award, and construction schedule for the West Bay Sediment Diversion project.

15. **Report: Outreach Quarterly Report (Bodin): 11:10 a.m. to 11:15 a.m.**  
Ms. Gabrielle Bodin will provide a report on the Breaux Act Outreach Program.
16. **Report: Final 1<sup>st</sup> Year Report (2002) on the Results of the Coastwide Nutria Control Program (Marx): 11:15 a.m. to 11:20 a.m.**  
Mr. Jeff Marx of the Louisiana Department of Wildlife and Fisheries will present the final 2002 report on the Coastwide Nutria Control Program submitted to Department of Natural Resources titled “Nutria Harvest and Distribution 2002-2003 and A Survey of Nutria Herbivory Damage in Coastal Louisiana in 2003”.
17. **Report: Studies of Active Geologic Fault or other subsurface Impacts on Coastal Louisiana (Gagliano, Britsch and Morton): 11:20 a.m. to 12:00 p.m.**
- a. Dr. Woody Gagliano will present a summary of Coastal Environments Inc.’s study titled “Active Geologic Faults and Land Change in Southeastern Louisiana”. This study was funded by the U.S. Army Corps of Engineers. (15 minutes)
  - b. Mr. Del Britsch will present additional comments regarding the Coastal Environment Inc.’s study and the direction of future work addressing the understanding of active faults in coastal restoration. (10 minutes)
  - c. Dr. Bob Morton of the USGS will present “Subsurface Controls on Historical Subsidence Rates and Associated Wetland Loss in South-central Louisiana”. (15 minutes) (Dr. Morton’s complete presentation will be given at a National Academy of Sciences meeting the following day on August 15 at the Hotel Monteleone in New Orleans at 11:00 a.m.)
18. **Report: LCA Update – Public Meetings and Schedule (Constance): 12:00 noon to 12:05 p.m.**
19. **Additional Agenda Items 12:05 p.m. to 12:10 p.m.**
20. **Request for Public Comments 12:10 p.m. to 12:15 p.m.**
21. **Date and Location of the next Task Force Meeting: 12:15 p.m. to 12:20 p.m.**  
The next meeting of the Task Force is scheduled for 9:30 a.m., October 16, 2003, in Baton Rouge, Louisiana.
22. **Dates and locations of Upcoming CWPPRA Administrative Meetings (LeBlanc):**
- |                    |           |                     |             |
|--------------------|-----------|---------------------|-------------|
| September 17, 2003 | 9:30 a.m. | Technical Committee | Baton Rouge |
| October 16, 2003   | 9:30 a.m. | Task Force meeting  | Baton Rouge |
| December 10, 2003  | 9:30 a.m. | Technical Committee | New Orleans |
| January 28, 2004   | 9:30 a.m. | Task Force          | New Orleans |
| <b>New dates</b>   |           |                     |             |
| March 17, 2004     | 9:30 a.m. | Technical Committee | New Orleans |
| April 14, 2004     | 9:30 a.m. | Task Force          | Lafayette   |
| July 14, 2004      | 9:30 a.m. | Technical Committee | Baton Rouge |
| August 18, 2004    | 9:30 a.m. | Task Force          | New Orleans |
| September 15, 2004 | 9:30 a.m. | Technical Committee | Baton Rouge |

October 13, 2004	9:30 a.m.	Task Force	Baton Rouge
December 8, 2004	9:30 a.m.	Technical Committee	New Orleans
January 26, 2005	9:30 a.m.	Task Force	New Orleans

**23. Adjourn: 12:20 p.m.**

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

**TASK FORCE MEMBERS**

<u>Task Force Member</u>	<u>Member's Representative</u>
Governor, State of Louisiana	Karen Gautreaux Executive Assistant for Coastal Activities Office of the Governor State Lands and Natural Resources Bldg. Capitol Annex 1051 North 3rd Street Baton Rouge, LA 70802 (225) 342-4738; Fax: (504) 342-8320
Administrator, EPA	Mr. Miguel Flores Director, Water Quality Protection Division Region VI Environmental Protection Agency 1445 Ross Ave. Dallas, Texas 75202 (214) 665-7101; Fax: (214) 665-7373
Secretary, Department of the Interior	Mr. Dave Frugé Field Office Supervisor U.S. Fish and Wildlife Service U.S. Department of the Interior 646 Cajundome Blvd. Suite 400 Lafayette, Louisiana 70506 (337) 291-3115; Fax: (318) 291-3139

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

**TASK FORCE MEMBERS (cont.)**

<u>Task Force Member</u>	<u>Member's Representative</u>
Secretary, Department of Agriculture	Mr. Donald Gohmert State Conservationist Natural Resources Conservation Service 3737 Government Street Alexandria, Louisiana 71302 (318) 473-7751; Fax: (318) 473-7682
Secretary, Department of Commerce	Mr. Rollie Schmitten National Oceanic and Atmospheric Administration Director, Office of Habitat Conservation, National Marine Fisheries Service 1315 East-West Highway, Rm 15253 Silver Spring, Maryland 20910 (301) 713-0174; Fax: (301) 713-0184
Secretary of the Army (Chairman)	Col. Peter J. Rowan 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

COASTAL WETLANDS PLANNING, PROTECTION AND  
RESTORATION ACT

IMPLEMENTATION PLAN

**TASK FORCE PROCEDURES**

**I. Task Force Meetings and Attendance**

A. Scheduling/Location

The Task Force will hold regular meetings quarterly, or more often if necessary to carry out its responsibilities. When possible, regular meetings will be scheduled as to time and location prior to the adjournment of any preceding regular meeting.

Special meetings may be called upon request and with the concurrence of a majority of the Task Force members, in which case, the Chairperson will schedule a meeting as soon as possible.

Emergency meetings may be called upon request and with the unanimous concurrence of all members of the Task Force at the call of the Chairperson. When deemed necessary by the Chairperson, such meetings can be held via telephone conference call provided that a record of the meeting is made and that any actions taken are affirmed at the next regular or special meeting.

B. Delegation of Attendance

The appointed members of the Task Force may delegate authority to participate and actively vote on the Task Force to a substitute of their choice. Notice of such delegation shall be provided in writing to the Task Force Chairperson prior to the opening of the meeting.

C. Staff Participation

Each member of the Task Force may bring colleagues, staff or other assistants/advisors to the meetings. These individuals may participate fully in the meeting discussions but will not be allowed to vote.

D. Public Participation (see Public Involvement Program)

All Task Force meetings will be open to the public. Interested parties may submit written questions or comments that will be addressed at the next regular meeting.



## II. Administrative Procedures

### A. Quorum

A quorum of the Task Force shall be a simple majority of the appointed members of the Task Force, or their designated representatives.

### B. Voting

Whenever possible, the Task Force shall resolve issues by consensus. Otherwise, issues will be decided by a simple majority vote, with each member of the Task Force having one vote. The Task Force Chairperson may vote on any issue, but must vote to break a tie. All votes shall be via voice and individual votes shall be recorded in the minutes, which shall be public documents.

### C. Agenda Development/Approval

The agenda will be developed by the Chairperson's staff. Task Force members or Technical Committee Chairpersons may submit agenda items to the Chairperson in advance. The agenda will be distributed to each Task Force member (and others on an distribution list maintained by the Chairperson's staff) within two weeks prior to the scheduled meeting date. Additional agenda items may be added by any Task Force member at the beginning of a meeting.

### D. Minutes

The Chairperson will arrange for minutes of all meetings to be taken and distributed within two weeks after a meeting is held to all Task Force members and others on the distribution list.

### E. Distribution of Information/Products

All information and products developed by the Task Force members or their staffs will be distributed to all Task Force members normally within two weeks in advance of any proposed action in order to allow adequate time for review and comment, unless the information/product is developed at the meeting or an emergency situation occurs.

### III. **Miscellaneous**

#### A. Liability Disclaimer

To the extent permitted by the law of the State of Louisiana and Federal regulations, neither the Task Force nor any of its members individually shall be liable for the negligent acts or omissions of an employee, agent or representative selected with reasonable care, nor for anything the Task Force may do or refrain from doing in good faith, including the following: errors in judgement, acts done or committed on advice of counsel, or mistakes of fact or law.

#### B. Conflict of Interest

No member of the Task Force (or designated representative) shall participate in any decision or vote which would constitute a conflict of interest under Federal or State law. Any potential conflicts of interest must clearly be stated by the member prior to any discussion on the agenda item.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING

August 14, 2003

**ADOPTION OF MINUTES FROM THE April 16, 2003, TASK FORCE MEETING**

**For Information and Discussion**

Ms. LeBlanc 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 meeting minutes.

**BREAUX ACT**  
**Coastal Wetlands Planning, Protection and Restoration Act**

**TASK FORCE MEETING**  
**April 16, 2003**

**FINAL Minutes**

**I. INTRODUCTION**

Colonel Peter J. Rowan convened the fiftieth meeting of the Louisiana Coastal Wetlands Conservation and Restoration Act Task Force. The meeting began at 9:35 a.m. on April 16, 2003 at the Estuarine Habitats and Coastal Fisheries Center, Lafayette, Louisiana. The agenda is shown as enclosure 1. The Task Force was created by the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA, commonly known as the Breaux Act), which was signed into law (PL 101-646, Title III) by President George Bush on November 29, 1990.

**II. ATTENDEES**

The attendance record for the Task Force meeting is presented as enclosure 2. Listed below are the six Task Force members:  
Ms. Karen Gautreaux, State of Louisiana (Mr. Randy Hanchey substituting for a portion of the meeting)  
Mr. Miguel Flores, Environmental Protection Agency  
Mr. David Frugé, U.S. Department of the Interior  
Mr. Don Gohmert, U.S. Department of Agriculture  
Mr. Rollie Schmitten, U.S. Department of Commerce  
Colonel Peter J. Rowan, U.S. Army Corps of Engineers  
All of the Task Force members were in attendance.

**III. ADOPTION OF MINUTES FROM JANUARY 2003 TASK FORCE MEETING**

Colonel Rowan called for comments on the minutes from the previous Task Force meeting. There were none.

Mr. Rollie Schmitten moved to adopt the minutes from the January Task Force meeting, Mr. Dave Frugé seconded. The motion passed unanimously.

#### **IV. TASK FORCE DECISIONS**

##### **A. Request: Construction Approval for the Sediment Trapping at the Jaws Project.**

Mr. John Saia stated that the Technical Committee recommends that the Task Force approve funding in the amount of \$3,392,135 for this project. Mr. Dave Frugé moved to approve the Technical Committee recommendation.

Mr. Randy Hanchey, representing the State of Louisiana on the Task Force, asked a question about concerns brought up by local interests. He understood that there was one formal objection and asked if these issues have been resolved. Mr. Rollie Schmitten asked that John Foret, NMFS Project Manager, address this. Mr. Foret stated that there were two resolutions from Iberia and St. Mary's Parish, and both parishes have rescinded their resolutions. Mr. Rick Hartman stated that they met with Acadiana Bay Association last week and they were fully supportive of the project.

Colonel Rowan asked if there was anyone from the public who would like to address the Task Force on this project. There were no comments.

Mr. Dave Frugé moved to approve the Technical Committee recommendation. Mr. Miguel Flores seconded the motion. The motion passed unanimously.

##### **B. Request: Construction Approval for the Hopedale Hydrologic Restoration Project.**

Mr. John Saia stated that the Technical Committee recommends that the Task Force approve funds in the amount of \$1,562,000 for construction of the project.

Mr. Donald Gohmert moved to approve the Technical Committee recommendation. Mr. Dave Frugé seconded the motion. The motion passed unanimously.

##### **C. Request: Bayou L'Ours Ridge Hydrologic Restoration De-authorization.**

Mr. John Saia stated that de-authorization was requested by the lead agency, NRCS, and that the Task Force initiated de-authorization procedures at the January 2003 Task Force meeting. Letters were sent to affected landowners and elected officials seeking comments regarding the proposed de-authorization. No comments were received. The Technical Committee recommended that the Task Force de-authorize this project.

Mr. Dave Frugé moved to approve the Technical Committee recommendation to de-authorize the project. Mr. Rollie Schmitten seconded the motion. The motion passed unanimously.

**D. Request: CWPPRA Oyster Ad Hoc Committee.**

Dr. Good stated that in the summer of 2000, the Task Force asked that an interagency committee be formed, chaired by LDNR. The purpose was to develop an oyster lease program to have a mechanism to evaluate and compensate oyster fisherman so that projects could go forward. The overall recommendation stems from two years of meetings to find a mutually acceptable means to acquire oyster leases. The recommendation involves an appraisal as to the value of the lease and the cost of the crop.

Ms. Karen Gautreaux made the following motion:

*“The Breaux Act Task Force acknowledges receipt of the March 10<sup>th</sup>, 2003 report prepared by the Chairman of the Breaux Act Oyster Lease Ad Hoc Committee, and the draft regulations contained therein. The Task Force acknowledges that DNR has promulgated these draft regulations in accordance with La.R.S. 56:432.1, paragraph E.*

*The Breaux Act Task Force recognizes that project-specific Cost Share Agreements and federal law and regulations set forth the procedures for crediting DNR for the real estate interests that DNR provides to the project including oyster leases.”*

Mr. Don Gohmert seconded the motion. The Colonel asked for comments from the public. There were none. The motion passed unanimously.

**E. Request: Approval of the Implementation for the Coastwide Reference Monitoring System.**

Mr. Rick Raynie provided a briefing on the background of the Coastwide Reference Monitoring System (CRMS) and the approach used to develop a budget neutral plan. At the request of the Task Force in January 2001, the CRMS system was discussed. In April 2002, the Task Force approved CRMS in concept and authorized the development of a budget neutral plan. USGS and LDNR then started working on land rights and developing an implementation plan. They have met with agencies individually to discuss the implementation plan.

Mr. Miguel Flores pointed out that EPA was very supportive of using a probability-based monitoring design. He stated that it is a good approach to look at the cumulative effects of individual projects and to have in place a benchmark monitoring system. Mr. Flores asked if there was a QA plan. Mr. Rick Raynie stated that the monitoring program has a QA plan, approved by EPA. In fact, they recently went through an audit by EPA and got high marks. They plan on using the same QA plan. In response to a question from Mr. Flores concerning project-specific monitoring, Mr. Raynie stated that they are not suggesting that we discontinue specific project monitoring, but that monitoring will include CRMS stations as part of their monitoring, as well as other data sets available.

Ms. Karen Gautreaux stated that she understands that there are questions about specifics and that those questions may not be able to be answered in any detail until it starts. Therefore, can LDNR/USGS provide quarterly reports to the Task Force, in addition to annual reports? It does not have to be presented at every meeting, but, she would like it to be part of the material that is sent out to the Task Force as part of the binder.

Mr. Dave Frugé stated that he liked Ms. Gautreaux's idea about a feedback loop. He said he was in favor of the program and made three points: (1) it won't cost more, (2) it is a better vehicle to fold in other monitoring, and (3) it will give us better planning information. He is in favor of the proposal.

Mr. Rollie Schmitten stated that initially, NMFS did have questions, but based upon the comments from an outside peer review, they support the approach. The program improves the data collection and improves the cost.

Mr. Randy Hanchey stated that he continues to have questions. He suggested that they have early meetings with contracting and funding staff to work out the details on how we will do this.

Colonel Rowan stated that he doesn't see why this plan doesn't have to follow the same rules as other projects. They will have to come back and request additional funds for any cost over-runs.

In response to Mr. Hanchey's question about the need to amend CSAs, Colonel Rowan stated that since each project has monitoring included as a line item in their CSAs, the funds do not need to be taken out of the CSAs. Monitoring could be conducted in-house, by contract, or through CRMS. He doesn't think that the CSAs need to be modified. It will just be provided to another "service provider". If anything, the CSAs emphasize that CRMS has a cost limit by specific project.

Mr. Rollie Schmitten made the following motion:

*"That the Task Force approves CRMS as submitted, contingent upon the development of an execution plan with the Louisiana Department of Natural Resources and other appropriate participants, to be presented at the August Task Force meeting. Further, it is the Task Force's expectation that CRMS will be a program having a budget which will be submitted annually for approval by the Task Force."*

Mr. Frugé seconded the motion. The motion passed unanimously.

It should also be clearly noted that is the expectation of the Task Force that the CRMS program will provide quarterly reports to the Task Force on progress made to date.

#### **F. Request: Approval of the Prioritization Process for Future PPL 1-12 Phase II Authorizations.**

Following a brief overview of the efforts on the agenda item by Mr. John Saia, Ms. Julie LeBlanc presented a Powerpoint presentation on the proposed criteria and plan for implementation. On the slide regarding Criterion 3, Implementability, Mr. Rick

Hartman commented that as projects move forward to construction the point score for this criterion will likely change. In fact, when a project is ready to construct, the point score for that project should be a “10”. Mr. Dave Frugé stated that because of this one would expect updating of project scores.

Following the presentation, Colonel Rowan asked for comments.

Mr. Randy Hanchey stated that it was not clear in his mind how the criteria will be used. Is it static and we decide that we will never build some projects? Or is it a way to allocate available funds on projects?

Mr. John Saia said that the ranking will be provided to the Task Force for their use, as they see fit.

Mr. Hanchey asked: Does this mean that they will be expected to de-authorize projects that are low on the list?

Mr. John Saia stated: No. He also elaborated that funding could go up or the authorization could be extended.

Mr. Rick Hartman stated that the Task Force will also be provided additional information with the ranking. The intent is that we look at all projects in the ranking. The intent was to have the Technical Committee review all projects not yet approved for construction, but there will be additional information on projects that could be funded under other funding sources. The Corps will also provide the implementation schedule for all ranked projects. There is not an expectation to hold money back for a project that is 10 years down the road, but, you may withhold funds for a project that is coming up soon.

Mr. John Saia emphasized that it is a decision making tool.

Mr. Dave Frugé stated, in essence, that all of us realize the need to move the best projects forward, but we have to balance that with the need to build the best projects.

Mr. Hanchey, representing the State of Louisiana on the Task Force, stated that this all assumes that there are appropriate criteria. There are number of these criteria that would allow certain project types to receive points in a number of places. In addition, he is not sure if the weighted score is correct either. He suspects that if we try to turn this into a pure numeric process, everyone will be unhappy.

Mr. Don Gohmert stated that if we accept the criteria as a tool, it may not be perfect, but if it allows us to rank one against the next, it is helpful. We have to be about building projects. If we do have a group of projects that come up for approval, this process will give us the greatest return for the dollars that we invest. I hope that we don't get into holding money for a better project. If we can satisfy ourselves that if it comes times to make a decision and if the project will not be ready for 6 months, we have to make that decision.

Mr. Hanchey, representing the State of Louisiana on the Task Force, stated that the problem that we face is that we are doing E&D for projects that we cannot build. Now we are going to face the situation that we will not proceed with projects on later lists. We created an expectation for PPL1-8, but not for PPL9-12.

Mr. Rollie Schmitten stated that he was prepared to take that risk. It is a prioritization system, we can at least evaluate against some criteria.

Mr. Randy Hanchey asked if there would be an opportunity for review? Mr. John Saia stated that there was opportunity for the Task Force to comment [the proposed



criteria was sent to the Task Force, including Mr. Hanchey, via email on 12 Mar 03] and the next step is to implement the criteria.

Mr. Rick Hartman stated that the ranking process needed to be implemented in June of this year, so the Task Force has to address it now.

Mr. Dave Frugé stated that he has been following the development of the criteria all along, had identified his concerns, and that those concerns had been addressed by the Technical Committee.

Mr. Don Gohmert stated that it is a tool, and not a decision-making mechanism. Approving the process does not commit us to using it.

Mr. Miguel Flores stated that it is a tool available to make a decision on whether or not to fund a project.

Mr. Bob Jones, representing Terrebonne Parish, stated that if CWPPRA starts banking money again, this is a problem. The Task Force must indicate that this is a tool, CWPPRA should not bank large sums of money.

Mr. O'Neil Marlborough, representing Jefferson Parish, read a letter from Jefferson Parish. Part of the letter stated that it has always been understood that projects will be funded as funding is required. When they supported cash flow, it was stipulated that only the projects on future lists would be subject to cash flow. They do not support "re-evaluation" of projects. They support a prioritization of those projects that are ready for construction, and that projects should not be put on hold for projects with a higher priority. After reading the letter, Mr. Marlborough stated that if you look at the criteria, it is doomed to fail.

Mr. Randy Moertle, representing several coastal landowners in the state, stated that he is concerned about the prioritization. It is commendable that they tried to put a score on each project. When the public finds out where project scoring falls, you will hear from the public. The box on the graph showed that there was an opportunity for public comment, and he doesn't feel that the comments were incorporated. For PPLs 11 and 12, they had the highest ranked project, however, there is no criteria for protection of infrastructure in the suggested criteria. What is the public "court of appeals" if he disagrees with the score assigned? His recommendation is that if there are projects that are ready to go, they should be funded.

Colonel Rowan stated that the "court of appeals" is this Task Force.

Mr. Sherril Sagrera, a landowner and representative of the Parish Advisory Committee on Coastal Affairs, stated that he has problems with the scoring system. He is afraid that this criteria system will be the same as the 2050 criteria scoring system. He has a problem with addressing areas of need or high loss. In his opinion, Freshwater Bayou and other areas are "hot spots" and will only get 3 points for that criterion.

In response to a Task Force representative's question, Mr. Randy Hanchey, on who will complete the ranking, Mr. Saia answered that the Engineering and Environmental Work groups will be doing the ranking. There will be public comment allowed on the ranking at the Technical Committee meeting in July 2003.

Mr. Don Gohmert stated that in light of the eloquent pleadings that we have heard, we should probably talk about how to apply it. Right now we have 9 projects scheduled to request Phase II approval in August 2003 and not enough money. What if

we only have 3 projects that come up, and we have enough money. Do we fund them all? Mr. Gohmert answered for himself: Yes.

Mr. Frugé stated that if a project comes up and is at the bottom of the list, he may not vote to fund it.

O'Neil Marlborough suggested a solution. If each one of these agencies would come with a scoring using the criteria, he would be more comfortable with it. The public doesn't have access to the Environmental and Engineering Workgroup meetings. There is no public input into the workgroup process. The chances of getting a ranking of projects that is "accurate" is unlikely. He would rather each agency come to the Task Force with their proposed ranking, and present it to the public. They commented on the process at the Technical Committee meeting, and not one thing changed.

Mr. Rollie Schmitten made a motion that the criteria process should be applied to all PPL1-12 projects that have not yet been approved by the Task Force and the ranking results should be presented at the July 16<sup>th</sup> Technical Committee meeting. It should be noted that the criteria process is not the determining factor in whether or not to fund a project.

Mr. Saia stated that all projects would be ranked.

Mr. Dave Frugé seconded the motion. The motion passed unanimously.

#### **G. Request: Add the Freshwater Bayou Project on PPL 13 for further evaluation.**

During the request for public comment agenda item, Mr. Charles Broussard, representing the Vermilion Parish Coastal Advisory Committee, stated that they are primarily interested in the Mermentau Basin since the dredging of the Freshwater channel. Prior to the dredging of the Freshwater channel, which was done for the benefit of the entire nation, the FWS-sponsored annual count for ducks was 1,800,000-2,000,000. The last count was a little over 200,000. He happened to be at the hearing from the Corps of Engineers in Abbeville years ago on the channel dredging project. He asked how the levee would be maintained. The Corps stated that normal maintenance of the channel would maintain the levee. After construction, the channel exceeded its authorized depth and width. Vermilion Parish had General Marshall come down [to assess the situation], he stated that the Corps had an obligation to maintain the levee (in reviewing the minutes). He re-built this levee without rock. Again, this levee has disappeared. Mr. Broussard asked that the Task Force reconsider the number of projects being considered under PPL13, the Vermilion Parish Coastal Advisory Committee asked for reconsideration of this vote.

Mr. Randy Hanchey asked if the Task Force should make some sort of response to Mr. Broussard on adding Freshwater Bayou to the PPL13 candidate list. LDNR supported the project. The Colonel asked if there were any comments from the Task Force members? There was a period of informal discussion, before deliberations resumed.

Mr. Miguel Flores stated that he thinks that adding Freshwater Bayou to the list sets a bad precedent. Mr. Dave Frugé said that in looking at the detailed scores (provided by the Technical Committee), there is another project ahead of this one. He is not

inclined to add two projects. Mr. Don Gohmert stated that he had no problem either way, but he felt that all of the projects ranked third should be added if this one is. Mr. Saia stated a concern about additional staff requirements to evaluate the additional projects. The Colonel asked for a motion.

Mr. Randy Hanchey, representing the State of Louisiana on the Task Force, moved that the Task Force add Freshwater Bayou to the list of those that will continue with further analysis. Mr. Don Gohmert seconded the motion. Those voting in favor of the motion: Randy Hanchey and Don Gohmert. Those opposed: Dave Frugé, Rollie Schmitten, and Miguel Flores. The motion did not carry.

## **V. INFORMATION**

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

Ms. Gay Browning reported on the status of Breaux Act funds and projects, referencing handouts included in the binder. She also reported that the current estimate is \$1.4 billion dollar if everything under PPL1-12, including complex projects, were funded. Ms. Browning stated that if all projects scheduled to ask for funding in August 2003 (9 projects), the program will be short by \$40M. She also stated that she had performed an initial closeout of projects by agency: the Corps owes LDNR \$43,000 for 10 completed construction projects, the FWS owes LDNR \$102,000 for 5 completed projects, NRCS owes LDNR \$250,000 for 5 completed projects, and the program will also need to return \$1.4M from NMFS and \$378K from FWS because of the recent change in escrow requirements. Mr. Randy Hanchey, representing the State of Louisiana on the Task Force, asked for a copy of the closeout report, detailed by project.

### **B. Report: Selection of Eight Candidate Projects to Evaluate for PPL13 by the Technical Committee.**

Mr. John Saia provided an update on the Technical Committee's progress on the 13<sup>th</sup> PPL development. He stated that earlier this year Regional Planning Team (RPT) meetings were held, and nominations of up to 2 projects per basin were accepted. A total of 17 projects were nominated by the RPTs. On March 26, 2003, the Technical Committee met and selected 8 projects for further evaluation. Later this year, the Technical Committee will meet to select projects to recommend, for approval by the Task Force in January 2004.

### **C. Report: Status of the Coastwide Nutria Control Program.**

Mr. Greg Linscombe, LWLF, presented a document on the Coastwide Nutria Control Program. He provided a summary of the number of tails and funds paid out and stated that they will have a much more detailed report for the Task Force in August. Mr. Mr. Don Gohmert said that it is truly a control program, and we should continue the

program. Mr. Dave Frugé mentioned that there has been recent Federal legislation on nutria control, and asked Mr. Linscombe to elaborate. Mr. Linscombe indicated that a congressional representative is working with the FWS, and they (Congress) have authorized a program to allocate \$2M to Louisiana and \$4M to Maryland, annually, during the period 2004-2008. Cost sharing is 75% Federal, 25% non-Federal. Funding needs to be appropriated. The program could be used in conjunction with the CWPPRA program. Mr. Rollie Schmitten noted for the record, he would like to commend the sponsors of the nutria control program. This had every element of being controversial, but it was handled professionally. It looks like they will meet the target of 400,000 nutria removed by next year.

#### **D. Report: Status of Letter to Senator Breaux.**

Mr. John Saia stated that Mr. Greg Miller will present a graph that will lead into the discussion on moving PPL1-8 projects to cash flow and prioritizing all projects not yet approved for construction on PPLs 1-12. Mr. Greg Miller said that each Task Force member was handed out a copy of the letter that was sent from the Corps to Senator John Breaux, along with the graph that he will now present. Mr. Miller explained each of the lines on the graph: actual Federal and non-Federal receipts into the program, projected through 2009 (blue line); current estimate for Task Force approvals, projected assuming that all projects request construction funding (orange line); and obligations to date (green line). There is a \$395 Million gap between the anticipated funds into the program through 2009 and the funding need on PPLs 1-12. This gap is the reason that the Task Force must consider the two agenda items previously mentioned.

Mr. Miguel Flores asked if the graph shows that we have already spent more than what we have? Mr. Miller answered: No. He further explained that the dashed portions of the line is the projection if the Task Force were to approve all projects that are currently scheduled on PPLs 1-12. Mr. Miller said that the point is that the Task Force cannot allow the green line (obligations) to go above the blue line (funds in-hand).

Mr. Randy Hanchey asked why the orange line (Task Force approvals) was higher than the funds in-hand in the first years of the program. Ms. Gay Browning stated that from the beginning, the baseline estimate was always more than funds in-hand.

#### **E. Report: Moving PPL1-8 Projects into Cash Flow.**

Following a brief introduction of the efforts on this agenda item by Mr. John Saia, Ms. Julie LeBlanc presented a Powerpoint presentation that outlined the typed document put together under the direction of the Technical Committee.

Secretary Caldwell stated that we must go back to making the fundamental distinction between not having funds explicitly “obligated” and the “commitment” of the Task Force to fund OM&M. We are going to have to manage our cash. This goes back to the non-cash flow process. If there is a commitment (legal obligation), the Task Force will have to include funds for this obligation for OM&M first each year. Every year these commitments will have a higher priority than starting new projects.

Mr. Hanchey stated that we have already made this decision with PPL9 onward. We realize that we have an obligation to fund OM&M on PPL9 onward; thus, we need to spend our money first on these commitments. We should defer constructing new projects.

Mr. Flores agreed with the Secretary on the obligations that we need to meet. We need to meet our commitments and we need to live within our means.

Mr. Don Gohmert stated that if we do this, we have to make sure that we discipline ourselves to do this first and not approve projects for construction. This has to come off the top, because there are legal implications. We have to be forced to look at these obligations first.

Mr. Randy Hanchey stated that no one [outside of the CWPPRA program] has money in the bank for future obligations. He also stated that on some of these projects, we may need to discontinue OM&M.

The Colonel asked for public comments on this agenda item:

Mr. Bob Jones, representing Terrebonne Parish, stated that they have several projects on PPL1-8 and it is his understanding that those funds are put aside now. Under cash flow, there are no guarantees. On the prioritization process, they really don't have a problem with evaluating projects on a year-to-year basis. They have a problem if ALL projects go into the prioritization process, because a large project that will be built down the road may end up on the top of the list. If it is an overall ranking and some projects have to wait, they would object to moving PPL1-8 to cash flow because they would have to compete with other projects.

O'Neil Marlborough, representing Jefferson Parish, stated that their position is the same as Terrebonne's. They support the moving of OM&M on PPL1-8 to cash flow. Early on, the parish was the permit holder, and therefore, they are responsible for maintaining the project. They took it upon themselves that there was a trust, and they still trust that the sponsoring agency will maintain the projects. They did not even address what would happen after 20 years, because it was too far down the road. They took it on with the support of the Task Force to provide the commitment to the OM&M.

Secretary Caldwell stated: Yes, we are obligated to honor those commitments.

Mr. Rollie Schmitten stated that it is really important to note that the Task Force has to discipline themselves to maintain commitments.

Mr. John Saia returned to the Technical Committee recommendation on the agenda item. He stated that if the Task Force decides to request moving the OM&M for PPL1-8 to cash flow, the Technical Committee ask that the Task Force approve the process provided. It is understood that the Technical Committee has to apply this process and recommend a list of items to consider. Colonel Rowan asked if it would it be feasible to outline the impacts of imposing the process on their projects and provide a report back in August. Mr. Saia stated that this can be done by the August Task Force meeting.

Mr. Dave Frugé stated that they would like the Technical Committee to go through the process so that they know what they are approving (i.e., identify specific projects for which long-term O&M commitments are critical). He also stated that it sounds like most of the work done regarding this item has been at the conceptual level,

and that the Task Force wants more detail (regarding specific O&M commitments to be retained). Each agency was asked to give feedback to the Task Force on their specific projects at the next Task Force meeting.

#### **F. Report: Outreach Committee Quarterly Report.**

Mr. Scott Wilson presented the quarterly report to the Task Force, going over the handout that was provided in the binder. Dr. Bill Good commented on recent interviews with CNN Natural South (Secretary Caldwell and Ted Falgout). Dr. Good stated that they toured the Caernarvon Diversion structure, interviewed Ken Bolinger and went out to see the Christmas tree projects. Mr. Scott Wilson also stated that the Outreach Committee had recently provided Mr. King Milling with outreach materials.

Mr. Wilson stated that at the October Task Force meeting, the Task Force voted to allow the Outreach Committee to roll over existing funds in the amount of \$100,000. He stated that \$15,000 has been set aside for White House helicopter tours, currently scheduled for next month. The breakdown for the remaining \$85,000 include: (1) LA Coastal Survival Summit, (2) Society of Environmental Journalists (they cannot take funds from sponsors such as Shell, Exxon, etc.), (3) reprints of additional CWPPRA material, and (4) attend additional conferences.

Mr. Mike Dunn, reporter with the Baton Rouge Advocate and member of Society of Environmental Journalists, stated that Mr. Scott Wilson is asking for funding to help pay for their conference this year. Folks are always asking that the journalists “tell the story of coastal erosion in Louisiana”. There will be working journalists in attendance and much of the focus of the program will be on wetlands. He asked that the Task Force support their proposal.

Ms. Lori LeBlanc, Executive Director of Restore or Retreat and on the Governor’s Advisory Commission, stated that she was recently in Washington with a focus on the coast. However, it is more effective to bring people to the coast to be on the front line. The conference that they are advocating [for funding from the Outreach Committee] will be held from August 26-28<sup>th</sup> at LUMCON.

Mr. Rodney Gilbeaux, citizen of Cameron Parish, commented on Outreach activities that he was recently involved in. He stated that they are doing what they can to publicize the problem.

Mr. Rollie Schmitten asked if the Task Force officially approved the funds discussed previously. Colonel Rowan stated that the Outreach Committee was only required to report back to the Task Force.

#### **VI. Additional Agenda Items**

There were no additional agenda items.

## **VII. Request for Public Comments**

Mr. Ted Beaulieu, representing the Acadiana Bay Association, stated that he has no objection with the Sediment Trapping at the Jaws. If they could have sediment trapping along the banks of the GIWW, they would be much better off and not allow sediments to enter into their bays and negatively affect fisheries. He stated that freshwater includes nitrates and sulfates that are detrimental to fisheries and that they should be sent to the east where it is needed. He asks that the Task Force consider this in support of the fishing industry. The fisheries that come out of this area are very valuable. He states that in selecting projects, the Task Force should make sure that the sediments are sent to areas that need them.

Mr. Toby Gasgoin read a statement for the record from the Oyster Task Force. The Louisiana Oyster Task Force has appointed him as their official representative. He looks forward to working with the CWPPRA Task Force.

Mr. Rodney Gilbeaux, thanked the group for their dedication as far as prioritizing projects. He also stated that the Oyster Bayou project was Number 8 [on PPL12] and the Task Force accepted 7. They now have Ducks Unlimited working with them and they are going to attempt to get a permit to construct the project. They will fund it themselves (drainage boards, landowners, oil companies). He stated emphatically: It will be done.

## **VIII. Date and Location of the Next Task Force Meeting**

The next meeting of the Task Force will be held on August 14, 2003, in New Orleans, Louisiana, beginning at 9:30 a.m.

## **IX. The meeting was adjourned at 1:45 p.m.**



## ATTENDANCE RECORD




DATE(S) April 16, 2003 9:30 a.m.	SPONSORING ORGANIZATION <b>Breaux Act</b> Coastal Planning Protection and Restoration Act Task Force	LOCATION Estuarine Habitats and Fisheries Center Lafayette, La.
--	---	--

## PURPOSE

Task Force Meeting

## PARTICIPANT REGISTER

NAME	JOB TITLE AND ORGANIZATION	E MAIL ADDRESS	TELEPHONE NUMBER
Rick Raynie	Manager DNR/CRD	RickR@DNR.STATE.LA.US	225-342-9436
Jeff Marx	Biologist LDWF	marx_jm@wlf.state.la.us	337-373-0032
Johm Lopez	Coastal Biologist COE		(504) 662-1945
Bill Good	Admin. DNR/CRD	billg@dnr.state.la.us	225-342-7300
Britt Paul	NRCS	Britt.Paul@la.usda.gov	318-473-7814
Fred Kopfler	US EPA / Gm PD	Kopfler.Fred@epa.gov	228-688-2712
Merlin Price	St. Mary Parish Council	MPRICE@SKOR.COM	985-399-0317
Greg Miller	Project Mgr USACE	gregmiller@usace.army.mil	504-862-2310
 Charles Broussard 23604 S. La Hwy. 82 Kaplan, LA 70548-7304	Veritor for LAC 2007		337-642-5287
Teddy Baber	Design Eng. (DOTD)		337-262-6104
Edmond Mouton	Biologist Manager LDWF	mouton_e@wlf.state.la.us	337-373-0032
Ray Browning	COE		504-862-2855
Ed Proffitt	USGS / NWRC	edward_proffitt@usgs.gov	337-261-9509
Julio MAYORGA	Biologist ST. BERNARD PARISH	jmayorga2001@yahoo.com	504 278 4303
Darryl Clark	Biologist - USFWS	Darryl-Clark@fws.gov	337-291-3111
Amy Wold	The Advocate	awold@theadvocate.com	225 338-0520
Will Norman	DNR - CRD	charlesw@dnr.state.la.us	225 342-9432
Deetra Washington	GOCA	deetrawashington@goa.state.la.us	225 342 3968
Quin Kinler	NRCS	quin.kinler@la.usda.gov	225-382-2047
Amanda Bordelon	Ecology + Environment	ABordelon@ene.com	225-298-5080





ATTENDANCE RECORD



DATE(S) April 16, 2003 9:30 a.m.	SPONSORING ORGANIZATION <b>Breaux Act</b> Coastal Planning Protection and Restoration Act Task Force	LOCATION Estuarine Habitats and Fisheries Center Lafayette, La.
--	---	--

PURPOSE <p style="text-align: center;">Task Force Meeting</p>
--

PARTICIPANT REGISTER

NAME	JOB TITLE AND ORGANIZATION	E MAIL ADDRESS	TELEPHONE NUMBER
HEATHER FINLEY	BIOL PROGRAMER//LWFP	finley-h@wfp.state.la.us	225 765 2756
Betty Hession		bhession@camtel.net	337 542 4129
Rick Hartman	NATFS		
ROD GUILBERT	6007-CRCL	6007camport@mail	337 569 2159
S.M. Gagliardi	President/CEP	sgagliardi@coastalenv.com	225-383-7455
Jeanne Pechham	EPA	pechham.jeanne@epa.gov	225-389-0736
Kirk Rhinehart	OND/LRD	KIRK@OND.STATE.LA.US	225 342 2179
Vernon B. Lehoucq		vbehoucq@msd.la.gov	337-235-6954
Kyle Balkum	LDNR/LRD	kbalkum@kyk@dnr.state.la.us	225 342 5425
Greg Steyer	USGS/NWRC	gsteyer@usgs.gov	225-578-7201
Jay Merino	NOAA FISHERIES	jay.merino@noaa.gov	337-291-2109
BOB STEWART	USGS/NWRC	bob_stewart@usgs.gov	337/266-0501
John Beriss	USGS/NWRC	john-beriss@usgs.gov	225-578-7484
LOLAND BROUSSARD	NRCS	loland.broussard@la.usda.gov	337-291-3060
Jim Dellinger	E + E	jdellinger@ene.com	225.298.5080
Judge Edmunds	Residual Vermilion Corporation		337-893-0268
Mykes Habel	Cameron Parish Police Jury	CPJPJury@CAMtel.net	337-775-5110
SSA Green	Vermilion		337-893-3600
Robert S. Jones	Terrebonne Parish		985 878 0720
Dewey Bidwell	Engineer	DeweyBidwell@la.gov	893-2520



P3 of 3



## ATTENDANCE RECORD

DATE(S) April 16, 2003 9:30 a.m.	SPONSORING ORGANIZATION <b>Breaux Act</b> Coastal Planning Protection and Restoration Act Task Force	LOCATION Estuarine Habitats and Fisheries Center Lafayette, La.
--	---	--

## PURPOSE

Task Force Meeting

## PARTICIPANT REGISTER

NAME	JOB TITLE AND ORGANIZATION	E MAIL ADDRESS	TELEPHONE NUMBER
DEEIL MURPHY	Jefferson Ph. / ceec	ceec01@bellsouth.net	347-2100
James Miller	Jewellman CZM	jmill@TPRE.org	985-580-8145
Randy Moertle	Randy Moertle & Associates, Inc.	rmoertle@bellsouth.net	985-532-6308
Aery Picard	Buck Klempner	hpicard@bkiuss.com	225 925 0930
Jason Shackelford	CRS3/DNR CRTD	jason@dnr.state.la.us	225-342-6307
LARRY WOSCYNA	VP, MWH	LARRY.WOSCYNA@MWHGLOBAL.COM	702 342-2212
Roy Pouliff	Ex Dir. Port of Iberia	roy@portofiberia.com	(504) 364-1065
Lorile Barr	Ex Director, ROR	slcc-1@nicholls.edu	985-448-4485
Brian Perez	Ecologist, USGS	brian-perez@usgs.gov	337 266-8680
WARREN KING	DIRECTOR, SAAW ENR.	WARREN.KING@SHAWCORP.COM ADDRESS: PHONE (337) 231-5490 206 LEICESTER, LAFAYETTE, LA.	337 987-7016
TED BEAULLIEU	Acadian Bay Association	rebecca-howard@usgs.gov	70508
Rebecca Howard	U.S. Geological Survey	rebecca-howard@usgs.gov	
Chris Monney	USACE, PM	chris.monney@mon02.usace.army.mil	504 862-2415
GREG LINScombe	LA DEPT. OF WILDLIFE SURVEY	linscombe-rg@wf.state.la.us	(337) 373-0132
Samuel Brown	LINR		225 3455 330

LMV FORM 583-R

PARTICIPANT REGISTER (CONTINUED)

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
August 14, 2003

**STATUS OF BREAUX ACT PROGRAM FUNDS AND PROJECTS**

**For Information**

1. CWPPRA Program Planning Budget.
  - a. Planning Budget by FY (pg 1-3). Compares approved/actual budgets from FY99 through FY03. Reflects the FY03 Planning Program budget approved 9 October 2002 for **\$5,484,979**.
  - b. FY03 Detailed Budget Tasks (pg 4-11). The FY03 Planning Program budget reflected through specific tasks.
2. Construction Program.
  - a. CWPPRA Project Summary Report by Priority List (pg 12-13). 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 14-15). Taking into consideration approved current estimates, project expenditures through present, Federal and non-Federal cost sharing responsibilities, we estimate **\$72,884,355** Federal funds to be available, based on Task Force approvals to date.
  - c. Status of Construction Funds for Cash Flow Management (pg 16-17). Status of funds reflecting current, approved estimates and potential Phase 2 estimates for PPL's 1 through 11 and potential Phase 1 requirements for complex projects.
  - d. Cash Flow Funding Forecast.
    - i. Schedules for requests of Phase 1 (for complex projects) and Phase 2 funding approvals (pg 18-19).
    - ii. Phase 2 funding requirements reflected by FY (pg 20-21).
    - iii. Anticipated Funding of Remaining Balances (pg 22-23)
  - e. Construction Program Potential Cost Changes (pg 24-25). This table depicts potential future construction program cost increases and decreases affecting available Federal funds. If these increases and decreases are taken into consideration, **\$61,723,080** in Federal funds will be available for FY04.
  - f. Projects on PPL 1-8 Without Construction Approval (pg 26). Potential return of \$34,798,455 to program; projects to be included in prioritization.
  - g. Projects Returning Excess Funds (pg 27). A total of **\$2,683,063** may be returned from projects that have completed or almost completed construction.
  - h. Analysis of Construction Funds (pg 28). This table analyzes Federal and non-Federal cost sharing responsibilities as determined by the current approved project estimates.

- i. Analysis of Construction Program Estimates, Obligations, & Expenditures by PPL (pg 29-36)
- j. Construction Schedule (pg 37-43). Construction start/completion schedule with construction estimates, obligations and expenditures.
- k. CWPPRA Project Status Summary Report (pg 44-120). 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 2003 Budget**

P&E Committee Recommendation, 18 September 2002

Tech Committee Recommendation, 18 September 2002

Task Force Approval, 9 October 2002

	FY99 Amount (\$)	FY2000 Amount (\$) <sup>19</sup>	FY2001 Amount (\$)	FY2002 Amount (\$)	FY2003 Amount (\$)
<b><u>General Planning &amp; Program Participation</u></b>					
State of Louisiana					
DNR	529,026	679,680 <sup>21</sup>	455,770	561,423 <sup>30,31</sup>	505,880
Gov's Ofc	100,838	88,236	107,500	119,975	77,000
LDWF	15,800	19,000	19,000	70,000	71,529 <sup>32</sup>
Total State	<u>645,664</u>	<u>786,916</u>	<u>582,270</u>	<u>751,398</u>	<u>654,409</u>
EPA	477,627	463,236	471,038	591,110 <sup>29</sup>	597,934
Dept of the Interior					
USFWS	371,322	307,343	425,265	533,956 <sup>29</sup>	554,137
NWRC	107,632	84,460	174,153	423,605 <sup>31</sup>	126,324
USGS Reston	8,800	8,360			
USGS Baton Rouge	0	0	25,000		
USGS Woods Hole			39,000	25,000	5,000
Natl Park Service	0	3,325			
Total Interior	<u>487,754</u>	<u>403,488</u>	<u>663,418</u>	<u>982,561</u>	<u>685,461</u>
Dept of Agriculture	498,217	480,675	488,843	645,263 <sup>29</sup>	595,107
Dept of Commerce	399,776	486,139	475,916	578,765 <sup>29</sup>	643,305
Dept of the Army	855,964	779,386	857,200	1,018,649	1,237,986
<b>Agency Total</b>	<b><u>3,365,002</u></b>	<b><u>3,399,840</u></b>	<b><u>3,538,685</u></b>	<b><u>4,567,746</u></b>	<b><u>4,414,202</u></b>
<b><u>Feasibility Studies Funding</u></b>					
Barrier Shoreline Study					
WAVCIS (DNR)	100,000 <sup>15</sup>				
Study of Chenier Plain	200,000				
Miss R Diversion Study	75,000	(600,000) <sup>17</sup>			
<b>Total Feasibility Studies</b>	<b><u>375,000</u></b>	<b><u>(600,000)</u></b>			
<b><u>Complex Studies Funding</u></b>					
Beneficial Use Sediment Trap Below Venice (COE)		123,050			
Barataria Barrier Shoreline (NMFS)		301,800	30,000		
Diversion into Maurepas Swamp (EPA/COE)		525,000	133,000 <sup>26</sup>		
Holly Beach Segmented Breakwaters (DNR)		318,179			
Central & Eastern Terrebonne Basin Freshwater Delivery (USFWS)		244,000	230,000		
Delta Building Diversion Below Empire (COE)		345,050	20,000	46,700	
<b>Total Complex Studies</b>		<b><u>1,857,079</u></b>	<b><u>413,000</u></b>	<b><u>46,700</u></b>	<b><u>0</u></b>

**Coastal Wetlands Planning, Protection and Restoration Act**  
**Fiscal Year 2003 Budget**

P&E Committee Recommendation, 18 September 2002

Tech Committee Recommendation, 18 September 2002

Task Force Approval, 9 October 2002

	FY99 Amount (\$)	FY2000 Amount (\$) <sup>19</sup>	FY2001 Amount (\$)	FY2002 Amount (\$)	FY2003 Amount (\$)
<b>Miscellaneous Funding</b>					
Academic Advisory Group	100,000	100,000	120,000	239,450 <sup>30</sup>	100,000
Public Outreach	296,043 <sup>11</sup>	415,000 <sup>20</sup>	508,000 <sup>28</sup>	521,500	506,500
Core GIS Support for Planning Activities					265,298
Landsat Satellite Imagery					42,500
Digital Soil Survey (NRCS/NWRC)		40,000 <sup>18</sup>	45,000	50,047	
GIS Satellite Imagery				42,223	
Aerial Photography & CD Production				75,000	
Terbonne Basin Recording Stations				100,256	92,000
Joint Training of Work Groups				25,000	
Oyster Lease GIS Database					
Maintenance & Analysis	85,086	33,726	79,783	57,680	64,479
Monitoring - NOAA/CCAP <sup>27</sup>	90,000	66,500	35,000		
High Resolution Aerial Photography (NWRC)			220,000		
Land Loss Maps (COE)			40,000		
Coast-Wide Aerial Vegetation Svy			86,250 <sup>27</sup>		
Repro of Land Loss Causes Map					
Model flows Atch River Modeling		95,000			
MR-GO Evaluation		25,000			
Monitoring -					
Academic Panel Evaluation		30,000 <sup>22</sup>			
Brown Marsh SE Flight (NWRC)		29,500 <sup>24</sup>			
Brown Marsh SW Flight (NWRC)		46,000 <sup>25</sup>			
COAST 2050 (DNR)	136,618 <sup>15</sup>				
Purchase 1700 Frames 1998	23,800				
Photography (NWRC)					
CDROM Development (NWRC)	25,000 <sup>14</sup>				
DNR Video Repro					
Gov's Office Workshop					
GIWW Data collection					
<b>Total Miscellaneous</b>	<b>756,547</b>	<b>880,726</b>	<b>1,134,033</b>	<b>1,111,156</b>	<b>1,070,777</b>
<b>Total Allocated</b>	<b>4,496,549</b>	<b>5,537,645</b>	<b>5,085,718</b>	<b>5,725,602</b>	<b>5,484,979</b>
Unallocated Balance	503,451	(537,645)	(85,718)	-725,602	(484,979)
Total Unallocated	2,288,916	1,751,272	1,665,554	939,952	454,973

## Coastal Wetlands Planning, Protection and Restoration Act Fiscal Year 2003 Budget

P&E Committee Recommendation, 18 September 2002

Tech Committee Recommendation, 18 September 2002

Task Force Approval, 9 October 2002

FY99 Amount (\$)	FY2000 Amount (\$) <sup>19</sup>	FY2001 Amount (\$)	FY2002 Amount (\$)	FY2003 Amount (\$)
---------------------	-------------------------------------	-----------------------	-----------------------	-----------------------

### Footnotes:

- <sup>1</sup> amended 28 Feb 96
- <sup>2</sup> \$700 added for printing, 15 Mar 96 (TC)
- <sup>3</sup> transfer \$600k from '97 to '98
- <sup>4</sup> transfer \$204k from MRSNFR TO Barrier Shoreline Study
- <sup>5</sup> increase of \$15.1k approved on 24 Apr 97
- <sup>6</sup> increase of \$35k approved on 24 Apr 97
- <sup>7</sup> increase of \$40k approved on 26 Jul 97 from Corps Planning Funds
- <sup>8</sup> Original \$550 in Barrier Shoreline Included \$200k to complete Phase 1 EIS, and \$350k to develop Phase 2 feasibility scope.
- <sup>9</sup> Assumes a total of \$420,000 is removed from the Barrier Shoreline Study over 2 years from Phase 1 EIS
- <sup>10</sup> Excludes \$20k COE, \$5k NRCS, \$5k DNR, \$2kUSFWS, and \$16k NMFS moved to Coast 2050 during FY 97 for contracts & @\$255k absorbed in agency FY 97 budgets for a total of \$303,000.  
to COAST2050 during FY 97 for contracts & @\$255k absorbed in agency FY 97 budgets for a total of \$303,000.
- <sup>11</sup> Additional \$55,343 approved by Task Force for video documentary.
- <sup>12</sup> \$29,765 transferred from DNR Coast 2050 to NWRC Coast 2050 for evaluation of Report.
- <sup>13</sup> \$100,000 approved for WAVCIS at 4 Aug 99 Task Force meeting. Part of Barrier Shoreline Study.
- <sup>14</sup> Task Force approved 4 Aug 99.
- <sup>15</sup> Task Force approved additional \$50,000 at 4 Aug 99
- <sup>16</sup> Carryover funds from previous FY's; this number is being researched at present.
- <sup>17</sup> \$600,000 given up by MRSNFR for FY 2000 budget.
- <sup>18</sup> Total cost is \$228,970.
- <sup>19</sup> 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.
- <sup>20</sup> 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.
- <sup>21</sup> 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.
- <sup>22</sup> 6 Jul 00: Monitoring - Task Force approved \$30,000 for Greg Steyer's academic panel evaluation of monitoring program.
- <sup>23</sup> Definition: Monitoring (NWRC) - NOAA/CCAP (Coastwide Landcover [Habitat] Monitoring Program
- <sup>24</sup> 29 Aug 00: Task Force fax vote approves \$29,500 for NWRC for brown marsh southeastern flight
- <sup>25</sup> 1 Sep 00: Task Force fax vote approves \$46,000 for NWRC for brown marsh southwestern flight
- <sup>26</sup> 10 Jan 2001: Task Force approves additional \$113,000 for FY01.
- <sup>27</sup> 30 May 01: Tech Comm approves 86,250 for Coast-Wide Aerial Vegetation Survey for LDNR; T.F. fax vote approves
- <sup>28</sup> 7 Aug 2001: Task Force approves additional \$63,000 in Outreach budget for Barataria Terrebonne National Estuary Foundation Superbowl campaign proposal.
- <sup>29</sup> 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.
- <sup>30</sup> 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.
- <sup>31</sup> 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.
- <sup>32</sup> 16 Jan 2003: Task Force approves LDWF estimate that was not included in originally approved budget.

**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2003 Planning Schedule and Budget**  
**P&E Committee Recommendation, 18 September 2002**  
**Tech Committee Recommendation, 18 September 2002**  
**Approved by Task Force, 9 October 2002**

27-Jul-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS														
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior					State of Louisiana					EPA	USDA	USDC	Other	Total
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.							
<b>PPL 12 TASKS</b>																			
PL	12100	Env/Eng/MonWG's evaluates all projects. Env/Eng/MonWG's refine goals and objectives of projects .	10/1/02	10/20/02	12,000	11,232	897				5,170			7,000	8,269	9,200		53,768	
PL	12120	Env/Eng/MonWG's review Coast 2050 Criteria Score.	10/23/02	10/27/02	6,733	5,972					2,290		1,500	1,609	5,195	5,500		28,799	
PL	12200	Prepare project information packages for P&E.	10/30/02	11/3/02	10,634	7,962					2,425			2,000	4,884	4,800		32,705	
PL	12300	P&E holds 3 Public Hearings	11/6/02	11/10/02	27,268	6,256					3,025	2,000	3,000	2,080	5,756	2,400		51,785	
PL	12400	TC Recommendation for Project Selection and Funding	11/24/02	11/29/02	10,772	6,967					1,195	1,500	1,500	1,600	3,478	2,400		29,412	
PL	12500	TF Selection and Funding of the 12th PPL (1)	1/16/03	1/16/02	11,956	5,118					1,390	1,500	1,500	1,752	4,175	5,500		32,891	
PL	12600	PPL 12 Report Development	1/11/03	7/31/03	32,414	1,991					4,345			1,001	6,326	1,000		47,077	
PL	12700	Upward Submittal of the PPL 12 Report	8/1/03	8/1/03	9,650													9,650	
PL	12900	Submission of the PPL 12 Report to Congress	8/2/03	9/30/03	4,656						345							5,001	
<b>FY03 Subtotal PL 12 Tasks</b>					<b>126,083</b>	<b>45,498</b>	<b>897</b>	<b>0</b>	<b>0</b>	<b>20,185</b>	<b>5,000</b>	<b>7,500</b>	<b>17,042</b>	<b>38,083</b>	<b>30,800</b>	<b>0</b>	<b>291,088</b>		



**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2003 Planning Schedule and Budget**  
**P&E Committee Recommendation, 18 September 2002**  
**Tech Committee Recommendation, 18 September 2002**  
**Approved by Task Force, 9 October 2002**

27-Jul-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS												
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior					State of Louisiana					Total		
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA		USDC	Other
<b>PPL 13 TASKS</b>																	
<b>PL</b>	<b>13100</b>	<b>Selection of Strategies</b>															
PL	13110	COE prepares spreadsheet listing status of all coastal restoration projects	10/1/02	12/31/02	13,008									1,000	2,844	2,400	19,252
PL	13120	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 budget included in Misc 13150]	11/1/02	1/31/03	5,813	1,137				8,795				1,000	3,847		20,592
<b>PL</b>	<b>13200</b>	<b>Development and Nomination of Projects</b>															
PL	13210	Sponsoring agencies prepare fact sheets and maps prior to and following RPT nomination meetings.	3/31/03	6/30/03	24,724	28,720					13,210			53,000	29,965	35,300	184,919
PL	13230	RPT's meet to formulate and combine projects. Each region nominates no more than 3 projects (4 meetings) [18 nominees (2 per basin); 8 candidates; 4 approved projects]	5/1/03	5/31/03	26,321	11,374					9,200	4,000	2,000	22,560	8,508	7,700	91,663
<b>PL</b>	<b>13300</b>	<b>Ranking of Nominated Projects</b>															
PL	13301	Environmental WG to revise Coast 2050 criteria. WVA models, etc. Update and improve new Barrier Island WVA model. (One or 2 meetings of the Environ WG)	10/1/02	9/30/03	8,304	7,109					1,185	2,000		3,340	7,537	3,500	32,975
PL	13310	Engr Work Group prepares preliminary fully funded cost ranges for projects	6/1/03	6/30/03	11,935	2,844					2,935			3,000	5,199	2,800	28,713
PL	13320	Environ/Engr Work Groups apply 2050 criteria to projects	7/1/03	7/31/03	11,935	5,403					2,145			3,000	3,902	2,400	28,785
PL	13330	P&E develops and distributes project matrix	7/1/03	7/31/03	10,730	1,706					1,970	1,000		2,640	1,924	1,050	21,020

**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2003 Planning Schedule and Budget**  
**P&E Committee Recommendation, 18 September 2002**  
**Tech Committee Recommendation, 18 September 2002**  
**Approved by Task Force, 9 October 2002**

27-Jul-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS												
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior					State of Louisiana					Other	Total	
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA			USDC
<b>PL</b>	<b>13400</b>	<b>Selection of Candidates</b>															
PL	13410	Tech Committee selects candidates	7/1/03	7/31/03	11,494	3,981					2,620	1,000	2,000	1,640	2,606	2,800	28,141
<b>PL</b>	<b>13500</b>	<b>Analysis of Candidates</b>															
PL	13510	Sponsoring agencies coordinate site visits for all projects	8/1/03	9/30/03	29,998	18,057					5,640	3,000		8,000	16,664	12,100	93,459
PL	13520	Engr/Environ Work Group refine project features and determine boundaries	8/1/03	9/30/03	21,033	13,365		1,000			2,765	2,000	1,000	6,000	11,779	11,900	70,842
PL	13530	Sponsoring agencies develop project information for WVA; develop designs and cost estimates	8/1/02	9/30/03	72,165	32,417	11,188				13,990			10,000	37,995	32,000	209,755
PL	13540	Environ/Engr Work Groups project evaluation of benefits (with Coast 2050 criteria, etc.)	8/1/03	9/30/02	14,548	26,872		3,000			4,225	2,000	1,000	6,000	17,905	11,500	87,050
PL	13550	Engr Work Group reviews/approves Ph 1 and Ph 2 cost estimates from evaluating agencies	8/1/03	9/30/03	52,611	3,981					1,725			3,000	8,514	7,900	77,731
PL	13560	Economic Work Group reviews cost estimates, adds monitoring, O&M, etc., and develops annualized costs	8/1/03	9/30/03	10,266	1,706					880			1,500	9,434	3,500	27,286
PL	13570	Oyster Issues in Phases 0 and 1. Includes: development of regulations for CWPPRA projects; meetings/conferences with leaseholders; developing case by case designs/costs/procedures, etc.	8/1/03	9/30/03	96,284						19,710	10,000		1,000	6,545	5,000	138,539
PL	13580	Engineering & Environmental Working Groups revisions for Phase II funding of approved Phase I projects (Needed for adequate review of Phase I.) [Assume 10 projects requesting Ph II funding in FY03 (present schedule indicates 20 projects). Assume 5 will require Eng or Env WG review; 2 labor days for each. Did not include COE - sponsored projects because any additional review for those would be charged to project budgets.] [This was previously SPE 13700]	8/1/203	9/30/03	5,000	3,128					1,685			6,000	8,429	2,255	26,497
<b>FY03 Subtotal PL 13 Tasks</b>					<b>426,169</b>	<b>161,800</b>	<b>11,188</b>	<b>4,000</b>	<b>0</b>	<b>92,680</b>	<b>25,000</b>	<b>6,000</b>	<b>132,680</b>	<b>183,597</b>	<b>144,105</b>	<b>0</b>	<b>1,187,219</b>

**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2003 Planning Schedule and Budget**  
**P&E Committee Recommendation, 18 September 2002**  
**Tech Committee Recommendation, 18 September 2002**  
**Approved by Task Force, 9 October 2002**

27-Jul-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS													
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior					State of Louisiana					Total			
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA		USDC	Other	
<b>Project and Program Management Tasks</b>																		
PM	13010	Program Management--Coordination	10/1/02	9/30/03	225,196	72,228	2,157	1,000			73,395		2,000	152,000	87,864	89,845		705,685
PM	13020	Program Management--Correspondence	10/01/02	09/30/03	34,984	18,554					10,945			33,800	21,179	74,845		194,307
PM	13030	Prog Mgmt--Budget Development and Oversight	10/01/02	09/30/03	75,779	9,739					25,400			30,000	34,753	49,000		224,671
PM	13040	Program and Project Management--Financial Management of Non-Cash Flow Projects	10/01/02	09/30/03	39,511	10,948					12,415			5,312	8,119	25,245		101,550
PE	13010	P&E Meetings (7 mtngs; prep and attendance)	10/01/02	09/30/03	34,704	16,209	3,502				6,950	3,000	3,000	25,000	17,040	12,100		121,505
RP	13010	Corps Prepares and Submits Revisions to Rest. Plan	10/01/02	09/30/03	8,020									500				8,520
SC	13010	Steering Com Mtngs (4 mtngs; prep and attend) (includes complex project review)	10/01/02	09/30/03	8,249	5,687					3,000	3,000	3,000	10,000	7,019	5,500		45,455
TC	13010	Tech Com Mtngs (6 mtngs; prep and attend)	10/01/02	09/30/03	49,124	28,009	3,502				13,745	5,000	5,000	15,000	18,225	24,200		161,805
TF	13010	Task Force mtngs (4 mtngs; prep and attend)	10/01/02	09/30/03	65,305	25,735	3,502				13,435	9,000	9,000	13,000	19,198	27,000		185,175
ER	13010	Prepare Evaluation Report (Report to Cong)	10/01/02	09/30/03	9,938		2,157				61,615		8,500	800	7,627	6,200		96,837
CN	13010	State Consistency Determination	10/01/02	09/30/03	3,947													3,947
WG	13010	Eng., Env., and Eco Work Groups Review 30% Design for Phase 1 Projects	10/01/02	09/30/03	32,259	10,806					1,730			23,800	9,860	8,500		86,955
MS	13100	Helicopter Support. Helicopter usage for the PPL process.	10/01/02	09/30/03		18,000												18,000
MS	13010	Miscellaneous Technical Support	10/01/02	09/30/03	39,433	7,393					95,145	21,529	29,500			23,245		216,245
<b>FY03 Subtotal Project Management Tasks</b>					<b>626,449</b>	<b>223,308</b>	<b>14,820</b>	<b>1,000</b>	<b>0</b>		<b>317,775</b>	<b>41,529</b>	<b>60,000</b>	<b>309,212</b>	<b>230,884</b>	<b>345,680</b>	<b>0</b>	<b>2,170,657</b>
<b>FY03 Total for PPL Tasks</b>					<b>1,178,701</b>	<b>430,606</b>	<b>26,905</b>	<b>5,000</b>	<b>0</b>		<b>430,640</b>	<b>71,529</b>	<b>73,500</b>	<b>458,934</b>	<b>452,564</b>	<b>520,585</b>	<b>0</b>	<b>3,648,964</b>

**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2003 Planning Schedule and Budget**  
**P&E Committee Recommendation, 18 September 2002**  
**Tech Committee Recommendation, 18 September 2002**  
**Approved by Task Force, 9 October 2002**

27-Jul-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS												
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior					State of Louisiana					Total		
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA		USDC	Other
<b>SUPPLEMENTAL PLANNING AND EVALUATION TASKS</b>																	
SPE	13150	Link Project Quarterly Status reports and website project fact sheets. [Prospectus, page 23]	10/1/02	9/30/03	15,000	4,763	78,923				1,000			3,000	4,575	4,155	111,416
SPE	13200	Adaptive Management Completion.	10/1/02	9/30/03		0	15,496				32,615			26,000	25,810	8,155	108,076
SPE	13650	Development of Breaux Act oyster relocation plan. Oyster Ad-Hoc committee meetings to determine oyster lease policies for CWPPRA projects.	10/1/02	9/30/03	6,700	3,555					29,880			2,000	3,368	2,255	47,758
SPE	13600	Establish linkage of CWPPRA and 2050 study efforts. [Buy a seat at 2050 feasibility study table.]	10/1/02	9/30/03		100,000								100,000	100,000	100,000	400,000
SPE	13900	Joint Training of CWPPRA Work Groups. [Agency representatives would participate in training sessions focusing on subjects and issues pertinent to the group development and evaluation of coastal wetlands restoration projects. Examples of potential classes include coastal vegetation planting, dredging project design, marsh creation, hydrologic design, habitat analysis, integrated desktop GIS for resource managers. [Prospectus, page ____]]	10/1/02	9/30/03	37,585	15,213	5,000				11,745		3,500	8,000	8,790	8,155	97,988
<b>FY03 Total Supplemental Planning &amp; Evaluation Tasks</b>					<b>59,285</b>	<b>123,531</b>	<b>99,419</b>	<b>0</b>	<b>0</b>	<b>75,240</b>	<b>0</b>	<b>3,500</b>	<b>139,000</b>	<b>142,543</b>	<b>122,720</b>	<b>0</b>	<b>765,238</b>
<b>FY03 Agency Tasks Grand Total</b>					<b>1,237,986</b>	<b>554,137</b>	<b>126,324</b>	<b>5,000</b>	<b>0</b>	<b>505,880</b>	<b>71,529</b>	<b>77,000</b>	<b>597,934</b>	<b>595,107</b>	<b>643,305</b>	<b>0</b>	<b>4,414,202</b>

**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2003 Planning Schedule and Budget**  
**P&E Committee Recommendation, 18 September 2002**  
**Tech Committee Recommendation, 18 September 2002**  
**Approved by Task Force, 9 October 2002**

27-Jul-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS												
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior					State of Louisiana					Other	Total	
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA			USDC
Otrch	13100	Outreach - Committee Funding	10/1/02	9/30/03												344,500	344,500
Otrch	13200	Outreach - Agency	10/1/02	9/30/03	4,000	2,000	26,000			4,000		4,000	4,000	4,000	4,000		52,000
Otrch	13300	New Initiative - "Protect the Purchase" Campaign	10/1/02	9/30/03												79,000	79,000
Otrch	13400	New Initiative - Media Initiative	10/1/02	9/30/03												8,000	8,000
Otrch	13500	New Initiative - LA Wetlands Functions and Values CD	10/1/02	9/30/03												23,000	23,000
																	0
<b>FY03 Total Outreach</b>					<b>4,000</b>	<b>2,000</b>	<b>26,000</b>	<b>0</b>	<b>0</b>	<b>4,000</b>	<b>0</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>454,500</b>	<b>506,500</b>

**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2003 Planning Schedule and Budget**  
**P&E Committee Recommendation, 18 September 2002**  
**Tech Committee Recommendation, 18 September 2002**  
**Approved by Task Force, 9 October 2002**

27-Jul-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS												
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior					State of Louisiana					Other	Total	
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA			USDC
Misc	13100	Academic Advisory Group	10/1/02	9/30/03												100,000	100,000
Misc	13200	Core GIS Support for CWPPRA Task Force Planning Activities. NOTE: This is a new task. NWRC combines 3 tasks into this one item: MS 13010 Misc Tech Support; SPE 13100-Desktop GIS System; and PL 13120 Comprehensive Coastal LA Map) [Prospectus, pg 18]	10/1/02	9/30/03		1,422	261,876				2,000						265,298
Misc	13300	Landsat Satellite Imagery Multi-temporal/Multi-seasonal Trend Assessment of Land Loss and Gain Variability Within the Deltaic Plain. [This task replaces Misc 13500 GIS Satellite Imagery. [Prospectus, pg 19]	10/1/02	9/30/03			42,500										42,500
Misc	13400	Oyster Lease Database Maintenance and Analysis	10/1/02	9/30/03			60,679			3,800							64,479
Misc	13700	Continuing the operation of key Terrebonne Basin continuous recording stations where funding is soon to expire (this summer). Maintenance of these, along with Barataria Basin stations, will be critical in planning and evaluating the larger scale projects which will be needed in these areas. [This would involve about 5 continuous salinity and water level stations for about \$100,000 for 1 year. One is at the GIWW at Larose, another is on the HNC near Dulac. The existing stations belong to the Corps, USGS and NRCS. The Tech and P&E asked if the FWS could add this task to the Terrebonne Basin Freshwater Introduction complex project currently under development. If not, it may possibly be included as a Misc Tech task. [Prospectus, pg 20]	10/1/02	9/30/03					92,000								92,000
<b>FY03 Total Miscellaneous</b>					<b>0</b>	<b>1,422</b>	<b>365,055</b>	<b>0</b>	<b>92,000</b>	<b>5,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>564,277</b>
<b>Grand Total FY03</b>					<b>1,241,986</b>	<b>557,559</b>	<b>517,379</b>	<b>5,000</b>	<b>92,000</b>	<b>515,680</b>	<b>71,529</b>	<b>81,000</b>	<b>601,934</b>	<b>599,107</b>	<b>647,305</b>	<b>554,500</b>	<b>5,484,979</b>

**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2003 Planning Schedule and Budget**  
**P&E Committee Recommendation, 18 September 2002**  
**Tech Committee Recommendation, 18 September 2002**  
**Approved by Task Force, 9 October 2002**

27-Jul-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS												
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior				State of Louisiana				EPA	USDA	USDC	Other	Total
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.					

**NOTES:**

- PL 13580      16 Jul 02, Tech Committee: New task. Previously this task was SPE 13700 under the supplemental tasks.
  
- SPE 13100      16 Jul 02, Tech Committee: Desktop GIS: Task deleted. Existing funding moved to Misc 13200.
  
- SPE 13200      16 Jul 02, Tech Committee: Adaptive Management: Previous SPE 13200 a, b, d and e combined into 1 line item. SPE 13200 c deleted.
  
- SPE 13650      16 Jul 02, Tech Committee: Development of Oyster Relocation Plan. Task for legal services for promulgation of oyster regs was deleted; budgets transferred to this task.
  
- SPE 13700      16 Jul 02, Tech Committee: Task deleted; new task PL 13580 created under PL activities.
  
- SPE 13750      16 Jul 02, Tech Committee: Evaluate and Assess Vegetative Plantings Coastwide. Task deleted.
  
- Misc 13200      16 Jul 02, Tech Committee: New task. Previous SPE 13100 deleted. Budgets transferred to new task.
  
- Misc 13500      16 Jul 02, Tech Committee: GIS Satellite Imagery. Task deleted.
  
- Misc 13010      16 Jul 02, Tech Committee: Helicopter Support. Task moved to PPL task under Project Management, MS 13100.
  
- Misc 13200      16 Jul 02, Tech Committee: Digital Soils. Task deleted.
  
- Misc 13600      16 Jul 02, Tech Committee: Aerial Photography and CD Production. Task deleted.
  
- SPE 13900      16 Jul 02, Tech Committee: Joint Training Contract. Task deleted.
  
- Misc 13900      16 Jul 02, Tech Committee: Legal services for promulgation of oyster regs. Task deleted. Budgets transferred to SPE 13650.

## 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	13	\$28,084,900	\$9,245,865	\$39,933,317	\$52,643,454	\$29,252,797	\$28,605,650
2	15	13,372	15	1	13	\$28,173,110	\$11,230,352	\$40,644,134	\$66,706,686	\$53,662,481	\$48,375,693
3	11	12,514	11	1	9	\$29,939,100	\$7,472,940	\$32,879,168	\$45,206,703	\$33,499,819	\$31,193,355
4	4	1,650	4	1	3	\$29,957,533	\$3,511,744	\$10,468,030	\$19,680,827	\$17,098,160	\$11,634,016
5	9	4,213	8	0	6	\$33,371,625	\$2,390,129	\$60,627,171	\$23,901,291	\$15,777,789	\$13,940,555
5.1	0	0	0	0	0	\$0	\$4,850,000	\$9,700,000	\$9,700,000	\$4,862,058	\$156,805
6	11	10,497	11	2	6	\$39,134,000	\$5,881,684	\$54,614,991	\$58,746,521	\$29,112,076	\$19,259,812
7	4	1,873	4	2	2	\$42,540,715	\$3,281,790	\$21,090,046	\$21,878,599	\$8,714,721	\$4,809,112
8	4	1,529	4	2	1	\$41,864,079	\$2,279,444	\$10,639,695	\$12,509,742	\$7,332,556	\$4,817,892
9	19	4,990	15	2	2	\$47,907,300	\$9,836,415	\$50,983,474	\$65,576,099	\$47,932,226	\$8,537,952
10	12	20,184	9	1	0	\$47,659,220	\$4,249,658	\$30,767,641	\$28,331,052	\$16,490,711	\$3,762,423
11	12	18,486	10	1	0	\$57,332,369	\$6,787,442	\$39,215,892	\$45,249,614	\$28,220,729	\$3,262,097
11.1	1	330	1	0	1	\$0	\$9,626,250	\$19,252,492	\$19,252,500	\$7,914,893	\$5,460,539
12	6	25,576	1	0	0	\$51,938,097	\$1,548,046	\$10,320,308	\$10,320,308	\$986,768	\$246,332
Active Projects	122	134,146	107	13	56	\$477,902,048	\$82,191,759	\$431,136,359	\$479,703,396	\$300,857,784	\$184,062,233
Deauthorized Projects	19	0	12	0	2			\$33,212,674	\$7,360,136	\$2,712,742	\$2,359,978
Total Projects	141	134,146	119	13	58	\$477,902,048	\$82,237,646	\$464,349,033	\$487,063,532	\$303,570,526	\$186,422,211
Conservation Plan	1	0	1	0	1		\$45,886	\$238,871	\$191,807	\$191,807	\$191,807
Total Construction Program	142	134,146	120	13	59	\$477,902,048	\$82,237,646	\$464,587,904	\$487,255,339	\$303,762,333	\$186,614,018
						\$560,139,694					



**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Summary Report by Priority List**

- NOTES:
1. Total of 142 projects includes 123 active construction projects, 19 deauthorized projects, and the State of Louisiana's Wetlands Conservation Plan.
  2. Federal funding of \$51,938,097 for FY 03 has been received.
  3. Total construction program funds available is \$560,139,694 .
  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. Baseline and current estimates for PPL 9 (and future project priority lists) reflect funding utilizing cash flow management principles.
  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, because this acreage is classified differently than acres protected by marsh projects.
  13. PPL 5.1 is used to record the Bayou Lafourche project as approved by a motion passed by the Task Force on October 25, 2001, to proceed with Phase 1 ED, estimated cost of \$9,700,000, at a cost share of 50% Federal and 50% non-Federal.
  14. Priority Lists 9 through 11 are funded utilizing cash flow management. Baseline and current estimates for these priority lists reflect only approved, funded estimates. Both baseline and current estimates are revised as funding is approved.

STATUS OF CWPPRA CONSTRUCTION FUNDS

P/L	Total No. of Projects	Current Estimate (a)	Current Funded Estimate (b)	Current Unfunded Estimate (b)	Expenditures Inception thru 30 Nov 97 (c)	Expenditures 1 Dec 97 thru Present (d)	Expenditures Inception thru Present (e)	Unexpended Funds (f)	75% x Current Est (g)	Federal Cost Share	Non-Federal Cost Share
										of Current Funded Estimate 75% x Expd (P/L 0-4)+ 85% x Unexp (P/L 0-4), + 90% Cur Funded Est (PL 5 & 6) + 85% x Cur Funded Est (P/L's 7 thru 12) (h)	of Current Funded Estimate 25% x Expd (P/L 0-4)+ 15% x Unexp (P/L 0-4), + 10% Cur Funded Est (PL 5 & 6) + 15% x Cur Funded Est (P/L's 7 thru 11) (i)
0	1	191,807	191,807	0	171,154	20,653	191,807	0	143,855	145,921	45,886
1	17	52,842,547	52,842,547	0	13,194,834	15,610,156	28,804,990	24,037,557	39,631,910	43,596,682	9,245,865
2	15	66,706,686	66,706,686	0	12,243,491	36,132,202	48,375,693	18,330,993	50,030,015	55,476,334	11,230,352
3	17	46,158,286	46,158,286	0	5,491,971	26,649,143	32,141,114	14,017,172	34,618,715	38,685,346	7,472,940
4	10	23,133,416	23,133,416	0	417,314	12,090,758	12,508,072	10,625,344	17,350,062	19,621,672	3,511,744
5	9	23,901,291	23,901,291	0	2,747,060	11,177,490	13,924,550	9,976,741	17,925,968	21,511,162	2,390,129
5.1		9,700,000	9,700,000	0	0	156,805	156,805	9,543,195	7,275,000	4,850,000	4,850,000
6	13	58,816,841	58,816,841	0	192,082	19,138,050	19,330,132	39,486,709	44,112,631	52,935,157	5,881,684
7	4	21,878,599	21,878,599	0	0	4,809,112	4,809,112	17,069,487	16,408,949	18,596,809	3,281,790
8	6	15,196,293	15,196,293	0	0	5,086,394	5,086,394	10,109,899	11,397,220	12,916,849	2,279,444
9	19	212,035,489	65,576,099	146,459,390	0	8,537,952	8,537,952	57,038,147	49,182,074	55,739,684	9,836,415
10	12	214,830,687	28,331,052	186,499,635	0	3,762,423	3,762,423	24,568,629	21,248,289	24,081,394	4,249,658
11	12	417,253,282	45,249,614	372,003,668	0	3,262,097	3,262,097	41,987,517	33,937,211	38,462,172	6,787,442
11.1	1	19,252,500	19,252,500	0	0	5,460,539	5,460,539	13,791,961	14,439,375	9,626,250	9,626,250
12	6	147,427,563	10,320,308	137,107,255	0	246,332	246,332	10,073,976	7,740,231	8,772,262	1,548,046
Total	142	1,329,325,287	487,255,339	842,069,948	34,457,907	152,140,108	186,598,014	300,657,325	365,441,504	405,017,693	82,237,646

Available Fed Funds	477,902,048
N/F Cost Share	82,237,646
Available N/F Cash	24,362,767
WIK credit/cash	57,874,879
<b>Total Available Cash</b>	<b>502,264,815</b>
<b>Federal Balance</b>	<b>72,884,355</b>
(Fed Cost Share of Funded Estimate-Avail Fed funds)	
N/F Balance	0
<b>Total Balance</b>	<b>72,884,355</b>

## STATUS OF CWPPRA CONSTRUCTION FUNDS

P/L	Total No. of Projects	Current Estimate (a)	Current Funded Estimate (b)	Current Unfunded Estimate (b)	Expenditures Inception thru 30 Nov 97 (c)	Expenditures 1 Dec 97 thru Present (d)	Expenditures Inception thru Present (e)	Unexpended Funds (f)	75% x Current Est (g)	Federal Cost Share of Current Funded Estimate	Non-Federal Cost Share of Current Funded Estimate
										75% x Expd (P/L 0-4)+ 85% x Unexp (P/L 0-4), + 90% Cur Funded Est (PL 5 & 6) + 85% x Cur Funded Est (P/L's 7 thru 12) (h)	25% x Expd (P/L 0-4)+ 15% x Unexp (P/L 0-4), + 10% Cur Funded Est (PL 5 & 6) + 15% x Cur Funded Est (P/L's 7 thru 11) (i)

**Notes:**

- (1) Federal FY03 funding was \$51,938,097.
- (2) Project total includes 122 active projects, 19 deauthorized projects, and the Conservation Plan.
- (3) Includes 19 deauthorized projects:
- |                        |                         |                 |
|------------------------|-------------------------|-----------------|
| Fourchon               | Bayou Boeuf (Phased)    | Red Mud         |
| Bayou LaCache          | Grand Bay               | Compost Demo    |
| Dewitt-Rollover        | Pass-a-Loutre Crevasse  | Bayou Bienvenue |
| Bayou Perot/Rigolettes | SW Shore/White Lake     | Upper Oaks      |
| Eden Isles             | Hopper Dredge           | Bayou L'Ours    |
| White's Ditch          | Flotant Marsh           |                 |
| Avoca Island           | Violet F/W Distribution |                 |
- (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 11 are financed through cash flow management and are funded in two phases. Current estimates reflect only approved, funded estimates.

**STATUS OF CWPRA CONSTRUCTION FUNDS UNDER CASH FLOW MANAGEMENT**  
Task Force, 14 August 2003

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)	75% x Current Est (f)	Federal Cost Share	Non-Federal Cost Share	
									75% x Expd (P/L 0-4) + 85% x Unexp (P/L 0-4) + 90% Cur Est (PL 5 & 6) + 85% x Cur Est (P/L 7 - 11) (g)	25% x Expd (P/L 0-4) + 15% x Unexp (P/L 0-4) + 10% Cur Est (PL 5 & 6) + 15% x Cur Est (P/L 7 - 11) (h)	
0	1						191,807	143,855	145,921	45,886	
1	17	28,084,900	9,245,865	37,330,765			52,841,986	39,631,490	43,612,457	9,229,529	
2	15	28,173,110	11,230,352	39,403,462			67,438,624	50,578,968	56,093,260	11,345,363	
3	17	29,939,100	7,472,940	37,412,040			45,851,975	34,388,981	38,439,398	7,412,576	
4	10	29,957,533	3,511,744	33,469,277			23,133,416	17,350,062	19,622,097	3,511,318	
5	9	33,371,625	2,390,129	35,761,754			23,970,426	17,977,819	21,573,383	2,397,043	
5.1		-	4,850,000	4,850,000			9,700,000	7,275,000	4,850,000	4,850,000	
6	13	39,134,000	5,881,684	45,015,684			58,797,966	44,098,475	52,918,170	5,879,797	
7	4	42,540,715	3,281,790	45,822,505			21,878,599	16,408,949	18,596,809	3,281,790	
8	6	41,864,079	2,279,444	44,143,523			15,196,293	11,397,220	12,916,849	2,279,444	
9	19	47,907,300	31,805,323	79,712,623	18,837,048	193,198,441	212,035,489	159,026,617	180,230,166	31,805,323	
10	12	47,659,220	32,224,603	79,883,823	19,057,470	195,773,217	214,830,687	161,123,015	182,606,084	32,224,603	
11	13	57,332,369	62,587,992	119,920,361	32,573,129	384,680,153	417,253,282	312,939,962	354,665,290	62,587,992	
11.1	1		9,626,250	9,626,250			19,252,500	14,439,375	9,626,250	9,626,250	
12	5	51,938,097	22,114,134	74,052,231	9,577,480	137,850,083	147,427,563	110,570,672	125,313,429	22,114,134	
<b>Total</b>	<b>142</b>	<b>477,902,048</b>	<b>208,502,251</b>	<b>686,404,299</b>	<b>80,045,127</b>	<b>930,754,394</b>	<b>1,329,800,613</b>	<b>997,350,460</b>	<b>1,121,209,560</b>	<b>208,591,049</b>	
<b>Complex Projs</b>	<b>2</b>						<b>7,756,734</b>	<b>84,783,445</b>	<b>92,540,179</b>	<b>78,659,152</b>	<b>13,881,027</b>
<b>Total</b>	<b>144</b>	<b>477,902,048</b>	<b>222,472,076</b>	<b>700,374,124</b>	<b>87,801,861</b>	<b>1,015,537,839</b>	<b>1,422,340,792</b>		<b>1,199,868,713</b>	<b>222,472,076</b>	
<b>Funding vs Current Estimate</b>				<b>(721,966,669)</b>							
<b>PPL 1 thru 12 w/Future Funding</b>	<b>144</b>	<b>841,902,048</b> <sup>1</sup>	<b>222,472,076</b>	<b>1,064,374,124</b>	<b>87,801,861</b>	<b>1,015,537,839</b>	<b>1,422,340,792</b>		<b>1,199,868,713</b>	<b>222,472,076</b>	
<b>Funding vs Current Estimate</b>				<b>(357,966,669)</b>							

**STATUS OF CWPPRA CONSTRUCTION FUNDS UNDER CASH FLOW MANAGEMENT**  
Task Force, 14 August 2003

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)	75% x Current Est (f)	Federal Cost Share	Non-Federal Cost Share
									75% x Expd (P/L 0-4) + 85% x Unexp (P/L 0-4), + 90% Cur Est (PL 5 & 6) + 85% x Cur Est (P/L 7 - 11) (g)	25% x Expd (P/L 0-4) + 15% x Unexp (P/L 0-4), + 10% Cur Est (PL 5 & 6) + 15% x Cur Est (P/L 7 - 11) (h)

<sup>1</sup> Future Federal Funding (estimated)  
14 Jan 2003 Forecast

13	FY04	54,000,000								
14	FY05	57,000,000								
15	FY06	61,000,000								
16	FY07	62,000,000								
17	FY08	64,000,000								
18	FY09	66,000,000								
<b>Total</b>		<b>364,000,000</b>								

CWPRA - FUNDING FORECAST (August 2003 Task Force Meeting)												
Last updated: 13 August 2003												
Proj No	Project	Agency	PPL	Const Start	Const Completion	Phase 1 Funding Approved	Ph 2 Funding Approved	Forecast Date Ph 2 Funding	Baseline Phase 1 Estimate	Baseline Phase 2 Estimate	Baseline Phase 2 Incr 1	Baseline Phase 2 Remaining Bal
(a)	(b)	(c)	(d)	(e)		(g)	(l)	(j)	(h)	(k)		
PO-27	Chandeleur Island Restoration	NMFS	9	Jun-01	Jul-01	11-Jan-00	11-Jan-00		156,082	1,278,984	1,130,637	148,347
MR-11	Periodic Intro of Sed & Nutrients Demo	COE	9	Mar-04	Jun-04	11-Jan-00	11-Jan-00		109,730	1,393,087	1,393,087	-
TE-37	New Cut Dune/Marsh Restotation	EPA	9			11-Jan-00	10-Jan-01		746,274	6,647,352	6,458,280	189,072
CS-30	Perry Ridge West	NRCS	9	Nov-01	Jul-02	11-Jan-00	10-Jan-01		317,399	3,425,052	2,841,697	583,355
TE-45	Terrebonne Bay & Oyster Reef Demo	USFWS	10	Apr-04	Jun-04	10-Jan-01	10-Jan-01		528,894	1,477,479	1,477,479	-
CS-31	Holly Beach	NRCS	11	Aug-02	Mar-03	7-Aug-01	7-Aug-01		0	19,252,500	19,252,500	-
TE-41	Mandalay Bank Protection Demo	USFWS	9	Apr-03	Aug-03	11-Jan-00	25-Oct-01		298,939	895,556	895,556	-
BA-27c (1)	Barataria Basin Landbridge - Ph 3 CU 3	NRCS	9	Sep-03	Dec-05	11-Jan-00	16-Jan-02		1,040,595	7,210,124	4,519,785	2,690,339
LA-03B	Coastwide Nutria Control Program	NRCS	11	Nov-02		16-Jan-02	16-Apr-02		269,211	68,595,659	15,773,336	52,822,323
BS-11	Delta Mgmt at Fort St. Philip	USFWS	10	Nov-03	Feb-04	10-Jan-01	7-Aug-02		363,276	2,820,664	1,689,940	1,130,724
ME-19	Grand-White Lake Landbridge Protection	USFWS	10	Jul-03	Dec-03	10-Jan-01	7-Aug-02		527,841	9,107,383	5,234,411	3,872,972
TE-44 (1)	North Lake Mechant Landbridge Rest - CU 1	USFWS	10	Jun-04	Jul-05	10-Jan-01	7-Aug-02		1,880,670	502,382	502,382	-
BA-27c (2)	Barataria Basin Landbridge - Ph 3 CU 4	NRCS	9	Oct-03	Sep-05	11-Jan-00	16-Jan-03			6,301,424	4,708,576	1,592,848
TV-18	Four-Mile Canal	NMFS	9	Jun-03	Sep-03	11-Jan-00	16-Jan-03		459,306	4,627,205	2,823,568	1,803,637
LA-05	Freshwater Floating Marsh Demo	NRCS	12	Mar-04	Jul-04	16-Jan-03	16-Jan-03		338,063	742,828	742,828	-
TE-40	Timbalier Island Dune/Marsh Restoration	EPA	9	Jun-04		11-Jan-00	16-Jan-03		1,360,198	14,874,481	14,724,793	149,688
CS-29	Black Bayou Bypass Culverts	NRCS	9	Feb-04	Feb-05	11-Jan-00		Aug-03	765,150	5,135,237	3,543,770	1,591,467
BA-38	Barataria Barrier Island	NMFS	11	Apr-04	Oct-04	16-Jan-02		Jan-04	3,083,934	51,223,589	50,671,563	552,026
BA-27c (3)	Barataria Basin Landbridge - Ph 3 CU 5	NRCS	9	Aug-04	Dec-05	11-Jan-00		Jan-04		11,073,012	8,464,560	2,608,452
BA-27d	Barataria Basin Landbridge - Ph 4	NRCS	11	Oct-04	Sep-05	16-Jan-02		Jan-04	2,191,807	34,349,521	29,840,016	4,509,505
MR-13	Benney's Bay Sediment Diversion	COE	10	Aug-04		10-Jan-01		Jan-04	1,076,328	36,542,079	10,471,655	26,070,424
AT-04	Castille Pass Sediment Delivery	NMFS	9	May-04	Aug-04	11-Jan-00		Jan-04	1,484,633	29,599,764	14,769,234	14,830,530
BA-36	Dedicated Dredging on Bara Basin LB	USFWS	11	Jul-04	Jul-05	16-Jan-02		Jan-04	2,294,410	27,398,410	27,121,128	277,282
BS-10	Delta Bldg Divr North of Fort St. Philip	COE	10	Mar-04	Jul-04	10-Jan-01		Jan-04	1,155,200	5,200,070	4,898,596	301,474
CS-32 (1)	East Sabine Lake Hydrologic Rest - CU 1	USFWS/NRCS	10	Mar-04	Sep-04	10-Jan-01		Jan-04	1,425,447	4,813,863	3,278,191	1,535,672
BA-30	East/West Grand Terre	NMFS	9	Apr-04	Sep-04	11-Jan-00		Jan-04	1,856,203	16,347,283	16,195,220	152,063
TV-11b	Freshwater Bayou Canal, Belle Isle to Lock	COE	9			11-Jan-00		Jan-04	1,498,967	23,572,590	15,013,078	8,559,512
ME-16	Freshwater Intro. South of Hwy 82	USFWS	9	Feb-04	Oct-04	11-Jan-00		Jan-04	607,138	5,280,060	3,547,095	1,732,965
TE-43	GIWW Bank Restoration in Terrebonne	NRCS	10	Jul-04	Oct-05	10-Jan-01		Jan-04	1,735,983	17,922,016	15,766,437	2,155,579
ME-21	Grand Lake Shoreline Protection	COE	11	Mar-04	Aug-04	16-Jan-02		Jan-04	1,049,029	12,513,472	8,546,023	3,967,449
PO-32	Lake Borgne and MRGO	COE	12			16-Jan-03		Jan-04	1,348,345	23,714,601	16,122,708	7,591,893
PO-30	Lake Borgne Shoreline Protection	EPA	10			10-Jan-01		Jan-04	1,334,360	19,784,479	14,983,495	4,800,984
BA-37	Little Lake	NMFS	11	Apr-04	Oct-04	16-Jan-02		Jan-04	2,639,536	43,913,561	38,723,627	5,189,934
TE-44 (2)	North Lake Mechant Landbridge Rest - CU 2	USFWS	10	Jun-04	Jul-05	10-Jan-01		Jan-04		23,625,610	20,461,690	3,163,920

CWPRA - FUNDING FORECAST (August 2003 Task Force Meeting)												
Last updated: 13 August 2003												
Proj No	Project	Agency	PPL	Const Start	Const Completion	Phase 1 Funding Approved	Ph 2 Funding Approved	Forecast Date Ph 2 Funding	Baseline Phase 1 Estimate	Baseline Phase 2 Estimate	Baseline Phase 2 Incr 1	Baseline Phase 2 Remaining Bal
(a)	(b)	(c)	(d)	(e)		(g)	(l)	(j)	(h)	(k)		
PO-26	Opportunistic Use of Bonnet Carre Spillway	COE	9			11-Jan-00		Jan-04	150,706	933,374	127,994	805,380
TE-48	Racoon Island Shoreline Protection	NRCS	11	Aug-04	Dec-05	16-Jan-02		Jan-04	1,016,758	9,338,886	9,058,363	280,523
ME-18	Rockefeller Refuge	NMFS	10	May-04	Aug-05	10-Jan-01		Jan-04	1,929,888	48,000,000	24,000,000	24,000,000
TE-47	Ship Shoal: West Flank Restoration	EPA	11	Apr-04		16-Jan-02		Jan-04	2,998,960	36,303,956	36,023,432	280,524
ME-20	South Grand Cheniere Hydrologic Rest	USFWS	11	Jul-04		16-Jan-02		Jan-04	2,358,420	18,639,490	17,100,261	1,539,229
TE-39 (1)	South Lake DeCade - CU 1	NRCS	9	Jul-04	Jan-05	11-Jan-00		Jan-04	399,927	3,820,386	2,434,752	1,385,634
ME-22	South White Lake	COE	12			16-Jan-03		Jan-04	1,588,085	23,454,238	14,494,099	8,960,139
TE-46	West Lake Boudreaux SP & MC	USFWS	11	May-04		16-Jan-02		Jan-04	1,322,354	13,243,606	12,458,806	784,800
TE-49	Avoca Island Divr and Land Building	COE	12			16-Jan-03		Aug-04	2,229,876	16,927,339	15,059,531	1,867,808
CS-32 (2)	East Sabine Lake Hydrologic Rest - CU 2	USFWS/NRCS	10	Mar-05	Dec-05	10-Jan-01		Aug-04		13,193,853	11,055,346	2,138,507
ME-17	Little Pecan Bayou	NRCS	9	Nov-04	Apr-05	11-Jan-00		Aug-04	1,245,278	14,028,747	10,065,944	3,962,803
MR-12	Mississippi River Sediment Trap	COE	12	Jul-04		7-Aug-02		Aug-04	1,880,376	50,476,723	50,308,586	168,137
BA-35	Pass Chalard to Grand Pass	NMFS	11	Mar-05	Aug-05	16-Jan-02		Aug-04	1,880,700	17,120,730	16,834,975	285,755
PO-29	River Reintroduction Into Maurepas Swamp	EPA	11	Jan-05	Nov-08	7-Aug-01		Aug-04	5,434,288	52,040,200	49,564,049	2,476,151
TV-19	Weeks Bay/Commercial Canal/GIWW	COE	9			11-Jan-00		Aug-04	1,229,337	13,325,187	12,910,467	414,720
BA-34	Small Freshwater Divr to NW Bara Basin	EPA	10	May-05		10-Jan-01		Jan-05	1,899,834	12,414,282	9,720,750	2,693,532
BA-33	Delta Bldg Divr at Myrtle Grove	COE	10	N/A		10-Jan-01		N/A	3,002,114		0	-
BA-39	Bayou Dupont	EPA	12			16-Jan-03		unscheduled	2,192,735	22,534,354	22,096,488	437,866
PO-28	LaBranche Wetlands	NMFS	9			11-Jan-00		unscheduled	821,752	8,675,199	7,959,911	715,288
TE-39 (2)	South Lake DeCade - CU 2	NRCS	9			11-Jan-00		unscheduled	129,664	1,402,776	878,657	524,119
BA-29	Marsh Creation South of Leeville	EPA	9			11-Jan-00		Pending Deauth	1,151,484	5,746,017	5,592,774	153,243
<b>Total Approved Projects</b>									<b>68,805,484</b>	<b>922,780,720</b>	<b>714,332,126</b>	<b>208,448,594</b>
									ck	922,780,720		
<b>COMPLEX PROJECTS</b>												
Complex	Fort Jackson Sediment Diversion	COE				Oct-03			5,956,734	60,783,445	60,146,594	636,851
Complex	Central & Eastern Terrebonne	USFWS				Jul-04			1,800,000	24,000,000	24,000,000	-
<b>Total Complex Projects</b>									<b>7,756,734</b>	<b>84,783,445</b>	<b>84,146,594</b>	<b>636,851</b>
<b>Cumulative PPL Projects and Complex Projects</b>									<b>76,562,218</b>	<b>1,007,564,165</b>	<b>798,478,720</b>	<b>209,085,445</b>
									ck	1,007,564,165		

**CWPPRA Cash Flow Management**  
**Anticipated Funding Requests by Fiscal Year**  
 Last Updated 24 July 03

Beginning Balance<sup>1</sup>                      \$72,884,355.00

Proj #	Project Name	Agency	PPL	Phase II Request Forecast	Phase II Approved	Construction Start	Construction Completion	Need by Fiscal Year												
								Aug 03 <sup>2</sup>	Jan 04	Aug 04	Jan 05	Jan 06	Jan 07	Jan 08	Jan 09	Jan 10	Future FYs			
PO-27	Chandeleur Island Restoration	NMFS	9		11-Jan-00	Jun-01	Jul-01	\$131,859												\$0
MR-11	Periodic Intro of Sed & Nutrients Demo	COE	9		11-Jan-00	Mar-04	Jun-04													\$0
TE-37	New Cut Dune Restoration	EPA	9		10-Jan-01								\$7,362	\$7,605	\$7,856	\$8,115	\$8,383	\$149,751		
CS-30	Perry Ridge West	NRCS	9		10-Jan-01	Nov-01	Jul-02	\$24,055	\$5,192		\$8,075	\$5,540	\$54,338	\$13,466	\$6,108	\$336,703	\$129,881			
TE-45	Terrebonne Bay & Oyster Reef Demo	USFWS	10		10-Jan-01	Apr-04	Jun-04												\$0	
CS-31	Holly Beach	NRCS	11		07-Aug-01	Aug-02	Mar-03												\$0	
TE-41	Mandalay	USFWS	9		25-Oct-01	Apr-03	Aug-03												\$0	
BA-27c(1)	Barataria Basin Landbridge - Ph 3 CU 3	NRCS	9		16-Jan-02	Sep-03	Dec-05					\$1,475,798	\$7,822	\$8,081	\$8,347	\$71,774	\$1,118,517			
LA-03b	Coastwide Nutria	NRCS	11		16-Apr-02	Nov-02				\$3,085,864	\$3,103,012	\$3,120,709	\$3,138,971	\$3,821,285	\$3,687,269	\$32,865,215				
BS-11	Delta Management at Fort St. Philip	USFWS	10		07-Aug-02	Nov-03	Feb-04		\$19,078	\$402,667	\$20,318	\$20,969	\$21,639	\$22,332	\$23,046	\$600,673				
ME-19	Grand-White Lake Landbridge Protection	USFWS	10		07-Aug-02	Jul-03	Dec-03		\$7,750	\$12,560	\$8,254	\$8,518	\$13,805	\$9,072	\$1,950,660	\$1,862,351				
TE-44(1)	North Lake Mechant Landbridge Rest - CU 1	USFWS	10		07-Aug-02	Jun-04	Jul-05												\$0	
BA-27c(2)	Barataria Basin Landbridge - Ph 3 CU 4	NRCS	9		16-Jan-03	Oct-03	Sep-05								\$772,449	\$820,399				
TV-18	Four-Mile Canal	NMFS	9		16-Jan-03	Jun-03	Sep-03			\$7,362	\$7,605	\$12,582	\$8,115	\$8,383	\$13,870	\$1,630,069	\$115,651			
LA-05	Freshwater Floating Marsh Creation Demo	NRCS	12		16-Jan-03	Mar-04	Jul-04													
TE-40	Timbalier Island Dune/Marsh Restoration	EPA	9		16-Jan-03	Jun-04				\$7,362	\$7,605	\$7,856	\$8,115	\$8,383	\$8,660	\$8,945	\$92,762			
	CRMS	USGS/DNR	All	Aug-03				\$5,636,869												
CS-29	Black Bayou Bypass Culverts	NRCS	9	Aug-03		Feb-04	Feb-05	\$3,543,770			\$59,254	\$61,209	\$63,229	\$207,381	\$67,472	\$69,698	\$1,063,224			
Complex	Diversion Below Empire <sup>3</sup>	COE		Oct-03					\$5,956,734		\$60,783,445								\$0	
BA-38	Barataria Barrier Island	NMFS	11	Jan-04		Apr-04	Oct-04		\$50,671,563		\$27,185	\$28,054	\$28,952	\$29,879	\$30,835	\$31,821	\$375,301			
BA-27c(3)	Barataria Basin Landbridge - Ph 3 CU 5	NRCS	9	Jan-04		Aug-04	Dec-05		\$7,757,079						\$1,270,870	\$1,337,582				
BA-27d	Barataria Basin Landbridge - Ph 4	NRCS	11	Jan-04		Oct-04	Sep-05		\$29,840,016			\$9,514	\$9,820	\$10,134	\$115,573	\$10,792	\$4,353,674			
MR-13	Benney's Bay Sediment Diversion	COE	10	Jan-04		Aug-04			\$10,471,655			\$1,216,637	\$1,599,809	\$1,290,253	\$1,317,841	\$1,374,150	\$19,271,734			
AT-04	Castille Pass Sediment Delivery	NMFS	9	Jan-04		May-04	Aug-04		\$14,769,234			\$13,479	\$18,498	\$4,095,291	\$14,857	\$15,348	\$10,673,058			
Complex	Central and Eastern Terrebonne <sup>3</sup>	USFWS		Jan-04				\$1,800,000		\$24,000,000									\$0	
BA-36	Dedicated Dredging on Bara Basin LB	USFWS	11	Jan-04		Jul-04	Jul-05		\$27,121,128			\$13,650	\$14,087	\$14,538	\$15,002	\$15,482	\$204,526			
BS-10	Delta Bldg Divr North of Fort St. Philip	COE	10	Jan-04		Mar-04	Jul-04		\$4,898,596		\$14,657	\$15,126	\$15,610	\$16,110	\$16,625	\$17,157	\$206,186			
CS-32(1)	East Sabine Lake Hydrologic Rest- CU 1	USFWS/NRCS	10	Jan-04		Mar-04	Sep-04		\$3,278,191			\$25,337	\$102,381	\$26,985	\$27,848	\$28,740	\$1,324,381			
BA-30	East/West Grand Terre	NMFS	9	Jan-04		Apr-04	Sep-04		\$16,195,220		\$7,856	\$8,115	\$8,383	\$8,660	\$8,945	\$9,241	\$100,864			
TV-11b	Freshwater Bayou Canal, Belle Isle to Lock	COE	9	Jan-04					\$15,013,078				\$47,104	\$42,944	\$50,264	\$3,470,903	\$4,948,299			
ME-16	Freshwater Intro. South of Hwy 82	USFWS	9	Jan-04		Feb-04	Oct-04		\$3,547,095		\$45,472	\$51,855	\$48,524	\$50,125	\$51,779	\$59,047	\$1,426,172			
TE-43	GIWW Bank Restoration in Terrebonne	NRCS	10	Jan-04		Jul-04	Oct-05		\$15,766,437			\$8,677	\$8,955	\$9,241	\$9,537	\$9,842	\$2,109,328			
ME-21	Grand Lake Shoreline Protection	COE	11	Jan-04		Mar-04	Aug-04		\$8,546,023	\$12,550	\$1,945,875	\$13,367	\$91,177	\$14,236	\$14,692	\$15,162	\$1,860,392			
PO-32	Lake Borgne and MRGO	COE	12	Jan-04					\$16,122,708				\$10,605	\$10,955	\$4,008,989	\$11,690	\$3,549,653			



**CWPPRA Cash Flow Management**  
**Anticipated Funding Requests by Fiscal Year**  
 Last Updated 24 July 03

Beginning Balance<sup>1</sup>                      \$72,884,355.00

Proj #	Project Name	Agency	PPL	Phase II Request Forecast	Phase II Approved	Construction Start	Construction Completion	Need by Fiscal Year										
								Aug 03 <sup>2</sup>	Jan 04	Aug 04	Jan 05	Jan 06	Jan 07	Jan 08	Jan 09	Jan 10	Future FYs	
PO-30	Lake Borgne Shoreline Protection	EPA	10	Jan-04				\$14,983,495		\$10,304	\$10,635	\$10,975	\$1,550,085	\$11,688	\$12,062	\$3,195,235		
BA-37	Little Lake	NMFS	11	Jan-04		Apr-04	Oct-04	\$38,723,627		\$14,032	\$14,481	\$14,946	\$92,430	\$15,917	\$16,426	\$5,021,708		
TE-44(2)	North Lake Mechant Landbridge Rest - CU 2	USFWS	10	Jan-04		Jan-04	Jul-05	\$20,461,690			\$48,283	\$49,827	\$51,422	\$53,067	\$54,746	\$2,906,575		
PO-26	Opportunistic Use of Bonnet Carre Spillway	COE	9	Jan-04				\$127,994	\$38,959	\$40,244	\$41,572	\$42,944	\$44,361	\$45,826	\$47,338	\$504,136		
TE-48	Racoon Island Shoreline Protection	NRCS	11	Jan-04		Aug-04	Dec-05	\$9,058,363				\$13,226	\$13,650	\$14,087	\$14,538	\$225,024		
ME-18	Rockefeller Refuge	NMFS	10	Jan-04		May-04	Aug-05	\$24,000,000		\$24,000,000						\$0		
TE-47	Ship Shoal: West Flank Restoration	EPA	11	Jan-04		Apr-04		\$36,023,432				\$13,226	\$13,650	\$14,087	\$14,538	\$225,024		
ME-20	South Grand Cheniere Hydrologic Rest	USFWS	11	Jan-04		Jul-04		\$17,100,261				\$53,594	\$196,957	\$57,079	\$58,905	\$1,172,695		
TE-39	South Lake DeCade - CU 1	NRCS	9	Jan-04		Jul-04	Jan-05	\$2,434,752			\$34,455	\$35,591	\$36,766	\$333,184	\$39,233	\$906,408		
ME-22	South White Lake	COE	12	Jan-04				\$14,494,099				\$10,605	\$5,138,942	\$11,317	\$161,838	\$3,637,436		
TE-46	West Lake Boudreaux SP & MC	USFWS	11	Jan-04		May-04		\$12,458,806			\$13,226	\$13,650	\$14,087	\$14,538	\$15,002	\$714,297		
TE-49	Avoca Island Divr & Land Building	COE	12	Aug-04					\$15,059,531			\$29,592	\$159,421	\$31,577	\$32,619	\$1,614,599		
CS-32(2)	East Sabine Lake Hydrologic Rest - CU 2	USFWS/NRCS	10	Aug-04		Mar-05	Dec-05	\$11,055,346		\$35,551	\$299,173	\$37,862	\$39,074	\$40,324	\$1,686,523			
ME-17	Little Pecan Bayou	NRCS	9	Aug-04		Nov-04	Apr-05	\$10,065,944			\$63,229	\$65,316	\$67,472	\$811,780	\$71,998	\$2,883,007		
MR-12	Mississippi River Sediment Trap	COE	11	Aug-04		Jul-04		\$50,308,586	\$8,078	\$8,345	\$8,620	\$8,905	\$9,198	\$9,501	\$115,492			
BA-35	Pass Chalant to Grand Pass	NMFS	11	Aug-04		Mar-05	Aug-05	\$16,834,975		\$14,032	\$14,481	\$14,946	\$15,423	\$15,917	\$210,958			
PO-29	River Reintroduction Into Maurepas (Complex)	EPA	11	Aug-04		Jan-05	Nov-08	\$49,564,049						\$128,444	\$132,553	\$2,215,152		
TV-19	Weeks Bay/Commercial Canal/GIWW	COE	9	Aug-04				\$12,910,467				\$8,473	\$73,673	\$9,041	\$9,339	\$314,194		
BA-34	Small Freshwater Divr to NW Bara Basin	EPA	10	Jan-05		May-05				\$9,720,750		\$127,820	\$131,911	\$136,131	\$140,488	\$2,157,172		
BA-39	Bayou Dupont <sup>3</sup>	EPA	12	Unsched										\$20,668	\$21,350	\$22,054	\$373,795	
TE-39	South Lake DeCade - CU 2	NRCS	9	Unsched													\$0	
BA-33	Delta Bldg Divr at Myrtle Grove [WRDA FUNDING]	COE	10	N/A		N/A											\$0	
PO-28	LaBranche Wetlands [ON HOLD]	NMFS	9	On Hold													\$8,675,199	
BA-29	Marsh Creation South of Leeville	EPA	9	Pend Deauth													\$0	
<b>TOTAL Funding Requirement Current FY</b>								\$9,336,553	\$413,869,734	\$165,891,959	\$147,700,792	\$6,389,551	\$6,115,384	\$16,714,524	\$13,464,175	\$13,765,341	\$134,318,853	
<b>Complex Projects Requesting Phase I Funding (1-Oct; 1 Jan)</b>									\$7,756,734									
<b>Yearly PPL Phase I Project Funding</b>																		
<b>Total Federal Funding into the Program (1/03 data)</b>									\$54,000,000		\$57,000,000	\$61,000,000	\$62,000,000	\$64,000,000	\$66,000,000	\$0	\$0	
<b>Total non-Federal Funding into Program</b>								\$1,400,483	\$63,243,970	\$24,883,794	\$22,155,119	\$958,433	\$917,308	\$2,507,179	\$2,019,626	\$2,064,801	\$20,147,828	
<b>REMAINING BALANCE</b>								\$64,948,285	(\$239,434,213)	(\$380,442,378)	(\$448,968,051)	(\$393,419,170)	(\$336,617,246)	(\$286,824,591)	(\$232,269,140)	(\$243,969,680)	(\$358,140,705)	

<sup>1</sup> Beginning Balance are funds available.

<sup>2</sup> First fiscal year funding amount is for construction plus 3 yrs O&M and monitoring.

<sup>3</sup> Unscheduled projects do not have a Phase II request forecast date; initial Phase II funding scheduled for Jan 05.

Anticipated CWPPRA Remaining Balances						24-Jul-03	
Date	Project Name	Reason for Funding Request	Estimated Federal Funds into Program	Estimated Non/Fed Funds into Program	Estimated funding request	Cummulative Remaining Balance <sup>2</sup>	check total (f)
<b>25-Jul-03</b>						<b>\$72,884,355</b>	
01-Aug-03	CRMS	CRMS		\$845,530	\$5,636,869	\$68,093,016	
Aug-03	Black Bayou Bypass Culverts	Phase II-1		\$531,566	\$3,543,770	\$65,080,812	
Aug-03	Chandeleur Island	Phase II-2		\$19,779	\$131,859	\$64,968,732	
Aug-03	Perry Ridge West	Phase II-2		\$3,608	\$24,055	\$64,948,285	\$9,336,553
Oct 03	FY04 CWPPRA Funds		\$54,000,000			\$118,948,285	
Oct-03	Fort Jackson Sediment Diversion (Complex)	Phase I		\$893,510	\$5,956,734	\$113,885,061	\$5,956,734
Jan-04	Central & Eastern Terrebonne Complex Proj (Cor	Phase I		\$270,000	\$1,800,000	\$112,355,061	
Jan 04	Barataria Barrier Island Complex	Phase II-1		\$7,600,734	\$50,671,563	\$69,284,233	
Jan-04	Barataria Basin Landbridge - Ph 3 CU 5	Phase II-1		\$1,163,562	\$7,757,079	\$62,690,715	
Jan 04	Barataria Basin Landbridge - Ph 4	Phase II-1		\$4,476,002	\$29,840,016	\$37,326,702	
Jan 04	Benney's Bay Sediment Diversion	Phase II-1		\$1,570,748	\$10,471,655	\$28,425,795	
Jan-04	Castille Pass Sediment Delivery	Phase II-1		\$2,215,385	\$14,769,234	\$15,871,946	
Jan-04	Dedicated Dredging on Bara Basin LB	Phase II-1		\$4,068,169	\$27,121,128	(\$7,181,013)	
Jan-04	Delta Bldg Div North of Fort St Phillips	Phase II-1		\$734,789	\$4,898,596	(\$11,344,819)	
Jan-04	East Sabine Lake Hydrologic Rest - CU 1	Phase II-1		\$491,729	\$3,278,191	(\$14,131,282)	
Jan-04	East/West Grand Terre	Phase II-1		\$2,429,283	\$16,195,220	(\$27,897,219)	
Jan-04	Freshwater Bayou Canal, Belle Isle to Lock	Phase II-1		\$2,251,962	\$15,013,078	(\$40,658,335)	
Jan-04	Freshwater Intro South of Hwy 82	Phase II-1		\$532,064	\$3,547,095	(\$43,673,366)	
Jan-04	GIWW Bank Restoration in Terrebonne	Phase II-1		\$2,364,966	\$15,766,437	(\$57,074,837)	
Jan-04	Grand Lake Shoreline Protection	Phase II-1		\$1,281,903	\$8,546,023	(\$64,338,957)	
Jan-04	Lake Borgne & MRGO	Phase II-1		\$2,418,406	\$16,122,708	(\$78,043,259)	
Jan-04	Lake Borgne Shoreline Protection	Phase II-1		\$2,247,524	\$14,983,495	(\$90,779,229)	
Aug-03	Little Lake	Phase II-1		\$5,808,544	\$38,723,627	(\$123,694,312)	
Jan-04	North Lake Mechant Landbridge Rest - CU 2	Phase II-1		\$3,069,254	\$20,461,690	(\$108,171,666)	
Jan-04	Opportunistic Use of Bonnet Carre Spillway	Phase II-1		\$19,199	\$127,994	(\$108,280,461)	
Jan-04	Racoon Island Shoreline Protection	Phase II-1		\$1,358,754	\$9,058,363	(\$115,980,069)	
Jan-04	Rockefeller Refuge	Phase II-1		\$3,600,000	\$24,000,000	(\$136,380,069)	
Jan 04	Ship Shoal: West Flank Restoration	Phase II-1		\$5,403,515	\$36,023,432	(\$166,999,986)	
Jan 04	South Grand Cheniere Hydrologic Rest	Phase II-1		\$2,565,039	\$17,100,261	(\$181,535,208)	
Jan 04	South Lake DeCade - CU 1	Phase II-1		\$365,213	\$2,434,752	(\$183,604,747)	
Jan 04	South White Lake	Phase II-1		\$2,174,115	\$14,494,099	(\$195,924,732)	
Jan 04	West Lake Boudreaux SP & MC	Phase II-1		\$1,868,821	\$12,458,806	(\$206,514,717)	\$415,664,542
Aug-04	Avoca Island Divr and Land Building	Phase II-1		\$2,258,930	\$15,059,531	(\$219,315,318)	
Aug-04	East Sabine Lake Hydrologic Rest - CU 2	Phase II-1		\$1,658,302	\$11,055,346	(\$228,712,362)	
Aug-04	Little Pecan Bayou	Phase II-1		\$1,509,892	\$10,065,944	(\$237,268,415)	
Aug-04	Mississippi River Sediment Trap	Phase II-1		\$7,546,288	\$50,308,586	(\$280,030,713)	
Aug-04	Pass Chaland to Grand Pass	Phase II-1		\$2,525,246	\$16,834,975	(\$294,340,441)	
Aug-04	River Reintroduction into Maurepas	Phase II-1		\$7,434,607	\$49,564,049	(\$336,469,883)	
Aug-04	Weeks Bay/Commercial Canal/GIWW	Phase II-1		\$1,936,570	\$12,910,467	(\$347,443,780)	\$165,798,898
Jan 05	Small Freshwater Divr to NW Bara Basin	Phase II-1		\$1,458,113	\$9,720,750	(\$355,706,418)	\$9,720,750
Oct 04 - 09	FY05 - FY09 CWPPRA Funds		\$310,000,000			(\$45,706,417)	
unsched	Fort Jackson Sediment Diversion (Complex)	Phase II		\$9,117,517	\$60,783,445	(\$97,372,346)	
unsched	Central & Eastern Terrebonne Complex Proj (Cor	Phase II		\$3,600,000	\$24,000,000	(\$117,772,346)	
unsched	Delta Building Divr at Myrtle Grove	Phase II		\$0	\$0	(\$117,772,346)	
unsched	Bayou Dupont	Phase II		\$3,380,153	\$22,534,354	(\$136,926,547)	
unsched	South Lake DeCade - CU 2	Phase II		\$210,416	\$1,402,776	(\$138,118,906)	
unsched	LaBranche Wetlands	Phase II		\$1,301,280	\$8,675,199	(\$144,300,466)	
unsched	Marsh Creation South of Leeville	Phase II		\$0		(\$144,300,466)	\$117,395,774

Anticipated CWWPRA Remaining Balances						24-Jul-03	
Date	Project Name	Reason for Funding Request	Estimated Federal Funds into Program	Estimated Non/Fed Funds into Program	Estimated funding request	Cummulative Remaining Balance <sup>2</sup>	check total (f)
	New Cut	Phase II-2		\$28,361	\$189,072	(\$144,461,177)	
	Perry Ridge West	Phase II-2		\$83,895	\$559,303	(\$144,936,585)	
	Barataria Basin Landbridge - Ph 3 CU 3	Phase II-2		\$403,551	\$2,690,339	(\$147,223,373)	
	Coastwide Nutria Control Program	Phase II-2		\$7,923,348	\$52,822,323	(\$192,122,347)	
	Delta Mgmt at Fort St. Phillips	Phase II-2		\$169,609	\$1,130,724	(\$193,083,463)	
	Grand-White Lake Landbridge Protection	Phase II-2		\$580,946	\$3,872,972	(\$196,375,489)	
	Barataria Basin Landbridge - Ph 3 CU 4	Phase II-2		\$238,927	\$1,592,848	(\$197,729,410)	
	Four-Mile Canal	Phase II-2		\$270,546	\$1,803,637	(\$199,262,501)	
	Timbalier Island Dune/Marsh Restoration	Phase II-2		\$22,453	\$149,688	(\$199,389,736)	
	Black Bayou Bypass Culverts	Phase II-2		\$238,720	\$1,591,467	(\$200,742,483)	
	Little Lake	Phase II-2		\$778,490	\$5,189,934	(\$205,153,927)	
	Avoca Island Divr and Land Building	Phase II-2		\$280,171	\$1,867,808	(\$206,741,564)	
	Barataria Barrier Island Complex	Phase II-2		\$82,804	\$552,026	(\$207,210,786)	
	Barataria Basin Landbridge - Ph 3 CU 5	Phase II-2		\$391,268	\$2,608,452	(\$209,427,970)	
	Barataria Basin Landbridge - Ph 4	Phase II-2		\$676,426	\$4,509,505	(\$213,261,049)	
	Benney's Bay Sediment Diversion	Phase II-2		\$3,910,564	\$26,070,424	(\$235,420,910)	
	Castille Pass Sediment Delivery	Phase II-2		\$2,224,580	\$14,830,530	(\$248,026,860)	
	Dedicated Dredging on Bara Basin LB	Phase II-2		\$41,592	\$277,282	(\$248,262,550)	
	Delta Bldg Div North of Fort St Phillips	Phase II-2		\$45,221	\$301,474	(\$248,518,803)	
	East Sabine Lake Hydrologic Rest - CU 1	Phase II-2		\$230,351	\$1,535,672	(\$249,824,124)	
	East Sabine Lake Hydrologic Rest - CU 2	Phase II-2		\$320,776	\$2,138,507	(\$251,641,855)	
	East/West Grand Terre	Phase II-2		\$22,809	\$152,063	(\$251,771,108)	
	Freshwater Bayou Canal, Belle Isle to Lock	Phase II-2		\$1,283,927	\$8,559,512	(\$259,046,694)	
	Freshwater Intro South of Hwy 82	Phase II-2		\$259,945	\$1,732,965	(\$260,519,714)	
	GIWW Bank Restoration in Terrebonne	Phase II-2		\$323,337	\$2,155,579	(\$262,351,956)	
	Grand Lake Shoreline Protection	Phase II-2		\$595,117	\$3,967,449	(\$265,724,288)	
	Lake Borgne & MRGO	Phase II-2		\$1,138,784	\$7,591,893	(\$272,177,397)	
	Lake Borgne Shoreline Protection	Phase I-2		\$720,148	\$4,800,984	(\$276,258,233)	
	Little Lake	Phase II-2		\$778,490	\$5,189,934	(\$280,669,677)	
	Little Pecan Bayou	Phase II-2		\$594,420	\$3,962,803	(\$284,038,059)	
	Mississippi River Sediment Trap	Phase II-2		\$25,221	\$168,137	(\$284,180,976)	
	North Lake Mechant Landbridge Rest - CU 2	Phase II-2		\$474,588	\$3,163,920	(\$286,870,308)	
	Opportunistic Use of Bonnet Carre Spillway	Phase II-2		\$120,807	\$805,380	(\$287,554,881)	
	Pass Chalant to Grand Pass	Phase II-2		\$42,863	\$285,755	(\$287,797,773)	
	Racoon Island Shoreline Protection	Phase II-2		\$42,078	\$280,523	(\$288,036,217)	
	River Reintroduction into Maurepas	Phase II-2		\$371,423	\$2,476,151	(\$290,140,946)	
	Rockefeller Refuge	Phase II-2		\$3,600,000	\$24,000,000	(\$310,540,946)	
	Ship Shoal: West Flank Restoration	Phase II-2		\$42,079	\$280,524	(\$310,779,391)	
	Small Freshwater Divr to NW Bara Basin	Phase II-2		\$404,030	\$2,693,532	(\$313,068,893)	
	South Grand Cheniere Hydrologic Rest	Phase II-2		\$230,884	\$1,539,229	(\$314,377,238)	
	South Lake DeCade - CU 1	Phase II-2		\$207,845	\$1,385,634	(\$315,555,027)	
	South White Lake	Phase II-2		\$1,344,021	\$8,960,139	(\$323,171,145)	
	Weeks Bay/Commercial Canal/GIWW	Phase II-2		\$62,208	\$414,720	(\$323,523,657)	
	West Lake Boudreaux SP & MC	Phase II-2		\$117,720	\$784,800	(\$324,190,737)	\$211,635,613
<b>2009</b>						(\$324,190,737)	
		check	\$436,884,355	\$140,326,330	\$935,508,864	(\$358,298,179)	
<sup>1</sup> Based on January 2003 DOI funding forecast.							935,508,864

**Construction Program Potential Cost Changes  
Coastal Wetlands Planning, Protection, and Restoration Act**

	<u>Total Costs</u>	<u>Non-Federal Costs</u>	<u>Federal Costs</u>	<u>Cumulative Federal Funding Status</u>
Program Database Starting Point (as of 24 July 2003) [see page 14]				\$72,884,355
<b>1. Approved Cost Increases <sup>1</sup></b>				
a. Monitoring Plan Contingency Fund	\$1,911,515	\$286,727	\$1,624,788	\$71,259,567
<b>2. Potential Project Cost Increases <sup>2</sup></b>				
a. Anticipated Oyster Lease Impacts	\$600,000	\$90,000	\$510,000	\$70,749,567
b. Jonathan Davis (Unit 4)	\$16,406,888	\$2,461,033	\$13,945,855	\$56,803,712
c. Anticipated Bayou Lafourche Project Increases <sup>3</sup>				UNKNOWN
<b>3. Complex Project Requesting Phase 1 Funding</b>				
a. Fort Jackson Sediment Diversion (see Item 9a below)		\$0	\$0	\$56,803,712
<b>4. Cash Flow Projects Requesting Phase 2 Construction Funding</b>				
a. CRMS	\$5,636,869	\$845,530	\$4,791,339	\$52,012,374
a. Black Bayou Bypass Culverts	\$3,543,770	\$531,566	\$3,012,205	\$49,000,169
b. Little Lake (included in Item 9d below)		\$0	\$0	\$49,000,169
c. Chandeleur Island	\$131,859	\$19,779	\$112,080	\$48,888,089
d. Perry Ridge West	\$24,055	\$3,608	\$20,447	\$48,867,642
Subtotal	\$28,254,956	\$4,238,243	\$24,016,713	
<b>5. Potential Return of Funds to Construction Program</b> (See pages 27 for details)				
a. Projects that have completed construction	\$683,063	\$102,459	\$580,604	\$49,448,246
b. Projects in construction but not completed	\$2,000,000	\$200,000	\$1,800,000	\$51,248,246
Subtotal	\$2,683,063	\$302,459	\$2,380,604	
<b>6. Potential Deauthorizations</b>				
a. Marsh Creation South of Leeville (PPL 9)	\$1,200,000	\$180,000	\$1,020,000	\$52,268,246
Subtotal	\$1,200,000	\$180,000	\$1,020,000	
<b>7. Deferrals</b>	<u>Total Deferred</u>	<u>Non-Fed. Share of Deferred Amt.</u>	<u>Fed. Share of Deferred Amt</u>	<u>Cumulative Federal Funding Status</u>
a. Sabine Refuge Marsh Creation <sup>4</sup>	\$4,234,052	\$635,108	\$3,598,944	\$48,669,302
b. Lake Portage Land Bridge Phase 1 <sup>6</sup>	\$3,545,580	\$531,837	\$3,013,743	\$45,655,559
Subtotal	\$7,779,632	\$1,166,945	\$6,612,687	
<b>8. Other Adjustments</b>			<u>Amount</u>	
a. FY04 Funding (DOI Jan 03 forecast)			\$54,000,000	\$99,655,559
b. FY05 thru FY09 Funding (DOI Jan 03 forecast)			\$310,000,000	\$409,655,559
<b>9. Anticipated Cash Flow Projects Future Requirements</b>				
a. Oct 03 - Anticipated Ph 1 Funding Request	\$5,956,734	\$893,510	\$5,063,224	\$404,592,335
c. Jan 04 - Anticipated Ph 1 Funding Request	\$1,800,000	\$270,000	\$1,530,000	\$403,062,335
d. Jan 04 - Anticipated Ph 2 Funding Request	\$413,869,734	\$62,080,460	\$351,789,274	\$51,273,061
d. Aug 04 - Anticipated Ph 2 Funding Request	\$165,891,959	\$24,883,794	\$141,008,165	(\$89,735,104)
e. Jan 05 - Anticipated Ph 2 Funding Request	\$9,720,750	\$1,458,113	\$8,262,638	(\$97,997,742)
f. FY05 thru FY09 - Anticipated Ph 2 Funding Request	\$329,031,387	\$49,354,708	\$279,676,679	(\$377,674,421)
Subtotal	\$926,270,564	\$138,940,585	\$787,329,979	

**NOTES:**

- <sup>1</sup> Monitoring contingency fund is approved, but is not included in an project estimates until funds are requested.
- <sup>2</sup> For PPL all projects, save PPL 5 & 6, 85-15 cost sharing was used. PPL 5 & 6 projects use cost sharing at 90-10.
- <sup>3</sup> Estimate pending provision by the Environmental Protection Agency, based on resolution of technical issues and their associated costs.
- <sup>4</sup> Sabine Refuge Marsh Creation - \$5.3 million was approved to complete construction of a permanent pipeline and one cycle of marsh creation. Mr. Fruge expressed his concern that funding of subsequent cycles of marsh creation should be considered by the Task Force. Mr. Hathaway voiced the opinion that approval of such funding could be requested of the Task Force as the opportunity to construct each subsequent increment arose. The motion did not specify whether or not future phases were approved or whether they would compete for funding on future PPL's. The Corps' plan is to request funding for the remaining phases of this project upon completion of engineering and design, probably in January 2001.
- <sup>6</sup> Lake Portage - \$1.0 million was approved for engineering and design and construction of the canal backfilling increment of the project. Mr. Fruge stated the intention of the Task Force to limit funding to the initial increment unless monitoring indicated the need to construct the offshore breakwater increment of the project. Should the breakwaters be required, then EPA will request the additional funds from the Task Force.
- <sup>7</sup> Re-allocating project funds of \$16,095,883 to Bayou Lafourche which were given up January 20, 1999.
- <sup>8</sup> Non-Fed matching share is comprised of a minimum of 5% cash for current estimate, and the remainder can be made up of WIK credit and/or cash.

**Projects on Priority Lists 1 thru 8 That Do Not Have Construction Approval  
 as of August 2003**

PPL	Project	Lead Agency	Unobligated Funds	Construction Start	Status
2	Brown Lake	NRCS	\$2,566,636	Dec-03	Ongoing
3	West Point a la Hache	NRCS	\$3,728,000	Unsched	Ongoing
5	Bayou Lafourche	EPA		Unsched	No construction funds
5	Grand Bayou	FWS	\$6,563,341	Apr-05	Ongoing
5	Myrtle Grove	NMFS	\$14,616		Possible deauthorization
6	Lake Boudreaux	USFWS	\$9,494,896	May-04	Ongoing
6	Penchant	NRCS	\$12,430,966	Jan-05	Ongoing
7		<b>Total</b>	<b>\$34,798,455</b>		

1	Possible Deauthorizations		\$14,616		
2	Unscheduled Projects		\$3,728,000		
4	Scheduled Projects		\$31,055,839		
7		<b>Total</b>	<b>\$34,798,455</b>		

**CWPPRA - Projects Returning Excess Funds**

<b>Agency</b>	<b>Project</b>	<b>Current Estimate</b>	<b>Funds to Be Returned</b>	<b>Revised Current Estimate</b>	<b>Funds Deobligated</b>	<b>Estimates Adjusted/ Funds Returned *</b>
<b>Completed construction projects returning excess funds:</b>						
NRCS	Racoon Island	\$2,049,633.00	\$200,431.00	\$1,849,202.00	\$200,431.00	No
NRCS	V. P. - West Hackberry	\$246,240.00	\$1,140.00	\$245,100.00	\$1,140.00	No
NRCS	V. P. - Timbalier Island	\$432,858.00	\$143,839.00	\$289,019.00	\$143,839.00	No
NRCS	V.P. - Falgout Canal	\$204,979.00	\$7,925.00	\$197,054.00	\$7,925.00	No
NRCS	Verm Bay/Boston Canal	\$1,008,710.00	\$12,362.00	\$996,348.00	\$12,362.00	No
NMFS	Atchafalaya Sed Del	\$2,559,023.00	\$22,028.00	\$2,536,995.00		No
NMFS	Big Island Mining	\$7,550,903.00	\$295,338.00	\$7,255,565.00		No
	<b>Subtotal</b>		<b>\$683,063.00</b>	<b>\$13,369,283.00</b>	<b>\$365,697.00</b>	
<b>Projects that have started construction but not completed:</b>						
NMFS	Delta-Wide Crevasses	\$4,732,653.00	\$2,000,000.00	\$2,732,653.00		No

\* Estimates will be adjusted and funds returned to CWPPRA fund as soon as all first costs are known..

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Analysis of Status of Construction Funds**

**Grand Total**

	Current Estimate	Total Expenditures Inception thru Present				Expenditures Inception thru 30 November 1997				Expenditures 1 December 1997 thru Present				Unexpended Funds
		Federal	Non-Fed	Non-Fed WIK	Total	Federal	Non-Fed	Non-Fed WIK	Total	Federal	Non-Fed	Non-Fed WIK	Total	
Engr_Design	116,954,768.96	32,324,079.30	503,613.14	4,875,394.31	37,703,086.75	8,839,076.17	349,172.00	1,086,865.11	10,275,113.28	23,485,003.13	154,441.14	3,788,529.20	27,427,973.47	79,251,682.21
Lands	6,940,401.83	1,298,347.99	65,105.48	1,847,751.25	3,211,204.72	886,708.70	65,105.48	618,120.87	1,569,935.05	411,639.29	0.00	1,229,630.38	1,641,269.67	3,729,197.11
Construction	271,235,625.07	113,468,817.79	11,658,915.36	8,960,609.04	134,088,342.19	15,359,393.68	3,981,147.08	1,085,205.59	20,425,746.35	98,109,424.11	7,677,768.28	7,875,403.45	113,662,595.84	137,147,282.88
Monitoring	33,078,958.26	5,571,954.45	0.00	3,328,369.01	8,900,323.46	1,531,569.64	0.00	503,352.88	2,034,922.52	4,040,384.81	0.00	2,825,016.13	6,865,400.94	24,178,634.80
O and M	57,537,314.02	1,188,077.62	115,273.23	1,407,710.49	2,711,061.34	127,203.70	0.00	24,985.60	152,189.30	1,060,873.92	115,273.23	1,382,724.89	2,558,872.04	57,385,124.72
Contingency	1,508,271.00													1,508,271.00
<b>Total</b>	<b>487,255,339.14</b>	<b>153,851,277.15</b>	<b>12,342,907.21</b>	<b>20,419,834.10</b>	<b>186,614,018.46</b>	<b>26,743,951.89</b>	<b>4,395,424.56</b>	<b>3,318,530.05</b>	<b>34,457,906.50</b>	<b>127,107,325.26</b>	<b>7,947,482.65</b>	<b>17,101,304.05</b>	<b>152,156,111.96</b>	<b>300,641,320.68</b>
			32,762,741.31				7,713,954.61				25,048,786.70			

	CSA/Grant Estimate	Current Estimate	Total Expenditures	Total Cost Share		Cost Share To Date		Cost Share thru 30 Nov 97		Cost Share 1 Dec 97 thru Present		Remaining Cost Share	
				Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal
				83.12%	16.88%	83.15%	16.85%	76.28%	23.72%	84.70%	15.30%	83.11%	16.89%
Engr_Design	77,016,696.00	116,954,768.96	37,703,086.75	95,434,329.35	21,520,439.61	31,549,463.78	6,153,622.97	7,935,285.34	2,339,827.94	23,614,178.44	3,813,795.03	63,884,865.57	15,366,816.65
Lands	2,265,908.00	6,940,401.83	3,211,204.72	5,615,707.13	1,324,694.70	2,593,924.26	617,280.46	1,178,952.88	390,982.17	1,414,971.38	226,298.29	3,021,782.87	707,414.24
Construction	226,017,966.00	271,235,625.07	134,088,342.19	224,876,437.06	46,359,188.01	111,319,408.63	22,768,933.56	15,525,373.03	4,900,373.32	95,794,035.60	17,868,560.24	113,557,028.43	23,590,254.45
Monitoring	30,667,864.00	33,078,958.26	8,900,323.46	28,163,260.17	4,915,698.09	7,410,965.84	1,489,357.63	1,529,875.72	505,046.80	5,881,090.12	984,310.83	20,752,294.34	3,426,340.46
O and M	59,042,140.00	57,537,314.02	2,711,061.34	49,621,331.34	7,915,982.68	2,293,740.65	417,320.69	114,814.20	37,375.10	2,178,926.45	379,945.59	47,327,590.69	7,498,662.00
Contingency	1,435,106.00	1,508,271.00		1,306,628.40	201,642.60							1,306,628.40	201,642.60
<b>Total</b>	<b>396,445,680.00</b>	<b>487,255,339.14</b>	<b>186,614,018.46</b>	<b>405,017,693.45</b>	<b>82,237,645.70</b>	<b>155,167,503.16</b>	<b>31,446,515.30</b>	<b>26,284,301.18</b>	<b>8,173,605.33</b>	<b>128,883,201.99</b>	<b>23,272,909.98</b>	<b>249,850,190.28</b>	<b>50,791,130.39</b>
				487,255,339.14		186,614,018.46		34,457,906.50		152,156,111.96		300,641,320.68	

5% Min Cash:

Project First Costs: \$19,831,953.34  
Project Total: \$24,362,766.96



**CWPPRA Financial Summary by PPL for Each Agency**

27-Jul-2003

			Type	Total	Engineering	Real Estate	Construction	Monitoring	O & M	Contingency
<b>PPL 0.0</b>	<b>Total</b>	Baseline		238,871.00	238,871.00	0.00	0.00	0.00	0.00	0.00
		CSA		238,871.00	238,871.00	0.00	0.00	0.00	0.00	0.00
		Current		191,807.00	191,807.00	0.00	0.00	0.00	0.00	0.00
		Obligations		191,807.00	191,807.00	0.00	0.00	0.00	0.00	0.00
		Expenditures		191,807.00	191,807.00	0.00	0.00	0.00	0.00	0.00
		Unobligated Balance		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Unexpended Balance		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		<hr/>								
<b>PPL 1.0</b>	<b>Total</b>	Baseline		42,071,095.00	2,538,079.00	0.00	20,948,045.00	5,140,942.00	10,017,497.00	3,426,532.00
		CSA		52,446,892.00	3,960,372.00	233,000.00	23,761,573.00	4,748,361.00	18,811,276.00	932,310.00
		Current		52,842,546.72	3,696,158.97	974,016.45	25,934,991.61	4,538,566.20	17,698,813.49	0.00
		Obligations		29,451,848.12	3,959,664.47	1,071,517.32	22,217,035.56	1,984,034.33	219,596.44	
		Expenditures		28,804,990.17	3,959,953.39	1,071,517.32	21,795,749.75	1,818,051.36	159,718.35	
		Unobligated Balance		23,390,698.60	-263,505.50	-97,500.87	3,717,956.05	2,554,531.87	17,479,217.05	0.00
		Unexpended Balance		24,037,556.55	-263,794.42	-97,500.87	4,139,241.86	2,720,514.84	17,539,095.14	0.00
		<hr/>								

**CWPPRA Financial Summary by PPL for Each Agency**

27-Jul-2003

			Type	Total	Engineering	Real Estate	Construction	Monitoring	O & M	Contingency
<b>PPL 2.0</b>	<b>Total</b>	Baseline	40,644,134.00	3,017,202.00	353,154.00	23,522,828.00	6,165,619.00	3,314,910.00	4,270,421.00	
		CSA	56,589,798.00	4,789,492.00	0.00	37,308,243.00	7,123,170.00	7,368,393.00	500.00	
		Current	66,706,686.35	5,138,513.69	454,538.75	43,879,345.91	7,428,874.00	9,079,140.00	726,274.00	
		Obligations	53,662,481.02	4,928,212.64	638,716.05	42,319,402.38	3,402,421.44	2,373,728.51		
		Expenditures	48,375,693.31	4,918,897.56	638,716.05	38,505,725.06	3,253,632.51	1,058,722.13		
		Unobligated Balance	13,044,205.33	210,301.05	-184,177.30	1,559,943.53	4,026,452.56	6,705,411.49	726,274.00	
		Unexpended Balance	18,330,993.04	219,616.13	-184,177.30	5,373,620.85	4,175,241.49	8,020,417.87	726,274.00	
<b>PPL 3.0</b>	<b>Total</b>	Baseline	40,625,639.00	2,721,224.00	520,229.00	19,039,902.00	5,723,819.00	8,230,471.00	4,389,994.00	
		CSA	47,373,203.00	4,137,754.00	0.00	29,505,729.00	6,212,629.00	7,517,091.00	0.00	
		Current	46,158,285.99	4,012,302.74	636,542.64	28,243,803.98	5,334,002.10	7,928,156.53	3,478.00	
		Obligations	34,447,599.97	3,919,100.95	242,290.52	25,879,255.08	2,317,977.25	2,088,976.17		
		Expenditures	32,141,114.35	3,758,871.26	242,291.02	25,034,506.77	1,762,724.71	1,342,720.59		
		Unobligated Balance	11,710,686.02	93,201.79	394,252.12	2,364,548.90	3,016,024.85	5,839,180.36	3,478.00	
		Unexpended Balance	14,017,171.64	253,431.48	394,251.62	3,209,297.21	3,571,277.39	6,585,435.94	3,478.00	

**CWPPRA Financial Summary by PPL for Each Agency**

27-Jul-2003

			Type	Total	Engineering	Real Estate	Construction	Monitoring	O & M	Contingency
<b>PPL 4.0</b>	<b>Total</b>	Baseline	21,412,242.00	1,626,038.00	2,745,704.00	10,177,175.00	2,005,951.00	2,562,205.00	2,295,169.00	
		CSA	22,797,026.00	1,907,834.00	0.00	18,399,794.00	1,554,128.00	935,270.00	0.00	
		Current	23,133,415.89	2,003,056.71	104,387.85	18,009,166.20	1,411,030.13	1,605,775.00	0.00	
		Obligations	18,195,641.98	1,950,903.12	223,547.57	15,466,302.87	464,459.95	90,428.47		
		Expenditures	12,508,072.10	1,825,092.03	223,547.57	10,017,200.14	383,256.31	58,976.05		
		Unobligated Balance	4,937,773.91	52,153.59	-119,159.72	2,542,863.33	946,570.18	1,515,346.53	0.00	
		Unexpended Balance	10,625,343.79	177,964.68	-119,159.72	7,991,966.06	1,027,773.82	1,546,798.95	0.00	
<b>PPL 5.0</b>	<b>Total</b>	Baseline	60,627,171.00	5,539,934.00	707,167.00	37,017,753.00	3,666,020.00	5,411,632.00	8,284,665.00	
		CSA	19,801,628.00	5,513,143.00	0.00	11,303,311.00	1,183,729.00	1,801,445.00	0.00	
		Current	23,901,291.22	4,784,923.55	157,889.98	10,900,575.62	2,518,604.07	5,047,337.00	491,961.00	
		Obligations	15,777,789.30	4,594,836.82	157,717.59	9,968,027.55	810,127.54	247,079.80		
		Expenditures	13,940,554.69	4,326,884.73	157,717.59	8,875,120.28	537,670.61	43,161.48		
		Unobligated Balance	8,123,501.92	190,086.73	172.39	932,548.07	1,708,476.53	4,800,257.20	491,961.00	
		Unexpended Balance	9,960,736.53	458,038.82	172.39	2,025,455.34	1,980,933.46	5,004,175.52	491,961.00	

**CWPPRA Financial Summary by PPL for Each Agency**

27-Jul-2003

			Type	Total	Engineering	Real Estate	Construction	Monitoring	O & M	Contingency
<b>PPL 5.1</b>	<b>Total</b>	Baseline	9,700,000.00	9,197,725.00	421,875.00	0.00	80,400.00	0.00	0.00	0.00
		CSA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Current	9,700,000.00	9,197,725.00	421,875.00	0.00	80,400.00	0.00	0.00	0.00
		Obligations	4,862,058.35	4,859,725.10	1,647.66	0.00	465.97	219.62		
		Expenditures	156,805.04	154,471.79	1,647.66	0.00	465.97	219.62		
		Unobligated Balance	4,837,941.65	4,337,999.90	420,227.34	0.00	79,934.03	-219.62	0.00	
		Unexpended Balance	9,543,194.96	9,043,253.21	420,227.34	0.00	79,934.03	-219.62	0.00	
<b>PPL 6.0</b>	<b>Total</b>	Baseline	61,203,391.00	5,491,239.00	658,615.00	34,616,591.00	4,957,149.00	8,973,344.00	6,506,453.00	
		CSA	54,700,280.00	5,499,284.00	49,000.00	35,988,493.00	4,667,789.00	8,495,714.00	0.00	
		Current	58,816,841.30	5,791,220.93	242,395.36	35,838,021.75	5,024,836.26	11,920,367.00	0.00	
		Obligations	29,182,396.96	5,138,789.62	261,669.82	19,940,440.98	1,578,083.78	2,263,412.76		
		Expenditures	19,330,132.17	4,301,050.50	261,669.82	14,326,713.77	400,136.36	40,561.72		
		Unobligated Balance	29,634,444.34	652,431.31	-19,274.46	15,897,580.77	3,446,752.48	9,656,954.24	0.00	
		Unexpended Balance	39,486,709.13	1,490,170.43	-19,274.46	21,511,307.98	4,624,699.90	11,879,805.28	0.00	

**CWPPRA Financial Summary by PPL for Each Agency**

27-Jul-2003

			Type	Total	Engineering	Real Estate	Construction	Monitoring	O & M	Contingency
<b>PPL 7.0</b>	<b>Total</b>	Baseline	21,090,046.00	2,115,601.00	400,116.00	13,170,397.00	589,007.00	1,569,742.00	3,245,183.00	
		CSA	21,065,635.00	2,381,122.00	0.00	16,024,597.00	640,575.00	1,525,609.00	493,732.00	
		Current	21,878,599.00	2,447,185.00	75,000.00	16,629,113.00	939,043.00	1,788,258.00	0.00	
		Obligations	8,714,720.53	2,060,356.17	43,179.00	5,810,712.04	528,907.96	271,565.36		
		Expenditures	4,809,112.43	795,582.82	43,179.00	3,686,346.68	281,003.41	3,000.52		
		Unobligated Balance	13,163,878.47	386,828.83	31,821.00	10,818,400.96	410,135.04	1,516,692.64	0.00	
		Unexpended Balance	17,069,486.57	1,651,602.18	31,821.00	12,942,766.32	658,039.59	1,785,257.48	0.00	
<b>PPL 8.0</b>	<b>Total</b>	Baseline	16,435,508.00	2,238,345.00	901,072.00	8,034,555.00	2,264,704.00	1,041,805.00	1,955,027.00	
		CSA	12,037,351.00	1,732,590.00	0.00	7,889,179.00	1,563,347.00	852,235.00	0.00	
		Current	15,196,292.67	2,388,659.37	591,316.80	9,550,882.00	1,624,357.50	844,384.00	196,693.00	
		Obligations	7,730,662.43	1,748,825.08	187,302.37	4,747,178.91	664,326.57	383,029.50		
		Expenditures	5,086,393.84	1,375,945.10	187,302.37	3,420,083.72	101,985.65	1,077.00		
		Unobligated Balance	7,465,630.24	639,834.29	404,014.43	4,803,703.09	960,030.93	461,354.50	196,693.00	
		Unexpended Balance	10,109,898.83	1,012,714.27	404,014.43	6,130,798.28	1,522,371.85	843,307.00	196,693.00	

**CWPPRA Financial Summary by PPL for Each Agency**

27-Jul-2003

			Type	Total	Engineering	Real Estate	Construction	Monitoring	O & M	Contingency
<b>PPL 9.0</b>	<b>Total</b>	Baseline		50,983,474.00	13,382,171.00	2,213,497.00	25,986,422.00	1,717,084.00	2,214,041.00	5,470,259.00
		CSA		31,735,717.00	13,004,529.00	737,023.00	17,324,380.00	628,912.00	32,309.00	8,564.00
		Current		65,576,099.00	17,755,544.00	896,944.00	45,663,537.00	1,213,722.00	33,482.00	12,870.00
		Obligations		47,932,226.19	13,503,043.68	120,956.48	33,914,752.72	372,174.44	21,298.87	
		Expenditures		8,537,951.81	6,389,203.26	125,374.11	1,801,042.99	219,544.43	2,787.02	
		Unobligated Balance		17,643,872.81	4,252,500.32	775,987.52	11,748,784.28	841,547.56	12,183.13	12,870.00
		Unexpended Balance		57,038,147.19	11,366,340.74	771,569.89	43,862,494.01	994,177.57	30,694.98	12,870.00
<b>PPL 10.0</b>	<b>Total</b>	Baseline		30,767,641.00	16,043,742.00	812,763.00	5,499,548.00	1,290,101.00	5,731,506.00	1,389,981.00
		CSA		26,913,286.00	11,945,763.00	597,378.00	7,334,480.00	1,291,990.00	5,743,675.00	0.00
		Current		28,331,052.00	17,901,946.00	897,962.00	7,334,480.00	995,141.00	1,201,523.00	0.00
		Obligations		16,490,711.40	10,582,043.99	177,000.24	5,655,775.00	75,833.74	58.43	
		Expenditures		3,762,423.29	3,522,164.88	177,000.24	0.00	63,199.74	58.43	
		Unobligated Balance		11,840,340.60	7,319,902.01	720,961.76	1,678,705.00	919,307.26	1,201,464.57	0.00
		Unexpended Balance		24,568,628.71	14,379,781.12	720,961.76	7,334,480.00	931,941.26	1,201,464.57	0.00

**CWPPRA Financial Summary by PPL for Each Agency**

27-Jul-2003

			Type	Total	Engineering	Real Estate	Construction	Monitoring	O & M	Contingency
<b>PPL 11.0</b>	<b>Total</b>	Baseline	39,215,892.00	25,663,575.00	974,367.00	11,499,227.00	1,078,723.00	0.00	0.00	
		CSA	31,493,493.00	21,035,442.00	639,507.00	3,087,187.00	772,234.00	5,959,123.00	0.00	
		Current	45,249,614.00	31,893,342.00	715,514.00	11,499,227.00	1,141,531.00	0.00	0.00	
		Obligations	28,220,728.65	21,155,721.26	31,376.05	2,548,322.00	556,820.99	3,928,488.35		
		Expenditures	3,262,096.83	1,985,177.94	31,376.05	1,167,067.85	78,474.99	0.00		
		Unobligated Balance	17,028,885.35	10,737,620.74	684,137.95	8,950,905.00	584,710.01	-3,928,488.35	0.00	
		Unexpended Balance	41,987,517.17	29,908,164.06	684,137.95	10,332,159.15	1,063,056.01	0.00	0.00	
<b>PPL 11.1</b>	<b>Total</b>	Baseline	19,252,492.00	1,176,987.00	0.00	15,217,000.00	291,005.00	340,000.00	2,227,500.00	
		CSA	19,252,500.00	870,500.00	10,000.00	18,091,000.00	281,000.00	0.00	0.00	
		Current	19,252,500.00	1,177,000.00	0.00	17,444,500.00	291,000.00	340,000.00	0.00	
		Obligations	7,914,892.85	260,000.00	0.00	7,654,892.85	0.00	0.00		
		Expenditures	5,460,539.03	1,753.85	0.00	5,458,785.18	0.00	0.00		
		Unobligated Balance	11,337,607.15	917,000.00	0.00	9,789,607.15	291,000.00	340,000.00	0.00	
		Unexpended Balance	13,791,960.97	1,175,246.15	0.00	11,985,714.82	291,000.00	340,000.00	0.00	

**CWPPRA Financial Summary by PPL for Each Agency**

27-Jul-2003

			<b>Type</b>	<b>Total</b>	<b>Engineering</b>	<b>Real Estate</b>	<b>Construction</b>	<b>Monitoring</b>	<b>O &amp; M</b>	<b>Contingency</b>
<b>PPL 12.0</b>	<b>Total</b>	Baseline		10,320,308.00	8,575,384.00	772,019.00	307,981.00	537,851.00	50,078.00	76,995.00
		CSA		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Current		10,320,308.00	8,575,384.00	772,019.00	307,981.00	537,851.00	50,078.00	76,995.00
		Obligations		986,768.01	950,849.05	15,326.47	0.00	20,534.06	58.43	
		Expenditures		246,332.40	196,230.64	49,865.92	0.00	177.41	58.43	
		Unobligated Balance		9,333,539.99	7,624,534.95	756,692.53	307,981.00	517,316.94	50,019.57	76,995.00
		Unexpended Balance		10,073,975.60	8,379,153.36	722,153.08	307,981.00	537,673.59	50,019.57	76,995.00
<hr/>										
<b>CWPPRA Program Total</b>	<b>Total</b>	Baseline		464,587,904.00	99,566,117.00	11,480,578.00	225,037,424.00	35,508,375.00	49,457,231.00	43,538,179.00
		CSA		396,445,680.00	77,016,696.00	2,265,908.00	226,017,966.00	30,667,864.00	59,042,140.00	1,435,106.00
		Current		487,255,339.14	116,954,768.96	6,940,401.83	271,235,625.07	33,078,958.26	57,537,314.02	1,508,271.00
		Obligations		303,762,332.76	79,803,878.95	3,172,247.14	196,122,097.94	12,776,168.02	11,887,940.71	
		Expenditures		186,614,018.46	37,703,086.75	3,211,204.72	134,088,342.19	8,900,323.46	2,711,061.34	
		Unobligated Balance		183,493,006.38	37,150,890.01	3,768,154.69	75,113,527.13	20,302,790.24	45,649,373.31	1,508,271.00
		Unexpended Balance		300,641,320.68	79,251,682.21	3,729,197.11	137,147,282.88	24,178,634.80	54,826,252.68	1,508,271.00



**Construction Start/Completion Schedule**  
**Construction Estimate/Obligations/Expenditures**

Construction Start FY /	Construction		Agency	PL	Acres	Project	Construction		
	Start Date	Compl Date					Estimate	Obligations	Expenditures
			NRCS	3	1087	West Pointe-a-la-Hache Outfall Management	\$1,764,443.00	\$0.00	\$0.00
			EPA	5	988	Bayou Lafourche Siphon	\$0.00	\$0.00	\$0.00
			NMFS	5	1119	Myrtle Grove Siphon	\$31,516.12	\$0.00	\$0.00
			EPA	5.1	0	Mississippi River Water Reintroduction into Bayou Lafourche	\$0.00	\$0.00	\$0.00
			COE	9	529	Freshwater Bayou Bank Stabilization - Belle Isle Canal to Lock	\$0.00	\$0.00	\$0.00
			NMFS	9	489	LaBranche Wetlands Terracing/Plantings	\$0.00	\$0.00	\$0.00
			EPA	9	146	Marsh Creation South of Leeville	\$0.00	\$0.00	\$0.00
			EPA	9	102	New Cut Dune/Marsh Restoration	\$9,161,771.00	\$8,007,849.41	\$4,912.41
			COE	9	177	Opportunistic Use of Bonnet Carre Spillway	\$0.00	\$0.00	\$0.00
			COE	9	138	Weeks Bay/Commercial Canal/GIWW SP	\$0.00	\$0.00	\$0.00

**Construction Start/Completion Schedule  
Construction Estimate/Obligations/Expenditures**

Construction Start FY /	Construction		Agency	PL	Acres	Project	Construction		
	Start Date	Compl Date					Estimate	Obligations	Expenditures
			COE	10	8891	Delta-Building Diversion at Myrtle Grove	\$0.00	\$0.00	\$0.00
			EPA	10	229	Lake Borgne Shoreline Protection	\$0.00	\$0.00	\$0.00
			COE	12	143	Avoca Island Diversion & Land Building	\$0.00	\$0.00	\$0.00
			EPA	12	400	Bayou Dupont Sediment Delivery System	\$0.00	\$0.00	\$0.00
			COE	12	266	Lake Borgne and Mississippi River-Gulf Outlet Shore Protection	\$0.00	\$0.00	\$0.00
			COE	12	702	South White Lake Shore Protection	\$0.00	\$0.00	\$0.00
			FY Total		<u>15,406</u>		<u>\$10,957,730.12</u>	<u>\$8,007,849.41</u>	<u>\$4,912.41</u>

### Construction Start/Completion Schedule Construction Estimate/Obligations/Expenditures

Construction Start FY /	Construction		Agency	PL	Acres	Project	Construction			
	Start Date	Compl Date					Estimate	Obligations	Expenditures	
FY2003	20-Nov-2002	A	NRCS	11	14963	Coastwide Nutria Control Program	\$11,499,227.00	\$2,548,322.00	\$1,167,067.85	
FY2003	15-Dec-2002	A	26-Aug-2003	NMFS	7	442	Pecan Island Terracing	\$2,045,339.00	\$1,732,819.23	\$202,322.53
FY2003	15-Feb-2003	A	01-May-2004	NRCS	8	24	Lake Portage Land Bridge - Ph 1	\$694,871.00	\$709,871.00	\$186,813.60
FY2003	25-Apr-2003	A	31-Aug-2003	FWS	9		Mandalay Bank Protection (DEMO)	\$1,434,445.00	\$933,331.00	\$0.00
FY2003	10-Jun-2003	A	30-Sep-2003	NMFS	9	327	Four-Mile Canal Terracing & Sediment Trapping	\$2,739,659.00	\$2,311,751.00	\$0.00
FY2003	10-Jul-2003	A	30-Dec-2003	FWS	10	213	Grand-White Lake Landbridge Restoration	\$3,936,864.00	\$3,936,864.00	\$0.00
FY2003	21-Aug-2003		30-Oct-2004	COE	1	9831	West Bay Sediment Diversion	\$4,627,152.00	\$500,000.00	\$118,581.46
FY2003	01-Sep-2003		01-Dec-2003	NMFS	8	134	Hopedale Hydrologic Restoration	\$998,158.00	\$841,226.00	\$183,602.15
FY2003	01-Sep-2003		01-Dec-2005	NRCS	9	264	Barataria Basin Landbridge Shoreline Protection - Ph 3	\$10,281,265.00	\$4,569,550.00	\$0.00
				FY Total						
					26,198					
							\$38,256,980.00	\$18,083,734.23	\$1,858,387.59	

**Construction Start/Completion Schedule  
Construction Estimate/Obligations/Expenditures**

Construction Start FY /	Construction		Agency	PL	Acres	Project	Construction		
	Start Date	Compl Date					Estimate	Obligations	Expenditures
FY2004	01-Nov-2003	01-Feb-2004	FWS	10	267	Delta Management at Fort St. Philip	\$1,622,918.00	\$1,343,045.00	\$0.00
FY2004	01-Feb-2004	31-May-2004	NMFS	6	1999	Sediment Trapping at the Jaws	\$2,548,187.00	\$2,278,658.00	\$176,584.89
FY2004	01-Feb-2004	01-Feb-2005	NRCS	9	540	Black Bayou Bypass Culverts	\$0.00	\$0.00	\$0.00
FY2004	01-Feb-2004	01-Oct-2004	FWS	9	296	Freshwater Introduction South of Highway 82	\$0.00	\$0.00	\$0.00
FY2004	01-Mar-2004		COE	9		Periodic Intro of Sediment & Nutrients Along the Miss. River Demo (DEMO)	\$0.00	\$0.00	\$0.00
FY2004	01-Mar-2004	01-Jul-2004	COE	10	2473	Delta-Building Diversion North of Fort St. Philip	\$0.00	\$1,000.00	\$0.00
FY2004	01-Mar-2004	30-Sep-2004	FWS	10	393	East Sabine Lake Hydrologic Restoration	\$0.00	\$0.00	\$0.00
FY2004	01-Mar-2004	01-Aug-2004	COE	11	495	Grand Lake Shoreline Protection	\$0.00	\$0.00	\$0.00
FY2004	01-Mar-2004	01-Jul-2004	NRCS	12	0	Freshwater Floating Marsh Demo (DEMO)	\$307,981.00	\$0.00	\$0.00
FY2004	01-Apr-2004	01-Sep-2004	NMFS	9	472	East/West Grand Terre Islands Restoration	\$0.00	\$0.00	\$0.00

**Construction Start/Completion Schedule**  
**Construction Estimate/Obligations/Expenditures**

Construction Start FY /	Construction		Agency	PL	Acres	Project	Construction		
	Start Date	Compl Date					Estimate	Obligations	Expenditures
FY2004	01-Apr-2004	30-Jun-2004	FWS	10	0	Terrebonne Bay Shore Protection Demonstration (DEMO)	\$1,334,856.00	\$0.00	\$0.00
FY2004	01-Apr-2004	30-Oct-2004	NMFS	11	322	Barataria Barrier Island	\$0.00	\$0.00	\$0.00
FY2004	01-Apr-2004	30-Oct-2004	NMFS	11	713	Little Lake Shoreline Protection/Dedicated Dredging near Round Lake	\$0.00	\$0.00	\$0.00
FY2004	01-Apr-2004		EPA	11	182	Ship Shoal: Whiskey Island West Flank Restoration	\$0.00	\$0.00	\$0.00
FY2004	01-May-2004	01-Jul-2005	FWS	6	619	Lake Boudreaux Basin Freshwater Intro & Hydrologic Mgmt	\$5,453,945.00	\$0.00	\$0.00
FY2004	01-May-2004	01-Aug-2004	NMFS	9	589	Castille Pass Sediment Delivery	\$0.00	\$0.00	\$0.00
FY2004	01-May-2004	01-Aug-2005	NMFS	10	920	Rockefeller Refuge Gulf Shoreline Stabilization	\$0.00	\$0.00	\$0.00
FY2004	01-May-2004		FWS	11	145	West Lake Boudreaux Shoreline Protection & Marsh Creation	\$0.00	\$0.00	\$0.00
FY2004	01-Jun-2004		EPA	9	273	Timbalier Island Dune/Marsh Restoration	\$17,964,119.00	\$15,265,351.00	\$0.00
FY2004	01-Jun-2004	31-Jul-2005	FWS	10	604	North Lake Mechant Landbridge Restoration	\$439,842.00	\$373,866.00	\$0.00

### Construction Start/Completion Schedule Construction Estimate/Obligations/Expenditures

Construction Start FY /	Construction		Agency	PL	Acres	Project	Construction		
	Start Date	Compl Date					Estimate	Obligations	Expenditures
FY2004	01-Jul-2004	01-Oct-2005	NRCS	10	366	GIWW Bank Restoration of Critical Areas in Terrebonne	\$0.00	\$0.00	\$0.00
FY2004	01-Jul-2004	01-Jul-2005	FWS	11	564	Dedicated Dredging on the Barataria Basin Landbridge	\$0.00	\$0.00	\$0.00
FY2004	01-Jul-2004		FWS	11	440	South Grand Cheniere Hydrologic Restoration	\$0.00	\$0.00	\$0.00
FY2004	01-Jul-2004		COE	12	24065	Mississippi River Sediment Trap	\$0.00	\$0.00	\$0.00
FY2004	01-Aug-2004	01-Mar-2005	NRCS	9	201	South Lake DeCade Freshwater Introduction	\$0.00	\$0.00	\$0.00
FY2004	01-Aug-2004		COE	10	5828	Benney's Bay Sediment Diversion	\$0.00	\$1,000.00	\$0.00
FY2004	01-Aug-2004	01-Dec-2005	NRCS	11	167	Raccoon Island Breakwaters - Ph 2	\$0.00	\$0.00	\$0.00
			FY Total		42,933		\$29,671,848.00	\$19,262,920.00	\$176,584.89

### Construction Start/Completion Schedule Construction Estimate/Obligations/Expenditures

Construction Start FY /	Construction		Agency	PL	Acres	Project	Construction		
	Start Date	Compl Date					Estimate	Obligations	Expenditures
FY2005	01-Oct-2004	01-Sep-2005	NRCS	11	334	Barataria Basin Landbridge Shoreline Protection - Ph 4	\$0.00	\$0.00	\$0.00
FY2005	01-Nov-2004	01-Apr-2005	NRCS	9	144	Little Pecan Bayou Control Structure	\$0.00	\$0.00	\$0.00
FY2005	01-Dec-2004	01-Jun-2005	NRCS	2	282	Brown's Lake Hydrologic Restoration	\$1,714,400.00	\$1,714,400.00	\$0.00
FY2005	01-Jan-2005	30-Sep-2005	NRCS	6	1155	Penchant Basin Plan (Incr. 1)	\$9,723,048.00	\$0.00	\$0.00
FY2005	01-Jan-2005	30-Nov-2008	EPA	11	0	River Reintroduction into Maurepas Swamp	\$0.00	\$0.00	\$0.00
FY2005	01-Mar-2005	01-Aug-2005	NMFS	11	161	Pass Chalard to Grand Bayou Pass Barrier Shoreline Restoration	\$0.00	\$0.00	\$0.00
FY2005	01-Apr-2005	01-Nov-2005	FWS	5	199	Grand Bayou / GIWW Freshwater Diversion	\$2,145,846.00	\$0.00	\$0.00
FY2005	01-May-2005		EPA	10	0	Small Freshwater Diversion to the Northwestern Barataria Basin	\$0.00	\$0.00	\$0.00
FY Total					2,275		\$13,583,294.00	\$1,714,400.00	\$0.00
Grand Total					86,812		\$92,469,852.12	\$47,068,903.64	\$2,039,884.89

# COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## PROJECT STATUS SUMMARY REPORT

27 July 2003

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

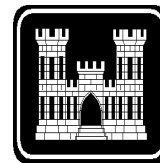
Project Summary by Basin

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  
New Orleans District  
P.O. Box 60267  
New Orleans, LA 70160-0267





## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

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

Lead Agency: DEPT. OF THE ARMY, CORPS OF ENGINEERS

Priority List 1

Barataria Bay Waterway Marsh Creation	BARA	JEFF	445	24-Apr-1995 A	22-Jul-1996 A	15-Oct-1996 A	\$1,759,257	\$1,173,529	66.7	\$1,159,936 \$1,158,153
	<p><b>Status:</b> 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&amp;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.</p>									
Bayou Labranche Marsh Creation	PONT	STCHA	203	17-Apr-1993 A	06-Jan-1994 A	07-Apr-1994 A	\$4,461,301	\$3,667,501	82.2	\$3,620,125 \$3,618,165
	<p><b>Status:</b> 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.</p> <p>The project is being monitored.</p>									
Lake Salvador Shoreline Protection at Jean Lafitte NHP&P	BARA	JEFF	0	29-Oct-1996 A	01-Jun-1995 A	21-Mar-1996 A	\$60,000	\$58,378	97.3	\$58,753 \$58,753
	<p><b>Status:</b> 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.</p> <p>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.</p> <p>Complete. This project was design only.</p>									

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Vermilion River Cutoff Bank Protection	TECHE	VERMI	65	17-Apr-1993 A	10-Jan-1996 A	11-Feb-1996 A	\$1,526,000	\$2,022,961	132.6 !	\$1,800,900 \$1,797,835

**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.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
West Bay Sediment Diversion	DELTA	PLAQ	9,831	29-Aug-2002 A	21-Aug-2003	30-Oct-2004	\$8,517,066	\$22,312,761	262.0 !	\$2,100,233 \$1,718,815

**Status:** An advertisement for construction of the project opened 08 July 2003 and bids will be 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 the week of August 21, 2000.

The major portion of the cost increase is for dredging the anchorage as a result of induced shoaling. Additional cost increases are associated with delays in construction and the need for more extensive river monitoring to satisfy the concerns of the navigation industry for vessel safety.

In a letter dated March 1, 1995, the Local Sponsor, LA DNR, requested deauthorization of the project citing cost overruns and its location on the "bird's foot" delta, which the CWPPRA Restoration Plan calls for a phased-abandonment. A letter requesting deauthorization of the project was issued to the Chairman of the Technical Committee on August 25, 1995. However, at the February 28, 1996 Task Force meeting, the State withdrew its request for deauthorization and work on the project proceeded. The CSA was sent to LA DNR for signature in March 1997. The current estimate exceeds the Priority List estimate by 125% and, therefore, necessitated Task Force approval, which was granted at the April 14, 1998 meeting.

---

Total Priority List	1	10,544					\$16,323,624	\$29,235,130	179.1	\$8,739,946 \$8,351,720
---------------------	---	--------	--	--	--	--	--------------	--------------	-------	----------------------------

- 5 Project(s)
- 5 Cost Sharing Agreements Executed
- 4 Construction Started
- 4 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Clear Marais Bank Protection	CALC	CALCA	1,067	29-Apr-1996 A	29-Aug-1996 A	03-Mar-1997 A	\$1,741,310	\$3,734,596	214.5 !	\$2,886,044
										\$2,883,190
<p><b>Status:</b> 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.</p> <p>Complete.</p>										
West Belle Pass Headland Restoration	TERRE	LAFOU	474	27-Dec-1996 A	10-Feb-1998 A	17-Jul-1998 A	\$4,854,102	\$6,698,262	138.0 !	\$5,387,554
										\$5,384,179
<p><b>Status:</b> We received verbal authority from HQ Counsel to acquire oyster leases, for this project only, directly impacted by the construction of the project. Construction cost increase approved at the January 16, 1998 Task Force meeting.</p> <p>Construction complete. Agreement reached between COE, DNR, and T.L. James Co. on the remediation of the marsh buggy tracks. Planting proposal requested from the Plant Material Research Center.</p>										
Total Priority List 2			1,541				\$6,595,412	\$10,432,858	158.2	\$8,273,598
										\$8,267,368

- 2 Project(s)
- 2 Cost Sharing Agreements Executed
- 2 Construction Started
- 2 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
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	\$649,548 \$645,963
<p><b>Status:</b> Cost increase was due to additional project management costs, by both Federal and Local Sponsor.</p> <p>Surveys identified a pipeline in the crevasse area which would be negatively impacted by the project. US Fish &amp; 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.</p> <p>Construction complete.</p>										
MRGO Back Dike Marsh Protection	PONT	STBER	755	17-Jan-1997 A	25-Jan-1999 A	29-Jan-1999 A	\$512,198	\$318,445	62.2	\$313,145 \$313,145
<p><b>Status:</b> 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.</p> <p>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.</p>										
Pass-a-Loutre Crevasse [DEAUTHORIZED]	DELTA	PLAQ	0				\$2,857,790	\$119,857	4.2	\$119,857 \$119,835
<p><b>Status:</b> 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.</p> <p>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.</p>										

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF THE ARMY (COE)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Total Priority List		3	1,691				\$4,178,385	\$1,327,287	31.8	\$1,082,550 \$1,078,944
<ul style="list-style-type: none"> <li>3 Project(s)</li> <li>2 Cost Sharing Agreements Executed</li> <li>2 Construction Started</li> <li>2 Construction Completed</li> <li>1 Project(s) Deferred/Deauthorized</li> </ul>										

**Priority List 4**

Grand Bay Crevasse [DEAUTHORIZED]	BRET	PLAQ	0				\$2,468,908	\$64,515	2.6	\$64,515 \$64,497
<p><b>Status:</b> 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.</p> <p>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.</p>										
Hopper Dredge (DEMO) [DEAUTHORIZED]	DELTA	PLAQ	0	30-Jun-1997	A		\$300,000	\$58,310	19.4	\$58,310 \$58,310
<p><b>Status:</b> 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.</p> <p>Project deauthorized October 4, 2000.</p>										

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Total Priority List		4	0				\$2,768,908	\$122,824	4.4	\$122,824 \$122,807
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	\$2,585,187	101.2	\$2,240,519 \$2,238,611
<b>Status:</b> 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	\$2,585,187	101.2	\$2,240,519 \$2,238,611
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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
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	\$1,903,303	119.0	\$1,863,771 \$1,858,568
<p><b>Status:</b> CSA executed May 31, 2002. Construction completed June 21, 2002.</p> <p>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".</p> <p>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.</p>										
Marsh Creation East of Atchafalaya River- Avoca Island [DEAUTHORIZED]	TERRE	STMRY	0				\$6,438,400	\$66,869	1.0	\$66,869 \$66,869
<p><b>Status:</b> 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.</p> <p>Project deauthorized July 23, 1998.</p>										
Marsh Island Hydrologic Restoration	TECHE	IBERI	367	01-Feb-2001 A	25-Jul-2001 A	12-Dec-2001 A	\$4,094,900	\$5,141,493	125.6 !	\$3,890,408 \$3,858,947
<p><b>Status:</b> 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.</p> <p>Revised design of closures from earthen to rock because soil borings indicate highly organic material in borrow area.</p>										



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Total Priority List		6	367				\$12,133,300	\$7,111,664	58.6	\$5,821,048 \$5,784,384

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

Priority List 8

Sabine Refuge Marsh Creation	CALC	CAMER	993	09-Mar-2001 A	15-Aug-2001 A	30-Sep-2006	\$5,920,248	\$7,400,310	125.0	\$3,465,244 \$3,422,765
------------------------------	------	-------	-----	---------------	---------------	-------------	-------------	-------------	-------	----------------------------

**Status:** Total project cost estimate is \$10,154,300; Priority List 8 funded \$5,313,000 to complete construction of a permanent pipeline and one cycle of marsh creation. The COE will request funding for dredging cycle 2 which is anticipated for FY2004

Total project cost for dredging cycle is \$4,211,434. Initial project design forecasted a permanent pipeline constructed to facilitate dredging cycles 1-5. However, the permanent pipeline proved to be too expensive to construct and maintain and was dropped as a design feature. 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. Phase 1 of this contract will place approximately 1,000,000 cubic yards of material into a confined area on the Sabine National Wildlife Refuge. It will build 125 acres of marsh with meandering trennasses and enhance the creation of an approximate 50-acre fringe. Additionally, 200 acres of marsh to the west may benefit from the sediment and nutrient flow.

Phase 1 construction was completed on February 26, 2002. The southern dike degradation was completed in the early part of 2003, and Cycle 1 planting is being conducted currently.

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Total Priority List		8	993				\$5,920,248	\$7,400,310	125.0	\$3,465,244 \$3,422,765
<ul style="list-style-type: none"> <li>1 Project(s)</li> <li>1 Cost Sharing Agreements Executed</li> <li>1 Construction Started</li> <li>0 Construction Completed</li> <li>0 Project(s) Deferred/Deauthorized</li> </ul>										

**Priority List 9**

Freshwater Bayou Bank Stabilization - Belle Isle Canal to Lock	TECHE	VERMI	529	01-Apr-2004			\$1,498,967	\$1,498,967	100.0	\$731,693 \$755,465
<b>Status:</b> Site visit held in January 2001 with Local Sponsor and landowner. Right of entry for surveys and borings obtained March 14, 2001. Met with Local Sponsor after survey data processed obtained consensus on cross-section and depth contour. Currently scheduled to ask for construction approval at the January 2004 Task Force meeting. Draft model CSA in review. 30% design review held June 2002. Project revised to include Area A only - shoreline protection work. 95% design review anticipated in late summer 2003.										
Opportunistic Use of Bonnet Carre Spillway	PONT	STCHA	177	01-Jan-2004			\$150,706	\$150,706	100.0	\$62,109 \$62,109
<b>Status:</b> A draft operations plan for opportunistic use of the spillway has been developed and is under review. Impacts to the environment, recreation, and economy are being looked at. The team is currently scheduled to ask for construction approval at the January 2004 Task Force meeting. A draft model CSA is in review.										
Lake Pontchartrain Basin Foundation has partnered with the LSU Coastal Ecology Institute in the development of a nutrient budget model for Lake Pontchartrain. The nutrient budget report was approved by EPA on June 28, 2001.										
This project involves no physical construction.										

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

Actual  
Obligations/  
Expenditures

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			
				CSA	Const Start	Const End	Baseline	Current	%	
Periodic Intro of Sediment & Nutrients Along the Miss. River Demo (DEMO)	VARY	VARY		15-Oct-2003	01-Mar-2004		\$109,730	\$109,730	100.0	\$28,041 \$28,041
	<b>Status:</b> Field site investigations have been completed. Development of sediment capacities at alternative sites is being undertaken.									
Weeks Bay/Commercial Canal/GIWW SP	TECHE	IBERI	138	01-Jan-2003 *			\$1,229,337	\$1,229,337	100.0	\$420,952 \$420,952
	<b>Status:</b> 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	844			\$2,988,740	\$2,988,740	100.0	\$1,242,795 \$1,266,567

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

Priority List 10

Benney's Bay Sediment Diversion	DELTA	PLAQ	5,828	01-Apr-2004	01-Aug-2004		\$1,076,328	\$1,076,328	100.0	\$368,524 \$367,524
	<b>Status:</b> Phase 1 initiated in spring 2001. Draft CSA under negotiation. 30% design review held September 2002.									

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Delta-Building Diversion at Myrtle Grove	BARA	JEFF	8,891				\$3,002,114	\$3,002,114	100.0	\$1,355,486 \$1,047,707
	<p><b>Status:</b> 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 compiled. An initial Value Engineering study is scheduled for the week of July 22, 2002.</p> <p>WRDA may fund Phase 2.</p>									
Delta-Building Diversion North of Fort St. Philip	BRET	PLAQ	2,473	01-Jan-2004	01-Mar-2004	01-Jul-2004	\$1,155,200	\$1,155,200	100.0	\$410,679 \$409,679
	<p><b>Status:</b> Phase I activities are progressing. A project team has been formed and several site visits have been made. Property owners have been identified and will be contacted to determine their willingness to allow project construction. Elevation surveys, subsurface soil data and cultural resource surveys are underway. A hydrologic model has been developed to determine the size of the channel armor gaps and the sediment diversion channel. Salinity modeling efforts are underway to determine the extent of project effects on salinity levels.</p>									
Total Priority List			10	17,192			\$5,233,642	\$5,233,642	100.0	\$2,134,690 \$1,824,911

- 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 *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Grand Lake Shoreline Protection	MERM	CAMER	495	01-Jan-2004	01-Mar-2004	01-Aug-2004	\$1,049,029	\$1,049,029	100.0	\$213,862 \$213,862
<p><b>Status:</b> The Kickoff meeting was held April 2002. A draft CSA is under negotiation. A site visit was conducted in June 2002. The Phase I work plan was submitted to the P&amp;E subcommittee in July 2002. Surveys and borings of the project area have been completed. The preliminary design is being performed. The EA for the project is being prepared for public review. The project is scheduled to seek construction authorization from the Task Force at the winter 2004 meeting.</p>										
Total Priority List 11			495				\$1,049,029	\$1,049,029	100.0	\$213,862 \$213,862

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

Priority List 12

Avoca Island Diversion & Land Building	TERRE	STMRY	143	15-Mar-2004			\$2,229,876	\$2,229,876	100.0	\$6,049 \$33,294
<p><b>Status:</b> This project was approved for Phase I design on PPL12 in January 2003. A kickoff meeting and site visit was held in March 2003. The project work plan for Phase I was submitted to the P&amp;E Subcommittee in May 2003. Right of Entry to perform surveys and geotechnical borings was requested in June 2003.</p>										
Lake Borgne and Mississippi River-Gulf Outlet Shore Protection	PONT	STBER	266	01-Jan-2004			\$1,348,345	\$1,348,345	100.0	\$51,489 \$87,917
<p><b>Status:</b> This project was approved for Phase I design on PPL12 in January 2003. A kickoff meeting and site visit was held in April 2003. The project work plan for Phase I will be submitted to the P&amp;E Subcommittee in July 2003. Right of Entry to perform surveys and geotechnical borings was requested in June 2003.</p>										

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Mississippi River Sediment Trap	DELTA	PLAQ	24,065		01-Jul-2004		\$1,880,376	\$1,880,376	100.0	\$86,142 \$31,964
				<b>Status:</b> 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 second plan formulation meeting with the local sponsor (LA Dept. of Natural Resources and Corps of Engineers).						
South White Lake Shore Protection	MERM	VERMI	702				\$1,588,085	\$1,588,085	100.0	\$15,418 \$93,158
				<b>Status:</b> We anticipate receiving Right-of-Entry approvals by the end of July or early August to move forward with borings contract. DNR expects to begin project survey during the week of July 14, 2002. Environmental, cultural, HTRW compliance assessments are underway. Project is expected to remain on a relatively fast track schedule.						
				3/24/2003						
				Task Force approved Phase I funding. Project Delivery Team preparing information for Phase I Work Plan, Real Estate preparing to obtain Right-of-Entry for surveys, Engineering preparing survey request. Kick-off meeting and field trip scheduled for April 9, 2003.						
Total Priority List			12	25,176			\$7,046,682	\$7,046,682	100.0	\$159,099 \$246,332

- 4 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
<b>Total</b>	<b>DEPT. OF THE ARMY, CORPS OF ENGINEERS</b>		<b>58,918</b>				<b>\$66,792,999</b>	<b>\$74,533,352</b>	<b>111.6</b>	<b>\$33,496,175</b> <b>\$32,818,270</b>

- 29 Project(s)
- 14 Cost Sharing Agreements Executed
- 12 Construction Started
- 11 Construction Completed
- 4 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	

**Lead Agency: ENVIRONMENTAL PROTECTION AGENCY, REGION 6**

**Priority List Conservation Plan**

State of Louisiana Wetlands Conservation Plan	ALL	COAST	0	13-Jun-1995 A	03-Jul-1995 A	21-Nov-1997 A	\$238,871	\$191,807	80.3	\$191,807 \$191,807
<b>Status:</b> 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			0				\$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 (Phase 0) (East Island)	TERRE	TERRE	9	17-Apr-1993 A	16-Jan-1998 A	15-Jun-1999 A	\$6,345,468	\$8,745,210	137.8 !	\$8,708,766 \$8,612,114
<b>Status:</b> 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)**

**Actual**  
**Obligations/**  
**Expenditures**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			
				CSA	Const Start	Const End	Baseline	Current	%	
	Total Priority List	1	9				\$6,345,468	\$8,745,210	137.8	\$8,708,766 \$8,612,114

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

**Priority List 2**

Isles Dernieres (Phase 1) (Trinity Island)	TERRE	TERRE	109	17-Apr-1993 A	27-Jan-1998 A	15-Jun-1999 A	\$6,907,897	\$10,785,706	156.1 !	\$10,790,612 \$10,760,795
--	-------	-------	-----	---------------	---------------	---------------	-------------	--------------	---------	------------------------------

**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	\$10,785,706	156.1	\$10,790,612 \$10,760,795
--	---------------------	---	-----	--	--	--	-------------	--------------	-------	------------------------------

- 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Red Mud Demo (DEMO) [DEAUTHORIZED]	PONT	STJON	0	03-Nov-1994 A			\$350,000	\$470,500	134.4 !	\$542,004 \$542,004
<p><b>Status:</b> 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.</p> <p>The Task Force approved the deauthorization of the project on August 7, 2001. Escrowed funds will be returned to Kaiser Aluminum and Chemical Corp.</p>										
Whiskey Island Restoration	TERRE	TERRE	1,239	06-Apr-1995 A	13-Feb-1998 A	15-Jun-2000 A	\$4,844,274	\$7,721,186	159.4 !	\$7,370,088 \$7,013,217
<p><b>Status:</b> At the January 16, 1998 meeting, the Task Force approved additional funds to cover the increased construction cost on lowest bid received.</p> <p>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.</p>										
Total Priority List			3	1,239			\$5,194,274	\$8,191,686	157.7	\$7,912,092 \$7,555,220

- 2 Project(s)
- 2 Cost Sharing Agreements Executed
- 1 Construction Started
- 1 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	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Compost Demo (DEMO) [DEAUTHORIZED]	CALC	CAMER	0	22-Jul-1996 A			\$370,594	\$425,333	114.8	\$370,171 \$238,286
<p><b>Status:</b> Plans and specifications have been finalized. All permits and construction approvals have been obtained.</p> <p>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.</p> <p>The Task Force approved deauthorization on January 16, 2002.</p>										
Total Priority List			4	0			\$370,594	\$425,333	114.8	\$370,171 \$238,286

- 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Bayou Lafourche Siphon	TERRE	IBERV	988	19-Feb-1997 A			\$24,487,337	\$1,500,000	6.1	\$1,775,986 \$1,771,668
<p><b>Status:</b> 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.</p> <p>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</p> <p>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&amp;D costs of \$9.7 million, as agreed to by the State Wetlands Authority. The allocation of CWPPRA funds for Phase 1 E&amp;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.</p>										
Total Priority List 5			988				\$24,487,337	\$1,500,000	6.1	\$1,775,986 \$1,771,668

- 1 Project(s)
- 1 Cost Sharing Agreements Executed
- 0 Construction Started
- 0 Construction Completed
- 0 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Mississippi River Water Reintroduction into Bayou Lafourche	TERRE	IBERV	0	30-Jun-2002 *			\$9,700,000	\$9,700,000	100.0	\$4,862,058 \$156,805
	<b>Status:</b> As of June 2003, the consulting firm of CH2MHill, based in New Orleans, and a team of sub-consultants are under contract with the Louisiana Department of Natural Resource to provide the Engineering and Design (E&D) for the Bayou Lafourche project. The E&D process is expected to take approximately 24 months to complete. The 30% design review is expected to be completed in approximately 18 months at which time, requires a decision from the Task Force to proceed. The NEPA scoping meeting are expected to begin within the next 3 months.									
Total Priority List		5.1	0				\$9,700,000	\$9,700,000	100.0	\$4,862,058 \$156,805

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

**Priority List 6**

Bayou Boeuf Pump Station [DEAUTHORIZED]	TERRE	STMAR	0				\$150,000	\$3,452	2.3	\$3,452 \$3,452
	<b>Status:</b> 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 *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Total Priority List		6	0				\$150,000	\$3,452	2.3	\$3,452
<ul style="list-style-type: none"> <li>1 Project(s)</li> <li>0 Cost Sharing Agreements Executed</li> <li>0 Construction Started</li> <li>0 Construction Completed</li> <li>1 Project(s) Deferred/Deauthorized</li> </ul>										

**Priority List 9**

Marsh Creation South of Leeville	BARA	LAFOU	146	05-Oct-2000 A		\$1,151,484	\$1,433,393	124.5	\$1,257,351	\$227,755
<p><b>Status:</b> The U.S. Environmental Protection Agency and Louisiana Department of Natural Resources are recommending that this project be de-authorized because: Soil properties and the construction budget are incompatible; hundreds of land ownerships and unopened successions would cause time delays and increase costs; the future La. Hwy-1 Bridge footprint would encroach on the project footprint; and there are several oil and gas pipelines and wells within the project area. The deauthorization is scheduled on the agenda for the July 16, 2003, Tech Committee. Per the CWPPRA Standard Operating Procedures, the request for deauthorization was sent to the Tech Committee in a letter dated April 8, 2003.</p>										
New Cut Dune/Marsh Restoration	TERRE	TERRE	102	01-Sep-2000 A		\$7,393,626	\$10,329,068	139.7 !	\$9,114,929	\$625,804
<p><b>Status:</b> Because of contractual issues related to changing the borrow site location which resulted in a change in scope, the Louisiana Department of Natural Resources (DNR) is currently in the process of cancelling the construction contract with Weeks Marine.</p> <p>EPA and DNR are currently working on re-designing the project to account for a new borrow location and changes in island profile that have occurred since the latest survey. The project location has continued to fill which will likely result in a lesser quantity of material needed to complete the project. The agencies are currently investigating the use of Ship Shoal material to complete the project. EPA and DNR are also seeking input from the Barrier Island Advisory Group for the latest on information on optimized island profiles.</p>										

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: ENVIRONMENTAL PROTECTION AGENCY (EPA)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Timbalier Island Dune/Marsh Restoration	TERRE	TERRE	273	05-Oct-2000 A	01-Jun-2004		\$16,234,679	\$20,092,804	123.8	\$17,341,847 \$1,039,652
<p><b>Status:</b> 95% Design completed August 2002 and 95% design review meeting held September 2002.</p> <p>National Environmental Policy Act (NEPA) activities completed with Finding of No Significant Impact dated December 21, 2002 and Statement of Findings dated February 28, 2003.</p> <p>Funding for construction approved January 2003.</p> <p>Landrights issues still outstanding and negotiations are ongoing.</p> <p>Efforts underway to quantify the impacts of Hurricane Lilly (October 2002) and tropical storms Isadore (September 2002) and Bill (June 2003) on the project design.</p> <p>Construction anticipated to begin June 2004.</p>										
Total Priority List			9			521	\$24,779,789	\$31,855,265	128.6	\$27,714,127 \$1,893,212

- 3 Project(s)
- 3 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: ENVIRONMENTAL PROTECTION AGENCY (EPA)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Lake Borgne Shoreline Protection	PONT	STBER	229	02-Oct-2001 A			\$1,334,360	\$1,667,950	125.0	\$1,807,504 \$273,406
	<p><b>Status:</b> Cultural resources have been identified in the project area that will affect placement of shoreline protection feature. Contracting actions underway to assess significance of resources so preparation of National Environmental Policy Act (NEPA) documentation can proceed.</p> <p>Oyster leases are in project area and impact resolution is ongoing.</p>									
Small Freshwater Diversion to the Northwestern Barataria Basin	BARA	STJAM	0	08-Oct-2001 A	01-May-2005		\$1,899,834	\$2,362,687	124.4	\$2,051,637 \$72,491
	<p><b>Status:</b> Survey scope of work has been completed and will be executed soon. Landrights work for water level gauges is underway.</p>									
Total Priority List			10	229			\$3,234,194	\$4,030,637	124.6	\$3,859,141 \$345,897

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

**Priority List 11**

River Reintroduction into Maurepas Swamp	PONT	STJON	0	04-Apr-2002 A	01-Jan-2005	30-Nov-2008	\$5,434,288	\$6,780,307	124.8	\$5,645,010 \$102,954
	<p><b>Status:</b> DNR is having land cost estimates made on several tracts of land. Once all appraisals are received and reviewed, DNR will proceed with contacting the owners with proposals to possibly acquire options on the properties.</p>									



**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: ENVIRONMENTAL PROTECTION AGENCY (EPA)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Ship Shoal: Whiskey Island West Flank Restoration	TERRE	TERRE	182		01-Apr-2004		\$2,998,960	\$3,742,053	124.8	\$3,269,130 \$8,086
	<b>Status:</b> DNR is in the process of making a final determination of RSIQ selection for Phase 1 efforts. Engineering and design tasks will begin shortly.									

---

Total Priority List	11		182				\$8,433,248	\$10,522,360	124.8	\$8,914,139 \$111,039
---------------------	----	--	-----	--	--	--	-------------	--------------	-------	--------------------------

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

**Priority List 12**

Bayou Dupont Sediment Delivery System	BARA	JEFF	400				\$2,192,735	\$2,192,735	100.0	\$559,235 \$0
	<b>Status:</b>									

---

Total Priority List	12		400				\$2,192,735	\$2,192,735	100.0	\$559,235 \$0
---------------------	----	--	-----	--	--	--	-------------	-------------	-------	------------------

- 1 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: ENVIRONMENTAL PROTECTION AGENCY (EPA)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
<b>Total</b>	<b>ENVIRONMENTAL PROTECTION AGENCY, REGION 6</b>		<b>3,677</b>				<b>\$92,034,407</b>	<b>\$88,144,191</b>	<b>95.8</b>	<b>\$75,661,587</b> <b>\$31,640,295</b>

- 16 Project(s)
- 12 Cost Sharing Agreements Executed
- 3 Construction Started
- 3 Construction Completed
- 3 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 THE INTERIOR (FWS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
<b>Lead Agency: DEPT. OF THE INTERIOR, FISH &amp; WILDLIFE SERVICE</b>										
<b>Priority List 1</b>										
Bayou Sauvage Refuge #1	PONT	ORL	1,550	17-Apr-1993 A	01-Jun-1995 A	30-May-1996 A	\$1,657,708	\$1,629,403	98.3	\$1,166,566 \$1,144,714
	<b>Status:</b> FWS and LDNR are presently developing a project Operation and Maintenance Plan.									
Cameron Creole Watershed Hydrologic Restoration	CALC	CAMER	865	17-Apr-1993 A	01-Oct-1996 A	28-Jan-1997 A	\$660,460	\$991,295	150.1 !	\$687,994 \$685,973
	<b>Status:</b> Complete.									
Cameron Prairie Refuge Erosion Prevention	MERM	CAMER	247	17-Apr-1993 A	19-May-1994 A	09-Aug-1994 A	\$1,177,668	\$1,227,123	104.2	\$1,014,864 \$1,011,510
	<b>Status:</b> Complete.									
Sabine Refuge Bank Protection	CALC	CAMER	5,542	17-Apr-1993 A	24-Oct-1994 A	01-Mar-1995 A	\$4,895,780	\$1,602,613	32.7	\$1,290,331 \$1,288,895
	<b>Status:</b> Complete.									
Total Priority List 1			8,204				\$8,391,616	\$5,450,434	65.0	\$4,159,756 \$4,131,093

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

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
<b>Priority List 2</b>										
Bayou Sauvage Refuge #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	\$1,157,332 \$1,133,865
<b>Status:</b> FWS and LDNR are presently developing a project Operation and Maintenance Plan.										
Total Priority List 2			1,280				\$1,452,035	\$1,642,552	113.1	\$1,157,332 \$1,133,865

- 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Sabine Refuge Structure Replacement (Hog Island)	CALC	CAMER	953	26-Oct-1996 A	01-Nov-1999 A	30-Mar-2003 *	\$4,581,454	\$4,517,356	98.6	\$3,280,913 \$3,166,779
	<b>Status:</b>									
	Construction began the week of November 1, 1999, and was originally projected to be completed by June 2001. The Headquarters Canal structure was completed the week of February 9, 2000. The Hog Island Gully replacement structure was completed in August 2000. Work on the final structure, West Cove, was substantially completed by June 2001. The Hog Island Gully and West Cove structures are not fully operational due to an electrical service problem.									
	The project completion date has been extended to March 2003 because of a continued electrical problem with the structure motors. The three-phase electrical service to the structures is not the proper three-phase. Transformers and filters were added to the Hog Bayou and West Cove structures by December 2001, but operation was not totally satisfactory. On March 12, 2002, the Rotorque representative (manufacturer of the motors and Logic controllers) corrected problems with the Hog Island Gully Structure (motors running in reverse); that company has certified that the motors are now operating properly. On March 13, 2002, representatives of the contractor, F. Miller and Sons, and the NRCS successfully tested structure operation in manual mode. NRCS engineers completed observations of structure operation during the automatic mode in June 2002 and determined that the structures continued to operate incorrectly in that mode. It was determined that the Logic Controllers are so sensitive they can determine that power to the motors is not the correct 3-Phase. The controllers are thus causing motor malfunctions even with filters and transformers in place.									
	The NRCS has contracted with an electrical engineering consultant to provide recommendations to correct the logic controller motor problems. The consultant is currently investigating structure operation problems at the Hog Island Gully and West Cove structures, and will prepare a report in the near future recommending corrective actions. One possible solution could be to replace the existing logic controllers with less-sensitive controllers able to operate properly with the existing 3-Phase electrical current available.									
Total Priority List 3			953				\$4,581,454	\$4,517,356	98.6	\$3,280,913 \$3,166,779

- 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 THE INTERIOR (FWS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
<b>Priority List 5</b>										
Grand Bayou / GIWW Freshwater Diversion	TERRE	LAFOU	199	01-Mar-2004	01-Apr-2005	01-Nov-2005	\$5,135,468	\$8,209,722	159.9 !	\$1,059,962 \$674,457
<b>Status:</b> FTN and Associates should soon complete their cost estimate for the needed hydrologic modeling. Once their report is available, the recommended data collection and modeling tasks will be coordinated with the data and modeling needs for the Morganza to the Gulf (Houma Hurricane Protection) Project to avoid duplication and waste.										
Total Priority List 5			199				\$5,135,468	\$8,209,722	159.9	\$1,059,962 \$674,457

- 1 Project(s)
- 0 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Lake Boudreaux Basin Freshwater Intro & Hydrologic Mgmt	TERRE	TERRE	619	22-Oct-1998 A	01-May-2004	01-Jul-2005	\$9,831,306	\$10,519,383	107.0	\$798,486 \$722,274

**Status:**

A preliminary survey (conducted in January 2003) of landowners potentially affected by the construction of the proposed conveyance channel has indicated that they would generally accept project construction provided there was sufficient compensation for impacts to property usage and values. Consequently, the DNR is initiating a general appraisal of affected properties to better determine property value impacts, to inform landowners of compensation available for project impacts, and to help establish the location of the channel for engineering purposes. If landrights for the preferred conveyance channel route cannot be obtained, the conveyance channel will be re-located to properties where landowners have already voiced approval.

Installation of additional water level monitoring stations and elevation surveys of existing and proposed monitoring stations are underway. The resulting data will enable engineers to more accurately estimate the project's freshwater introduction rates and the project-induced water level rise in the receiving area and in Bayou Grand Caillou. This together with revised construction costs and landrights acquisition, will allow the project to proceed to the 30% engineering and design stage.

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Nutria Harvest for Wetland Restoration (DEMO)	COAST	COAST	0	27-Oct-1998 A	20-Sep-1998 A	30-Oct-2003	\$2,140,000	\$2,140,000	100.0	\$1,388,161 \$612,423

**Status:**

During FY 2001 and 2002, the LDWF performed the following tasks: 1) Produced a 2001 herbivory damage survey report and map on December 31, 2001 ("A Survey of Nutria Herbivory Damage in Coastal Louisiana in 2001," by Edmond Mouton, G. Linscombe and S. Hartley); 2) Coordinated with consultants to develop and implement various nutria meat marketing activities. Marketing activities included LDWF staff activities and contracting with consultants to assist in: a) developing and evaluating local, national, and international nutria meat market potential for human consumption; b) developing a nutria meat marketing plan; c) participating in festivals and chef's competitions; d) distributing nutria meat to the public through sales at grocery stores, restaurants, and other retail outlets; e) determining nutria meat processing costs, product price structure, and potential meat production volume; and f) planning product and market-specific promotional and advertising activities based on the Nutria Marketing Strategic Report.

During October - December 2001, LDWF purchased nutria meat from processors and used it to make gumbo, sausage and nutria nuggets. LDWF participated in the following events by providing nutria dishes; the New Iberia Golf Classic, GIS Day at the USGS Wetlands Center, the CWPPRA December 14, 2001, dedication at Sabine NWR (160 people), three events by Chef Parola, Louisiana State Archives (200 people), Baton Rouge Catholic High "Food Festival" (300 people), an event at the Louisiana State Capitol (400 people), and the New Orleans City Park's "Celebration in the Oaks Party". LDWF is continuing work with the LA Culinary Arts Institute to develop nutria products for retail and wholesale such as nutria nuggets, nutria spring rolls, nutria sausage, nutria tamales, nutria boudin, and nutria jambalaya.

LDWF issued a contract on February 1, 2002, to the Weill Agency for consultant assistance in the following nutria meat marketing categories: 1) to provide information to the public concerning nutria meat nutrition and nutria's impact on coastal wetlands; 2) to develop new markets, and 3) to create positive publicity for nutria meat by developing partnerships. April to July, 2002, LDWF nutria promotion activities included presentation of nutria products at the following events: 1) Nutria Beignets at the "Wild Beast Fest" in Plaquemine, LA (350 guests); 2) Nutria Beignets at the Old State Capitol (250 guests including State Legislators); 3) assisted the Weill Agency in a grocery store (Two Matherns's stores) promotion presenting smoked sausage prepared by Bellue's in Baton Rouge, and 4) finally, LDWF is developing a Nutria Web site (www.nutria.com). The Weill Agency contract activities for the April-June 2002 quarter included: 1) promoting nutria and serving nutria gumbo, at the "Wild Beast Feast" in Larose, LA; 2) provided nutria meat nutritional information at the "The Around the World/Digestive Health Foundation of LA"; 3) served Nutria Beignets at the "Beast Feast" in Port Allen, LA; 4) served smoked nutria sausage at "Matherns's Supermarket Road Show" in Baton Rouge, LA; 5) served nutria sausage at the "Gonzales Jambalaya Festival" in Gonzales, LA; and 6) finally, served nutria jambalaya at the "Baton Rouge Family Day in the Park".

The LDWF 1999, 2000, and 2001 nutria coastal damage surveys and reports indicated continued nutria-related marsh damages in the Louisiana deltaic plain at a level of approximately 100,000 acres per year impacted. Because of the January



**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
<p>16, 2002, Task Force approval of the larger Nutria Control Project, the LDWF will discontinue providing incentive payments to trappers and conducting nutria herbivory surveys under this demonstration project. Those two items will be funded under the larger project. However funding for nutria meat processors enrolled in the program as well as nutria meat marketing activities will continue under this demonstration project. A decision to continue this demonstration project will be made by project sponsors at the end of 2002 after examining the results from the marketing contract. LDWF, with Chef Parola, will participate in the 2002 New Orleans Culinary Classic and the Louisiana Restaurant Food Exposition (August 3 thru August 5 2002).</p> <p>From July through September 2002 the following activities were completed: A contract chef (Philippe Parola): 1) prepared "Nutria Gumbo" at the Royal Sonesta Hotel in New Orleans for 250 members of the annual meeting of the Council for Development of French in Louisiana; 2) prepared "Nutria Gumbo" at the Renaissance Hotel for the Bastille Day Celebration for 500 guests; 3) trained the kitchen staff of Woods &amp; Waters of Louisiana on the preparation of "Louisiana Nutria Beignets Appetizers;" 4) served "Nutria Gumbo" at the Cancer Society Benefit in Baton Rouge for 800 guests; 5) attended and served 200 guests at the Wild Game Festival in the Lafayette CajunDome; and 6) participated in the 2002 New Orleans Culinary Classic and the Louisiana Restaurant Food Exposition August 3 to 5, 2002. LDWF sponsored a "Nutria Meat Category" at the Exposition. The Louisiana Culinary Institute, under contract, traveled to China via an invitation from Jin Hong Food Trade Co., LTD and demonstrated different cooking methods and recipes for nutria to a team of Chinese chefs and marketing staff. The LDWF staff worked with the Weill Agency to participate in The Louisiana Restaurant Association Expo in New Orleans and the Alternative Fuel Vehicles and Food Expo in Gonzales at the Lamar Dixon Expo Center. The Weill Agency updated the web site (www.nutria.com) with new upcoming events, news releases and new nutria products and worked with product developers on packaging, labeling and marketing nutria products. Chef Parola and the Weill Agency developed nutria meat products for the wholesale and retail food service industry, such as nutria sausage, nutria spring rolls and nutria nuggets. Pete Giovinco from Deer Depot is making "Nutria Snack Sticks" and "Nutria Jerky" for potential marketing.</p>										
Total Priority List			6	619			\$11,971,306	\$12,659,383	105.7	\$2,186,648 \$1,334,698
<ul style="list-style-type: none"> <li>2 Project(s)</li> <li>2 Cost Sharing Agreements Executed</li> <li>1 Construction Started</li> <li>0 Construction Completed</li> <li>0 Project(s) Deferred/Deauthorized</li> </ul>										

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Freshwater Introduction South of Highway 82	MERM	CAMER	296	12-Sep-2000 A	01-Feb-2004	01-Oct-2004	\$607,138	\$726,223	119.6	\$245,317 \$245,196
	<b>Status:</b>									
	<p>The project was approved for Phase I engineering and design on January 11, 2000. An initial implementation meeting was held in April 2000 and field trips were held in May and June 2000. A surveying meeting was held July 5, 2000. The final Cost Share Agreement was signed by FWS and DNR on September 12, 2000. Elevational surveys of marsh levels and existing water monitoring stations and control points were completed by Lonnie Harper and Associates October 26, 2000. Three more continuous recorders were established in May and June 2001 at the Unit 14 Boathouse, South Lake 14 and in Cop Cop Bayou.</p> <p>A meeting to discuss hydrodynamic modeling was held October 9, 2001, and a modeling field trip held on November 30, 2001. Modeling and surveying cost estimates were discussed on December 11, 2001. The Notice to Proceed for the modeling and surveying was issued on January 28, 2002 by DNR. Additional continuous water level and salinity recorders were installed in March 2002 at Grand Volle Lake and Rollover Bayou to support the modeling study. Modeling field elevation and cross-sectional surveying was completed in March 2002, model calibration was to be completed by July 2002, initial modeling results were to be presented in August 2002, and the final modeling report was to be completed by October 2002; however, data corrections caused a delay in this schedule. An interagency meeting was held May 24, 2002, to review the Fenstermaker model setup and the status of the modeling work plan. The one-dimensional "Mike 11" model will be used for the analysis. Landrights have been obtained to allow pre-construction modeling data collection and surveying on Miami Corporation property.</p> <p>In October 2001, Erick Swenson of the LSU Coastal Ecology Institute completed a hydrologic study of the LA Hwy 82 area that concluded that a water level difference existed north and south of LA Hwy 82 sufficient to flow water north to south. The project hydrology is currently being modeled as described above.</p> <p>The modeling schedule has been delayed due to the difficulty in applying the barometric pressure correction to two unvented LDWF continuous data recorders. Model calibration was completed November 21, 2002, with the project-sponsor acceptance of the calibration results. Model verification will be completed November 21 to December 11, 2002. A model verification meeting will be held December 12, 2002.</p>									
Mandalay Bank Protection (DEMO)	TERRE	TERRE		06-Dec-2000 A	25-Apr-2003 A	31-Aug-2003	\$1,194,495	\$1,869,659	156.5 !	\$1,204,226 \$228,763
	<b>Status:</b> Construction is currently underway and is expected to be completed by September 1, 2003.									

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Total Priority List		9	296				\$1,801,633	\$2,595,882	144.1	\$1,449,543 \$473,959

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

**Priority List 10**

Delta Management at Fort St. Philip	BRET	PLAQ	267	16-May-2001 A	01-Nov-2003	01-Feb-2004	\$3,183,938	\$2,053,216	64.5	\$1,522,743 \$171,319
<b>Status:</b> Due to difficulty in obtaining landrights for one of the crevasses, the project sponsors have applied for a modification to the Section 404 permit. Construction is anticipated to begin in June 2003.										

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
East Sabine Lake Hydrologic Restoration	CA/SB	CAMER	393	17-Jul-2001 A	01-Mar-2004	30-Sep-2004	\$1,425,447	\$1,781,809	125.0 !	\$920,605 \$382,712

**Status:**

Phase I funding was approved by the CWPPRA Task Force on January 10, 2001. A design orientation interagency meeting was held February 14, 2001, and an orientation field trip was completed on March 27, 2001. FWS, DNR and the NRCS completed a joint cost-share agreement on July 17, 2001. NRCS contracted with FTN for hydrodynamic modeling services. Initial modeling meetings with FTN were held in August and November 2001. Phase I hydrodynamic modeling consists of reconnaissance, gathering of existing data, model selection and model geometry establishment. Phase II modeling will include initial model calibration (without-project and with-project scenario) model runs. DNR contracted to establish survey monument control points in December 2001. NRCS completed most cross sectional surveys by July 2002. DNR installed three continuous water level and salinity recorders in September 2001, and contracted the installation and maintenance of five more in January 2002 for modeling purposes. FTN installed an additional continuous recorder near Johnsons Bayou in spring 2002. The continuous recorder salinity and water level data will be collected for 1 year, primarily for model use. The modeling is to be completed by Spring 2003. Benchmark and cross sectional surveys were completed in March 2002; marsh elevation surveys were completed by May 2002.

The sponsors have decided to separate project components into two construction units. Construction Unit 1 will include the earthen terraces, shoreline stabilization, and minor hydrologic structures; Construction Unit 2 will include the larger hydrologic restoration structures now being modeled. Landrights work was initiated in February 2002. Few landrights problems are anticipated because most of project is located on the Sabine NWR.

A field inspection of the Pines Ridge weir component and surrounding marshes was completed in June 2002. A Construction Unit 1 meeting was held September 4, 2002, to focus on the design and placement of the earthen terraces and other CU 1 components, as well as the status of the modeling study for Construction Unit 2 components. A field trip among project sponsors is planned for December 2002 to inspect existing Sabine NWR terraces and to determine the east Sabine Lake shoreline's suitability for vegetative plantings. Revised draft permit drawings for CU 1 components were prepared by NRCS in November 2002. A 30% Design Conference for Unit 1 components could be held in early 2003.

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Grand-White Lake Landbridge Restoration	MERM	CAMER	213	24-Jul-2001 A	10-Jul-2003 A	30-Dec-2003	\$9,635,124	\$5,762,252	59.8	\$4,346,146 \$166,909
	<b>Status:</b>									
	The Task Force approved Phase I engineering and design funding on January 10, 2001. The Cost Share Agreement between LDNR and the USFWS was executed on July 24, 2001 and executed by the state Office of Contractual Review on August 10 2001. On December 12, 2001, LDNR certified that landrights have been completed with Miami Corp., Long-Mallard Bay LLC, and the Cameron Parish School Board.									
	Project sponsors received conditional Phase II construction funding approval by the CWPPRA Task Force on August 7, 2002. The Corps (Section 404) permit public notice was issued September 17, 2002. A coastal zone consistency determination was received from DNR on September 19, 2002. Notice of Availability of the draft Environmental Assessment was published in the Federal Register on October 19, 2002 and completed on November 19, 2002. The LA Department of Environmental Quality Water Quality Certification was received October 28, 2002. The Corps Section 303(e) determination requested on July 13, 2002, but has not been received. The NRCS Overgrazing Determination was received August 30, 2002. NRCS engineers completed final engineering designs. A favorable 95% Design Review was held September 12, 2002. The NRCS has completed revised final designs and specifications; the project is ready for construction contracting pending receipt of the Corps Section 404 permit and Section 303(e) determination, and transfer of funding from the Corps.									
North Lake Mechant Landbridge Restoration	TERRE	TERRE	604	16-May-2001 A	01-Jun-2004	31-Jul-2005	\$2,383,052	\$2,383,052	100.0	\$559,389 \$167,630
	<b>Status:</b>									
	The shoreline plantings were installed in May 2003. A successful 30% design review for the rest of the project features was held on May 7, 2003. Oyster surveys of the borrow areas will be conducted in July. Because of delays in implementation of the CWPPRA oyster policy and other delays in completing the Phase II funding requirements, the request for Phase II construction funds has been pushed back to January 2004.									
Terrebonne Bay Shore Protection Demonstration (DEMO)	ALL	TERRE	0	24-Jul-2001 A	01-Apr-2004	30-Jun-2004	\$2,006,373	\$2,507,966	125.0	\$83,960 \$83,630
	<b>Status:</b>									
	Construction approval was delayed pending completion of oyster surveys and will be requested at the August 2003 Task Force meeting.									

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Total Priority List		10	1,477				\$18,633,934	\$14,488,295	77.8	\$7,432,842 \$972,201
5 Project(s) 5 Cost Sharing Agreements Executed 1 Construction Started 0 Construction Completed 0 Project(s) Deferred/Deauthorized										

**Priority List 11**

Dedicated Dredging on the Barataria Basin Landbridge	BARA	JEFF	564	03-Apr-2002 A	01-Jul-2004	01-Jul-2005	\$2,294,410	\$2,868,013	125.0 !	\$34,390 \$9,920
<b>Status:</b> The geotechnical investigation has been completed and the report has been provided by the contractor. Surveys should be conducted in July or August. A 30% design meeting is tentatively scheduled for September 2003 with the 95% design meeting scheduled for November 2003. Phase 2 request is scheduled for the January 2004 Task Force meeting.										
South Grand Cheniere Hydrologic Restoration	MERM	CAMER	440	03-Apr-2002 A	01-Jul-2004		\$2,358,420	\$2,948,025	125.0	\$874,031 \$43,773
<b>Status:</b> The project implementation meeting and field trip was held on March 13, 2002, at Rockefeller Refuge, attended by FWS, LDNR, LDWF, NRCS, landowner representatives, and consulting engineers. A hydrodynamic modeling meeting was held on May 6, 2002, to discuss cost and time estimates and the benefits of modeling this project along with the Little Pecan Bayou HR project. The Notice to Proceed for the project surveying, continuous water level and salinity recorder deployment, and modeling contract was issued to Fenstermaker and Associates on June 14, 2002 by LDNR. Surveys and the installation of continuous water level and salinity recorders necessary for hydrodynamic modeling have been completed. The modeling work plan was submitted in July 2002, and surveying was completed by August 2002. Data collection and model initialization for model calibration is continuing. Model calibration should be completed by Spring 2003.										
A landrights meeting was held October 17, 2002, between project sponsors and the M. O. Miller Estate (the major landowners). NRCS personnel described the Little Pecan Bayou Freshwater Introduction Project goals and components at this landowner meeting due to some project area overlap between the two projects.										

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF THE INTERIOR (FWS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
West Lake Boudreaux Shoreline Protection & Marsh Creation	TERRE	TERRE	145	03-Apr-2002 A	01-May-2004		\$1,322,354	\$1,652,943	125.0 !	\$629,216 \$135,080
	<b>Status:</b>	#65279;The geotechnical investigation conducted by the geotechnical consultanting firm Burns, Cooley, and Dennis was completed in June. The survey work is being contracted out to DNR and should be completed in July. In late July we (NRCS, DNR, and FWS) will be conducting a meeting to discuss the geotech report and design issues. At that time we will be setting a date for the 30% design meeting that will take place in August.								
Total Priority List			11				\$5,975,184	\$7,468,981	125.0	\$1,537,637 \$188,773
3 Project(s) 3 Cost Sharing Agreements Executed 0 Construction Started 0 Construction Completed 0 Project(s) Deferred/Deauthorized										
<b>Total</b>	<b>DEPT. OF THE INTERIOR, FISH &amp; WILDLIFE SERVICE</b>		<b>14,177</b>				<b>\$57,942,630</b>	<b>\$57,032,604</b>	<b>98.4</b>	<b>\$22,264,633 \$12,075,825</b>
19 Project(s) 18 Cost Sharing Agreements Executed 9 Construction Started 5 Construction Completed 0 Project(s) Deferred/Deauthorized										

## Notes:

- Expenditures based on Corps of Engineers financial data.
- Date codes: A = Actual date \* = Behind schedule
- 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	

**Lead Agency: DEPT. OF COMMERCE, NATIONAL MARINE FISHERIES SERVICE**

**Priority List 1**

Fourchon Hydrologic Restoration [DEAUTHORIZED]	TERRE	LAFOU	0				\$252,036	\$7,703	3.1	\$7,703 \$7,703
<p><b>Status:</b> 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.</p> <p>Deauthorized.</p>										
Lower Bayou LaCache Hydrologic Restoration [DEAUTHORIZED]	TERRE	TERRE	0	17-Apr-1993 A			\$1,694,739	\$99,625	5.9	\$99,625 \$99,625
<p><b>Status:</b> 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.</p> <p>Deauthorized.</p>										
Total Priority List 1			0				\$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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Atchafalaya Sediment Delivery	ATCH	STMRY	2,232	01-Aug-1994 A	25-Jan-1998 A	21-Mar-1998 A	\$907,810	\$2,559,023	281.9 !	\$2,352,878 \$1,964,506
<b>Status:</b> 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	\$7,550,903	182.6 !	\$6,910,953 \$6,560,006
<b>Status:</b> 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	\$2,919,782	273.0 !	\$2,784,659 \$2,400,476
<b>Status:</b> 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	\$13,029,708	213.1	\$12,048,490 \$10,924,988

- 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
<b>Priority List 3</b>										
Bayou Perot/Bayou Rigolettes Marsh Restoration [DEAUTHORIZED]	BARA	JEFF	0	03-Mar-1995 A			\$1,835,047	\$20,963	1.1	\$20,963 \$20,963
	<b>Status:</b> 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 Restoration (Phase 1)	TERRE	LAFOU	1,913	01-Feb-1995 A	01-May-1999 A	01-May-2001 A	\$2,046,971	\$4,040,728	197.4 !	\$3,952,697 \$3,612,740
	<b>Status:</b> 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 Marsh Creation & Hydrologic Restoration	TERRE	TERRE	509	01-Mar-1995 A	14-Sep-1998 A	18-May-1999 A	\$4,149,182	\$5,379,987	129.7 !	\$5,192,690 \$4,313,866
	<b>Status:</b> Construction complete. Vegetative plantings were installed in spring 2000.  Closing out cooperative agreement between NOAA and LADNR.									
Lake Salvador Shore Protection (DEMO)	BARA	STCHA	0	01-Mar-1995 A	02-Jul-1997 A	30-Jun-1998 A	\$1,444,628	\$2,843,098	196.8 !	\$2,899,478 \$2,422,791
	<b>Status:</b> Phase 1 was completed September 1997. Phase 2 is shoreline protection between Bayou desAllemands 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Total Priority List		3	2,422				\$9,475,828	\$12,284,776	129.6	\$12,065,827 \$10,370,360
<ul style="list-style-type: none"> <li>4 Project(s)</li> <li>4 Cost Sharing Agreements Executed</li> <li>3 Construction Started</li> <li>3 Construction Completed</li> <li>1 Project(s) Deferred/Deauthorized</li> </ul>										

**Priority List 4**

East Timbalier Island Restoration (Phase 2)	TERRE	LAFOU	215	08-Jun-1995 A	01-May-1999 A	31-Dec-2003	\$5,752,404	\$13,765,015	239.3 !	\$12,689,627 \$7,267,766
	<b>Status:</b> 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	0				\$5,018,968	\$39,026	0.8	\$39,025 \$39,025
	<b>Status:</b> 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Total Priority List		4	215				\$10,771,372	\$13,804,041	128.2	\$12,728,652 \$7,306,792
2 Project(s) 1 Cost Sharing Agreements Executed 1 Construction Started 0 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	\$833,994 \$563,982
<b>Status:</b> Construction completed in August 1999. Cooperative agreement being closed out. First costs accounting underway.										
Myrtle Grove Siphon	BARA	PLAQ	1,119	20-Mar-1997 A			\$15,525,950	\$502,982	3.2	\$488,366 \$488,366
<b>Status:</b> 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Total Priority List		5	1,560				\$16,466,015	\$1,389,012	8.4	\$1,322,360 \$1,052,348
2 Project(s) 2 Cost Sharing Agreements Executed 1 Construction Started 1 Construction Completed 0 Project(s) Deferred/Deauthorized										

**Priority List 6**

Black Bayou Hydrologic Restoration	CALC	CAMER	3,594	28-May-1998 A	01-Jul-2001 A	15-Nov-2001 A	\$6,316,800	\$6,382,511	101.0	\$6,121,096 \$3,875,886
<b>Status:</b> Repairs to four (4) earthen plugs along the GIWW have been completed (30May2003).  The second phase of vegetative plantings have begun, and will be completed by July 15.  A safety handrail has been designed for the steel sheetpile walls at the Self Regulating Tide Gate and will be installed at the same time as the safety signs at the Black Bayou Cut Off Canal structure (Sept. 2003).										
Delta-Wide Crevasses	DELTA	PLAQ	2,386	28-May-1998 A	21-Jun-1999 A	31-Dec-2014	\$5,473,934	\$4,732,653	86.5	\$2,344,122 \$606,915
<b>Status:</b> Bid document in preparation. Due to waterfowl season on the refuges, construction will most likely occur in spring 2004.										
Sediment Trapping at the Jaws	TECHE	STMAR	1,999	28-May-1998 A	01-Feb-2004	31-May-2004	\$3,167,400	\$3,392,135	107.1	\$3,071,503 \$332,159
<b>Status:</b> Construction funding was approved at the April Task Force meeting. Construction bids are expected to be taken in November 2003, with construction to take place in early February 2003.										

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF COMMERCE (NMFS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Total Priority List		6	7,979				\$14,958,134	\$14,507,299	97.0	\$11,536,722 \$4,814,960

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

**Priority List 7**

Grand Terre Vegetative Plantings	BARA	JEFF	127	23-Dec-1998 A	01-May-2001 A	01-Jul-2001 A	\$928,895	\$883,233	95.1	\$843,954 \$307,253
----------------------------------	------	------	-----	---------------	---------------	---------------	-----------	-----------	------	------------------------

**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	26-Aug-2003	\$2,185,900	\$2,862,806	131.0 !	\$2,458,045 \$375,077
------------------------	------	-------	-----	---------------	---------------	-------------	-------------	-------------	---------	--------------------------

**Status:** Approximately 96% of the project has been completed. The NMFS and LDNR have agreed to expand this project by adding 26,700 linear feet of terraces, for a total project of 198,400 linear feet. Most of the additional linear footage will be built by adding an additional row of terraces below the southern most terraces.

Planting of the original terraces is over 90% complete. With the extension of the project construction is expected to be completed by August 19, 2003, and plantings by August 26, 2003.

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF COMMERCE (NMFS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Total Priority List		7	569				\$3,114,795	\$3,746,039	120.3	\$3,301,999 \$682,330
<ul style="list-style-type: none"> <li>2 Project(s)</li> <li>2 Cost Sharing Agreements Executed</li> <li>2 Construction Started</li> <li>1 Construction Completed</li> <li>0 Project(s) Deferred/Deauthorized</li> </ul>										

**Priority List 8**

Bayou Bienvenue Pumping Station/Terracing [DEAUTHORIZED]	PONT	STBER	0	01-Jun-2000 A			\$3,295,574	\$186,312	5.7	\$212,140 \$212,140
<p><b>Status:</b> 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.</p> <p>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.</p>										
Hopedale Hydrologic Restoration	PONT	STBER	134	11-Jan-2000 A	01-Sep-2003	01-Dec-2003	\$2,179,491	\$2,423,247	111.2	\$2,096,032 \$419,880
<p><b>Status:</b> 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. Draft EA scheduled for March 2003, and public notice periods for permits are complete. Both the Monitoring and Operations and Maintenance Plans are in final review.</p>										

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF COMMERCE (NMFS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Total Priority List		8	134				\$5,475,065	\$2,609,559	47.7	\$2,308,172 \$632,020
2 Project(s) 2 Cost Sharing Agreements Executed 0 Construction Started 0 Construction Completed 1 Project(s) Deferred/Deauthorized										

**Priority List 9**

Castille Pass Sediment Delivery	ATCH	STMRY	589	29-Sep-2000 A	01-May-2004	01-Aug-2004	\$1,484,633	\$1,855,792	125.0 !	\$1,494,957 \$291,233
<b>Status:</b> Engineering and design is underway.										
Chandeleur Islands Restoration	PONT	STBER	220	10-Sep-2000 A	01-Jun-2001 A	31-Jul-2001 A	\$1,435,066	\$1,596,958	111.3	\$1,444,240 \$581,994
<b>Status:</b> 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)

Actual  
Obligations/  
Expenditures

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
East/West Grand Terre Islands Restoration	BARA	JEFF	472	21-Sep-2000 A	01-Apr-2004	01-Sep-2004	\$1,856,203	\$2,312,023	124.6	\$1,896,533 \$525,614
	<b>Status:</b> Cooperative Agreement was awarded September 21, 2000. Preliminary geotechnical investigations of potential sand sources is complete. Additional detailed geotechnical investigations are required to accurately identify and delineate sand sources. Data acquisition for modeling complete, and preliminary modeling results for design alternatives is complete; additional modeling required to complete project performance assessments. Landrights in progress. Preliminary assessment of oyster resources is complete. Preliminary design review was delayed due to the need for additional geotechnical information and project performance projections.									
Four-Mile Canal Terracing & Sediment Trapping	TECHE	VERMI	327	25-Sep-2000 A	10-Jun-2003 A	30-Sep-2003	\$5,086,511	\$3,443,962	67.7	\$2,863,920 \$300,951
	<b>Status:</b> Construction began on June 10, 2003. The contractor, Dean Equipment, is currently working in the Vermilion Bay portion of the project area. It is expected to take approximately 145 days to complete the construction phase of this project.									
LaBranche Wetlands Terracing/Plantings	PONT	STCHA	489	21-Sep-2000 A			\$821,752	\$1,027,191	125.0 !	\$839,424 \$298,034
	<b>Status:</b> 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			2,097				\$10,684,165	\$10,235,926	95.8	\$8,539,074 \$1,997,827

- 5 Project(s)
- 5 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 COMMERCE (NMFS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
<b>Priority List 10</b>										
Rockefeller Refuge Gulf Shoreline Stabilization	MERM	CAMER	920	27-Sep-2001 A	01-May-2004	01-Aug-2005	\$1,929,888	\$2,408,478	124.8	\$2,050,314 \$292,502
	<b>Status:</b> The 20% complete design report has been reviewed by NMFS and LDNR. Comments have been provided to Shiner Mosely and Associates regarding further analyses.									
Total Priority List			10	920			\$1,929,888	\$2,408,478	124.8	\$2,050,314 \$292,502

- 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	BARA	PLAQ	322	06-Aug-2002 A	01-Apr-2004	30-Oct-2004	\$3,083,934	\$3,641,059	118.1	\$3,114,901 \$1,155,935
	<b>Status:</b> Critical Phase 1 issues include identification of sand sources, selection of a preferred construction alignment (i.e., seaward or landward), land rights and oysters.									
	A Cooperative Agreement was awarded to LDNR, and NMFS has awarded a contract for engineering and design and environmental compliance services.									
	Geotechnical field investigations and pre-design surveys are complete. Limited post-storm survey data was acquired subsequent to October 2002 storms. Landrights is partially complete. Preliminary design (30%) is scheduled for June 2003. Coordination with operators of existing oil and gas facilities, cultural resource investigations, and detailed design work on-going.									

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF COMMERCE (NMFS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Little Lake Shoreline Protection/Dedicated Dredging near Round Lake	BARA	LAFOU	713	06-Aug-2002 A	01-Apr-2004	30-Oct-2004	\$2,639,536	\$3,200,092	121.2	\$2,727,078 \$99,630
	<b>Status:</b>	95% Design meeting scheduled for July 31, 2003. Completing permit documents and finalizing construction estimates. Phase 2 funding request scheduled for August 2003 Task Force meeting.								
Pass Chaland to Grand Bayou Pass Barrier Shoreline Restoration	BARA	PLAQ	161	06-Aug-2002 A	01-Mar-2005	01-Aug-2005	\$1,880,700	\$2,344,387	124.7	\$1,995,730 \$30,408
	<b>Status:</b>	A Cooperative Agreement was awarded July 25, 2002. Engineering and design contract has been issued, and kickoff meeting and site visit were conducted in February 2003. Preliminary design is anticipated during November 2003. Critical Phase 1 issues include identification of sand sources, landrights (numerous undivided heirships and potential reclamation issues) and oysters.								
Total Priority List			11				\$7,604,170	\$9,185,538	120.8	\$7,837,709 \$1,285,974

- 3 Project(s)
- 3 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 COMMERCE (NMFS)

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
<b>Total</b>	DEPT. OF COMMERCE, NATIONAL MARINE FISHERIES SERVICE		21,259				\$88,539,663	\$83,307,703	94.1	\$73,846,647 \$39,467,430

- 29 Project(s)
- 27 Cost Sharing Agreements Executed
- 14 Construction Started
- 10 Construction Completed
- 5 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	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	

**Lead Agency: DEPT. OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE**

**Priority List 1**

BA-2 GIWW to Clovelly Hydrologic Restoration	BARA	LAFOU	175	17-Apr-1993 A	21-Apr-1997 A	31-Oct-2000 A	\$8,141,512	\$8,328,603	102.3	\$6,893,418 \$6,763,391
	<b>Status:</b> 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 (Demo) - Dewitt-Rollover (DEMO) [DEAUTHORIZED]	MERM	VERMI	0	17-Apr-1993 A	11-Jul-1994 A	26-Aug-1994 A	\$191,003	\$91,764	48.0	\$91,723 \$92,012
	<b>Status:</b> Sub-project of the Vegetative Plantings project. Complete and deauthorized.									
Vegetative Plantings (Demo) - Falgout Canal (DEMO)	TERRE	TERRE	0	17-Apr-1993 A	30-Aug-1996 A	30-Dec-1996 A	\$144,561	\$204,979	141.8 !	\$198,488 \$198,488
	<b>Status:</b> Sub-project of the Vegetative Plantings project. Wave-stilling devices are in place. Vegetative plantings are in place. Complete.									
Vegetative Plantings (Demo) - Timbalier Island (DEMO)	TERRE	TERRE	0	17-Apr-1993 A	15-Mar-1995 A	30-Jul-1996 A	\$372,589	\$432,858	116.2	\$303,278 \$301,542
	<b>Status:</b> 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Vegetative Plantings (Demo) - West Hackberry (DEMO)	CALC	CAMER	0	17-Apr-1993 A	15-Apr-1993 A	30-Mar-1994 A	\$213,947	\$246,241	115.1	\$249,146 \$247,303
	<b>Status:</b> Sub-project of the Vegetative Plantings project. Complete.									
Total Priority List 1			175				\$9,063,612	\$9,304,445	102.7	\$7,736,052 \$7,602,734

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

**Priority List 2**

Boston Canal/Vermilion Bay Shore Restoration	TECHE	VERMI	378	24-Mar-1994 A	13-Sep-1994 A	30-Nov-1995 A	\$1,008,634	\$1,012,649	100.4	\$833,672 \$813,225
	<b>Status:</b> Complete.									
Brown's Lake Hydrologic Restoration	CALC	CAMER	282	28-Mar-1994 A	01-Dec-2004	01-Jun-2005	\$3,222,800	\$3,201,890	99.4	\$2,349,654 \$601,487
	<b>Status:</b> Landowners have changed since project inception. Permit transfer agreement being pursued.									

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
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 !	\$3,109,143 \$2,742,795
<p><b>Status:</b> 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.</p>										
Freshwater Bayou	MERM	VERMI	1,593	17-Aug-1994 A	29-Aug-1994 A	15-Aug-1998 A	\$2,770,093	\$2,949,194	106.5	\$2,488,797 \$2,454,555
<p><b>Status:</b> 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.</p> <p>Project construction is complete. Maintenance contract underway to repair rock dike.</p>										
Fritchie Marsh	PONT	STTAM	1,040	21-Feb-1995 A	01-Nov-2000 A	01-Mar-2001 A	\$3,048,389	\$2,201,912	72.2	\$1,415,917 \$1,388,518
<p><b>Status:</b> O&amp;M plan executed January 29, 2003.</p>										
Hwy 384	CALC	CAMER	150	13-Oct-1994 A	01-Oct-1999 A	07-Jan-2000 A	\$700,717	\$1,058,554	151.1 !	\$666,963 \$645,753
<p><b>Status:</b> Construction start slipped from November 1997 to July 1999 because of landright issues. All landright agreements signed. Construction complete January 7, 2000.</p> <p>O&amp;M plan executed. Maintenance contract complete. Minor damage from Hurricane Lili to be repaired. Contract in preparation.</p>										
Jonathan Davis Wetland Restoration	BARA	JEFF	510	05-Jan-1995 A	22-Jun-1998 A	01-Jun-2005	\$3,398,867	\$12,479,727	367.2 !	\$8,163,787 \$6,323,203
<p><b>Status:</b> Construction unit 3 is under construction. Costs estimates are being prepared for construction unit 4. A request will be submitted to the Task Force in the near future for funding of CU 4.</p>										

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Mud Lake Marsh Management	CALC	CAMER	1,520	24-Mar-1994 A	01-Oct-1995 A	15-Jun-1996 A	\$2,903,635	\$3,375,936	116.3	\$2,364,517 \$2,319,141
<p><b>Status:</b> 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.</p> <p>Construction complete. O&amp;M plan executed. Maintenance needs on a water control structure is being evaluated.</p>										
Total Priority List 2			6,275				\$19,575,334	\$30,815,863	157.4	\$21,392,450 \$17,288,676

- 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	\$5,662,176	120.0	\$3,321,689 \$3,291,375
<p><b>Status:</b> 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&amp;E. Both will help cost share the project. The revised CSA is complete.</p> <p>Construction project is complete. O&amp;M plan signed July 16, 2002.</p>										
Cameron-Creole Maintenance	CALC	CAMER	2,602	09-Jan-1997 A	30-Sep-1997 A	15-Jul-1998 A	\$3,719,926	\$3,736,718	100.5	\$865,905 \$836,212
<p><b>Status:</b> The first three contracts for maintenance work are complete. The project provides for maintenance on an as-needed basis.</p>										



**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Cote Blanche Hydrologic Restoration	TECHE	STMRY	2,223	01-Jul-1996 A	25-Mar-1998 A	15-Dec-1998 A	\$5,173,062	\$6,029,980	116.6	\$5,313,213 \$5,270,465
				<b>Status:</b> 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.						
SW Shore White Lake Demo (DEMO) [DEAUTHORIZED]	MERM	VERMI	0	11-Jan-1995 A	30-Apr-1996 A	31-Jul-1996 A	\$126,062	\$108,803	86.3	\$103,468 \$103,468
				<b>Status:</b> Complete. Project deauthorized.						
Violet Freshwater Distribution [DEAUTHORIZED]	PONT	STBER	0	13-Oct-1994 A			\$1,821,438	\$198,597	10.9	\$128,627 \$128,627
				<b>Status:</b> 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	1,087	05-Jan-1995 A			\$881,148	\$4,068,045	461.7 !	\$340,453 \$306,801
				<b>Status:</b> Model results and a decision on proceeding with the project or not is projected by DNR to occur soon.						
White's Ditch Outfall Management [DEAUTHORIZED]	BRET	PLAQ	0	13-Oct-1994 A			\$756,134	\$32,862	4.3	\$32,862 \$32,862
				<b>Status:</b> LA DNR concurred with NRCS to deauthorize the project. Project deauthorized at the January 16, 1998 Task Force meeting						
				Deauthorized.						

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Total Priority List		3	6,209				\$17,195,698	\$19,837,182	115.4	\$10,106,217 \$9,969,811

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

**Priority List 4**

Barataria Bay Waterway Bank Protection (West)	BARA	JEFF	232	23-Jun-1997 A	01-Jun-2000 A	01-Nov-2000 A	\$2,192,418	\$3,304,787	150.7 !	\$2,283,505 \$2,261,620
	<b>Status:</b> 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	0	23-Jun-1997 A			\$2,418,676	\$2,758,567	114.1	\$458,501 \$366,978
	<b>Status:</b> 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 (DEMO) [DEAUTHORIZED]	TERRE	TERRE	0	16-Jul-1999 A			\$367,066	\$106,839	29.1	\$106,960 \$106,960
	<b>Status:</b> Difficulty in locating an appropriate site for demonstration and difficulty in addressing engineering constraints. Project deauthorized, October 4, 2000.									

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Perry Ridge Bank Protection	CA/SB	CALCA	1,203	23-Jun-1997 A	15-Dec-1998 A	15-Feb-1999 A	\$2,223,518	\$2,289,086	102.9	\$1,815,363 \$1,798,126
	<b>Status:</b> Project complete.									
Plowed Terraces Demo (DEMO)	CALC	CAMER	0	22-Oct-1998 A	30-Apr-1999 A	31-Aug-2000 A	\$299,690	\$321,939	107.4	\$309,665 \$306,505
	<b>Status:</b> 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.									
Total Priority List 4			1,435				\$7,501,368	\$8,781,218	117.1	\$4,973,995 \$4,840,188

- 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	\$2,543,105	63.6	\$1,972,363 \$1,970,485
	<b>Status:</b> The local cost share is being paid by Acadian Gas Company.  Contract was awarded January 14, 1998. 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Naomi Outfall Management	BARA	JEFF	633	12-May-1999 A	01-Jun-2002 A	15-Jul-2002 A	\$1,686,865	\$2,102,650	124.6	\$1,291,560 \$1,196,747
<p><b>Status:</b> This project was combined with the BBWW "Dupre Cut" East project for planning and design; construction will be separate.</p> <p>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.</p> <p>O&amp;M plan in draft.</p>										
Raccoon Island Breakwaters Demo (DEMO)	TERRE	TERRE	0	03-Sep-1996 A	21-Apr-1997 A	31-Jul-1997 A	\$1,497,538	\$1,795,469	119.9	\$1,742,823 \$1,735,192
<p><b>Status:</b> Complete.</p>										
Sweet Lake/Willow Lake Hydrologic Restoration	CALC	CAMER	247	23-Jun-1997 A	01-Nov-1999 A	02-Oct-2002 A	\$4,800,000	\$3,776,147	78.7	\$4,372,215 \$3,301,045
<p><b>Status:</b> The rock bank protection feature of the project is complete.</p> <p>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.</p>										
Total Priority List 5			1,391				\$11,983,322	\$10,217,371	85.3	\$9,378,961 \$8,203,470

- 4 Project(s)
- 4 Cost Sharing Agreements Executed
- 4 Construction Started
- 4 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Barataria Bay Waterway Bank Protection (East)	BARA	JEFF	217	12-May-1999 A	01-Dec-2000 A	31-May-2001 A	\$5,019,900	\$6,979,159	139.0 !	\$5,586,994 \$3,931,084
	<b>Status:</b> 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 Device (DEMO)	TECHE	VERMI	0	20-Jul-1999 A	01-Sep-2001 A	02-Nov-2001 A	\$500,000	\$624,232	124.8	\$588,287 \$562,897
	<b>Status:</b> 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.									
Oaks/Avery Canals Hydrologic Restoration (Incr 1)	TECHE	VERMI	160	22-Oct-1998 A	15-Apr-1999 A	11-Oct-2002 A	\$2,367,700	\$2,828,601	119.5	\$2,056,790 \$1,766,387
	<b>Status:</b> O&M Plan in draft.									
Penchant Basin Plan (Incr. 1)	TERRE	TERRE	1,155	23-Apr-2002 A	01-Jan-2005	30-Sep-2005	\$14,103,051	\$14,103,051	100.0	\$1,402,456 \$1,132,270
	<b>Status:</b> Final model runs being selected.									
Total Priority List 6			1,532				\$21,990,651	\$24,535,043	111.6	\$9,634,528 \$7,392,638

- 4 Project(s)
- 4 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 AGRICULTURE (NRCS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
<b>Priority List 7</b>										
Barataria Basin Landbridge Shoreline Protection - Ph 1 & Ph 2	BARA	JEFF	1,304	16-Jul-1999 A	01-Dec-2000 A	31-Oct-2004	\$17,515,029	\$17,589,990	100.4	\$5,091,381 \$3,832,544
	<b>Status:</b> The Task Force approved construction of the final construction unit at the January 16, 2003 meeting.									
Thin Mat Flotant Marsh Enhancement Demo (DEMO)	TERRE	TERRE	0	16-Oct-1998 A	15-Jun-1999 A	10-May-2000 A	\$460,222	\$542,570	117.9	\$321,341 \$294,239
	<b>Status:</b> Construction complete. Monitoring ongoing.									
Total Priority List 7			1,304				\$17,975,251	\$18,132,560	100.9	\$5,412,722 \$4,126,783

- 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	\$1,548,429	101.5	\$749,419 \$510,276
	<b>Status:</b> Construction complete March 2003.									
Lake Portage Land Bridge - Ph 1	TECHE	VERMI	24	07-Apr-2000 A	15-Feb-2003 A	01-May-2004	\$1,013,820	\$1,137,756	112.2	\$1,021,862 \$464,970
	<b>Status:</b> Construction began February 15, 2003.									

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Upper Oak River Freshwater Introduction Siphon [DEAUTHORIZED]	BRET	PLAQ	0				\$2,500,239	\$2,500,239	100.0	\$185,966 \$56,362
<p><b>Status:</b> 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.</p> <p>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.</p> <p>Deauthorization procedures initiated.</p>										
Total Priority List 8			402				\$5,040,195	\$5,186,424	102.9	\$1,957,247 \$1,031,609

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

**Priority List 9**

Barataria Basin Landbridge Shoreline Protection - Ph 3	BARA	JEFF	264	25-Jul-2000 A	01-Sep-2003	01-Dec-2005	\$4,545,106	\$11,609,852	255.4 !	\$5,350,539 \$443,421
<p><b>Status:</b> Landrights issues have caused a delay in advertising contract. Issues are near resolution. Advertisement scheduled for May 2003.</p>										
Black Bayou Bypass Culverts	CA/SB	CAMER	540	25-Jul-2000 A	01-Feb-2004	01-Feb-2005	\$799,823	\$999,779	125.0 !	\$558,980 \$438,214
<p><b>Status:</b> Favorable 30% design review held September 19, 2002. 95% design review will be held in May 2003. Request for phase 2 funding will be made at the August Task Force meeting.</p>										

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Little Pecan Bayou Control Structure	MERM	CAMER	144	25-Jul-2000 A	01-Nov-2004	01-Apr-2005	\$1,245,278	\$1,556,598	125.0 !	\$818,098 \$209,930
	<b>Status:</b> Hydrodynamic Modelling being performed.									
Perry Ridge to Texas (West)	CALC	CAMER	83	25-Jul-2000 A	01-Nov-2001 A	31-Jul-2002 A	\$3,742,451	\$3,238,446	86.5	\$1,996,475 \$1,586,554
	<b>Status:</b> 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.									
South Lake DeCade Freshwater Introduction	TERRE	TERRE	201	25-Jul-2000 A	01-Aug-2004	01-Mar-2005	\$396,489	\$495,611	125.0	\$262,595 \$228,269
	<b>Status:</b> A proposal to construct the shoreline protection component of the project as a stand alone feature will be presented to the Task Force in the near future. Further investigation of the freshwater introduction component is ongoing.									
Total Priority List			9	1,232			\$10,729,147	\$17,900,286	166.8	\$8,986,687 \$2,906,388

- 5 Project(s)
- 5 Cost Sharing Agreements Executed
- 1 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 AGRICULTURE (NRCS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
GIWW Bank Restoration of Critical Areas in Terrebonne	TERRE	TERRE	366	16-May-2001 A	01-Jul-2004	01-Oct-2005	\$1,735,983	\$2,170,000	125.0 !	\$1,013,725 \$326,913
	<b>Status:</b> 30% Design review scheduled for May 2003.									
Total Priority List			10	366			\$1,735,983	\$2,170,000	125.0	\$1,013,725 \$326,913

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

**Priority List 11**

Barataria Basin Landbridge Shoreline Protection - Ph 4	BARA	JEFF	334	09-May-2002 A	01-Oct-2004	01-Sep-2005	\$2,191,807	\$2,739,760	125.0 !	\$1,778,283 \$96,849
	<b>Status:</b> Phase 1 activities on-going.									
Coastwide Nutria Control Program	COAST	COAST	14,963	26-Feb-2002 A	20-Nov-2002 A		\$12,945,696	\$13,012,998	100.5	\$7,106,276 \$1,311,384
	<b>Status:</b> Implementation began with the 2002-2003 trapping season. A report on the first years accomplishments will be given at the August Task Force meeting.									
Raccoon Island Breakwaters - Ph 2	TERRE	TERRE	167	23-Apr-2002 A	01-Aug-2004	01-Dec-2005	\$1,016,758	\$1,270,948	125.0 !	\$832,822 \$54,216
	<b>Status:</b> Geotechnical investigation task order issued by DNR. The project will be constructed in 2 units. the first unit will consist of the rock breakwaters. The second unit will consist of dedicated dredging for creation of barrier island habitat from dunes to back barrier marshes and the planting of associated plant communities.									

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Status Summary Report - Lead Agency: DEPT. OF AGRICULTURE (NRCS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Total Priority List		11	15,464				\$16,154,261	\$17,023,706	105.4	\$9,717,381 \$1,462,448
<ul style="list-style-type: none"> <li>3 Project(s)</li> <li>3 Cost Sharing Agreements Executed</li> <li>1 Construction Started</li> <li>0 Construction Completed</li> <li>0 Project(s) Deferred/Deauthorized</li> </ul>										

**Priority List 11.1**

Holly Beach Sand Management	CA/SB	CALCA	330	09-May-2002 A	01-Aug-2002 A	31-Mar-2003 A	\$19,252,492	\$19,252,500	100.0	\$7,914,893 \$5,460,539
<p><b>Status:</b> 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.</p>										
Total Priority List		11.1	330				\$19,252,492	\$19,252,500	100.0	\$7,914,893 \$5,460,539

- 1 Project(s)
- 1 Cost Sharing Agreements Executed
- 1 Construction Started
- 1 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 AGRICULTURE (NRCS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Baseline	Current	%	
Freshwater Floating Marsh Demo (DEMO)	VARY	COAST	0	12-Jun-2003 A	01-Mar-2004	01-Jul-2004	\$1,080,891	\$1,080,891	100.0	\$268,434 \$0
<b>Status:</b> This project was approved as part of the 12th priority list. Project development is underway.										

---

Total Priority List	12		0				\$1,080,891	\$1,080,891	100.0	\$268,434 \$0
---------------------	----	--	---	--	--	--	-------------	-------------	-------	------------------

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

<b>Total</b>	<b>DEPT. OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE</b>		<b>36,115</b>				<b>\$159,278,205</b>	<b>\$184,237,488</b>	<b>115.7</b>	<b>\$98,493,291</b> <b>\$70,612,198</b>
--------------	---	--	---------------	--	--	--	----------------------	----------------------	--------------	--

- 49 Project(s)**
- 48 Cost Sharing Agreements Executed**
- 33 Construction Started**
- 29 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 *****			Actual Obligations/ Expenditures	
		Baseline	Current	%		
SUMMARY	Total All Projects	134,146	\$464,587,904	\$487,255,339	104.9	\$303,762,333 \$186,614,018
142	Project(s)					
120	Cost Sharing Agreements Executed					
72	Construction Started					
59	Construction Completed					
19	Project(s) Deferred/Deauthorized					
			Total Available Funds			
			Federal Funds	\$477,902,048		
			Non/Federal Funds	\$82,237,646		
			Total Funds	\$560,093,807		

## 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	
<b>Basin: All Basins in State</b>										
Priority List: Cons Plan	1	0	1	1	1	0	\$238.871	\$191.807	\$191.807	
Priority List: 10	1	0	1	0	0	0	\$2,006.373	\$2,507.966	\$83.630	
<b>Basin Total</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>\$2,245,244</b>	<b>\$2,699,773</b>	<b>\$275,437</b>	
<b>Basin: Atchafalaya</b>										
Priority List:	2	2	3,792	2	2	2	0	\$5,043.867	\$10,109.926	\$8,524.512
Priority List:	9	1	589	1	0	0	0	\$1,484.633	\$1,855.792	\$291.233
<b>Basin Total</b>	<b>3</b>	<b>4,381</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>\$6,528,500</b>	<b>\$11,965,718</b>	<b>\$8,815,745</b>	
<b>Basin: Barataria</b>										
Priority List:	1	3	620	3	3	3	0	\$9,960.769	\$9,560.510	\$7,980.296
Priority List:	2	1	510	1	1	0	0	\$3,398.867	\$12,479.727	\$6,323.203
Priority List:	3	3	1,087	3	1	1	1	\$4,160.823	\$6,932.106	\$2,750.555
Priority List:	4	2	232	2	1	1	1	\$4,611.094	\$6,063.354	\$2,628.597
Priority List:	5	2	1,752	2	1	1	0	\$17,212.815	\$2,605.632	\$1,685.114
Priority List:	6	1	217	1	1	1	0	\$5,019.900	\$6,979.159	\$3,931.084
Priority List:	7	2	1,431	2	2	1	0	\$18,443.924	\$18,473.223	\$4,139.797
Priority List:	9	3	882	3	0	0	0	\$7,552.793	\$15,355.268	\$1,196.790
Priority List:	10	2	8,891	1	0	0	0	\$4,901.948	\$5,364.801	\$1,120.199
Priority List:	11	5	2,094	5	0	0	0	\$12,090.387	\$14,793.311	\$1,392.743
Priority List:	12	1	400	0	0	0	0	\$2,192.735	\$2,192.735	\$0
<b>Basin Total</b>	<b>25</b>	<b>18,116</b>	<b>23</b>	<b>10</b>	<b>8</b>	<b>2</b>	<b>\$89,546,055</b>	<b>\$100,799,826</b>	<b>\$33,148,378</b>	

## 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
<b>Basin: Breton Sound</b>									
Priority List: 2	1	802	1	1	1	0	\$2,522,199	\$4,536,000	\$2,742,795
Priority List: 3	1	0	1	0	0	1	\$756,134	\$32,862	\$32,862
Priority List: 4	1	0	0	0	0	1	\$2,468,908	\$64,515	\$64,497
Priority List: 8	1	0	0	0	0	1	\$2,500,239	\$2,500,239	\$56,362
Priority List: 10	2	2,740	1	0	0	0	\$4,339,138	\$3,208,416	\$580,998
<b>Basin Total</b>	<b>6</b>	<b>3,542</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>\$12,586,618</b>	<b>\$10,342,032</b>	<b>\$3,477,515</b>
<b>Basin: Calcasieu/Sabine</b>									
Priority List: 4	1	1,203	1	1	1	0	\$2,223,518	\$2,289,086	\$1,798,126
Priority List: 9	1	540	1	0	0	0	\$799,823	\$999,779	\$438,214
Priority List: 10	1	393	1	0	0	0	\$1,425,447	\$1,781,809	\$382,712
Priority List: 11.1	1	330	1	1	1	0	\$19,252,492	\$19,252,500	\$5,460,539
<b>Basin Total</b>	<b>4</b>	<b>2,466</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>\$23,701,280</b>	<b>\$24,323,174</b>	<b>\$8,079,591</b>

## 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
<b>Basin: Calcasieu</b>									
Priority List: 1	3	6.407	3	3	3	0	\$5,770,187	\$2,840,148	\$2,222,171
Priority List: 2	4	3,019	4	3	3	0	\$8,568,462	\$11,370,976	\$6,449,570
Priority List: 3	2	3,555	2	2	1	0	\$8,301,380	\$8,254,074	\$4,002,991
Priority List: 4	2	0	2	1	1	1	\$670,284	\$747,272	\$544,791
Priority List: 5	1	247	1	1	1	0	\$4,800,000	\$3,776,147	\$3,301,045
Priority List: 6	1	3,594	1	1	1	0	\$6,316,800	\$6,382,511	\$3,875,886
Priority List: 8	1	993	1	1	0	0	\$5,920,248	\$7,400,310	\$3,422,765
Priority List: 9	1	83	1	1	1	0	\$3,742,451	\$3,238,446	\$1,586,554
<b>Basin Total</b>	<b>15</b>	<b>17,898</b>	<b>15</b>	<b>13</b>	<b>11</b>	<b>1</b>	<b>\$44,089,812</b>	<b>\$44,009,884</b>	<b>\$25,405,772</b>
<b>Basin: Coastal Basins</b>									
Priority List: 6	1	0	1	1	0	0	\$2,140,000	\$2,140,000	\$612,423
Priority List: 11	1	14,963	1	1	0	0	\$12,945,696	\$13,012,998	\$1,311,384
<b>Basin Total</b>	<b>2</b>	<b>14,963</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>\$15,085,696</b>	<b>\$15,152,998</b>	<b>\$1,923,807</b>

## 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
<b>Basin: Miss. River Delta</b>									
Priority List:	1	1	9.831	1	0	0	\$8,517,066	\$22,312,761	\$1,718,815
Priority List:	3	2	936	1	1	1	\$3,666,187	\$1,008,841	\$765,799
Priority List:	4	1	0	1	0	1	\$300,000	\$58,310	\$58,310
Priority List:	6	2	2,386	2	2	1	\$7,073,934	\$6,635,956	\$2,465,484
Priority List:	10	1	5,828	0	0	0	\$1,076,328	\$1,076,328	\$367,524
Priority List:	12	1	24,065	0	0	0	\$1,880,376	\$1,880,376	\$31,964
<b>Basin Total</b>	<b>8</b>	<b>43,046</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>\$22,513,891</b>	<b>\$32,972,572</b>	<b>\$5,407,894</b>
<b>Basin: Mermentau</b>									
Priority List:	1	2	247	2	2	2	\$1,368,671	\$1,318,888	\$1,103,522
Priority List:	2	1	1,593	1	1	1	\$2,770,093	\$2,949,194	\$2,454,555
Priority List:	3	1	0	1	1	1	\$126,062	\$108,803	\$103,468
Priority List:	5	1	511	1	1	1	\$3,998,919	\$2,543,105	\$1,970,485
Priority List:	7	1	442	1	1	0	\$2,185,900	\$2,862,806	\$375,077
Priority List:	8	1	378	1	1	1	\$1,526,136	\$1,548,429	\$510,276
Priority List:	9	2	440	2	0	0	\$1,852,416	\$2,282,821	\$455,126
Priority List:	10	2	1,133	2	1	0	\$11,565,012	\$8,170,730	\$459,411
Priority List:	11	2	935	1	0	0	\$3,407,449	\$3,997,054	\$257,635
Priority List:	12	1	702	0	0	0	\$1,588,085	\$1,588,085	\$93,158
<b>Basin Total</b>	<b>14</b>	<b>6,381</b>	<b>12</b>	<b>8</b>	<b>6</b>	<b>2</b>	<b>\$30,388,743</b>	<b>\$27,369,915</b>	<b>\$7,782,714</b>



## 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	
<b>Basin: Pontchartrain</b>										
Priority List:	1	2	1,753	2	2	2	0	\$6,119,009	\$5,296,904	\$4,762,879
Priority List:	2	2	2,320	2	2	2	0	\$4,500,424	\$3,844,464	\$2,522,383
Priority List:	3	3	755	3	1	1	2	\$2,683,636	\$987,543	\$983,776
Priority List:	4	1	0	0	0	0	1	\$5,018,968	\$39,026	\$39,025
Priority List:	5	1	75	1	1	1	0	\$2,555,029	\$2,585,187	\$2,238,611
Priority List:	8	2	134	2	0	0	1	\$5,475,065	\$2,609,559	\$632,020
Priority List:	9	3	886	2	1	1	0	\$2,407,524	\$2,774,855	\$942,137
Priority List:	10	1	229	1	0	0	0	\$1,334,360	\$1,667,950	\$273,406
Priority List:	11	1	0	1	0	0	0	\$5,434,288	\$6,780,307	\$102,954
Priority List:	12	1	266	0	0	0	0	\$1,348,345	\$1,348,345	\$87,917
<b>Basin Total</b>	<b>17</b>	<b>6,418</b>	<b>14</b>	<b>7</b>	<b>7</b>	<b>4</b>	<b>\$36,876,648</b>	<b>\$27,934,138</b>	<b>\$12,585,107</b>	
<b>Basin: Teche / Vermilion</b>										
Priority List:	1	1	65	1	1	1	0	\$1,526,000	\$2,022,961	\$1,797,835
Priority List:	2	1	378	1	1	1	0	\$1,008,634	\$1,012,649	\$813,225
Priority List:	3	1	2,223	1	1	1	0	\$5,173,062	\$6,029,980	\$5,270,465
Priority List:	5	1	441	1	1	1	0	\$940,065	\$886,030	\$563,982
Priority List:	6	4	2,526	4	3	3	0	\$10,130,000	\$11,986,461	\$6,520,391
Priority List:	8	1	24	1	1	0	0	\$1,013,820	\$1,137,756	\$464,970
Priority List:	9	3	994	1	1	0	0	\$7,814,815	\$6,172,266	\$1,477,368
<b>Basin Total</b>	<b>12</b>	<b>6,651</b>	<b>10</b>	<b>9</b>	<b>7</b>	<b>0</b>	<b>\$27,606,396</b>	<b>\$29,248,102</b>	<b>\$16,908,236</b>	

## 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
<b>Basin: Terrebonne</b>									
Priority List: 1	5	9	4	3	3	2	\$8,809,393	\$9,490,376	\$9,219,472
Priority List: 2	3	958	3	3	3	0	\$12,831,588	\$20,403,750	\$18,545,450
Priority List: 3	4	3,958	4	4	4	0	\$15,758,355	\$22,804,077	\$18,231,198
Priority List: 4	2	215	2	1	0	1	\$6,119,470	\$13,871,854	\$7,374,727
Priority List: 5	3	1,187	2	1	1	0	\$31,120,343	\$11,505,191	\$4,181,318
Priority List: 5.1	0	0	0	0	0	0	\$9,700,000	\$9,700,000	\$156,805
Priority List: 6	4	1,774	2	0	0	2	\$30,522,757	\$24,692,755	\$1,924,865
Priority List: 7	1	0	1	1	1	0	\$460,222	\$542,570	\$294,239
Priority List: 9	4	576	4	1	0	0	\$25,219,289	\$32,787,142	\$2,122,489
Priority List: 10	2	970	2	0	0	0	\$4,119,035	\$4,553,052	\$494,543
Priority List: 11	3	494	2	0	0	0	\$5,338,072	\$6,665,944	\$197,381
Priority List: 12	1	143	0	0	0	0	\$2,229,876	\$2,229,876	\$33,294
<b>Basin Total</b>	<b>33</b>	<b>10,284</b>	<b>26</b>	<b>14</b>	<b>12</b>	<b>5</b>	<b>\$152,228,400</b>	<b>\$159,246,586</b>	<b>\$62,775,781</b>
<b>Basin: Various Basins</b>									
Priority List: 9	1		0	0	0	0	\$109,730	\$109,730	\$28,041
Priority List: 12	1	0	1	0	0	0	\$1,080,891	\$1,080,891	\$0
<b>Basin Total</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$1,190,621</b>	<b>\$1,190,621</b>	<b>\$28,041</b>
<b>Total All Basins</b>	<b>142</b>	<b>134,146</b>	<b>120</b>	<b>72</b>	<b>59</b>	<b>19</b>	<b>\$464,587,904</b>	<b>\$487,255,339</b>	<b>\$186,614,018</b>

## 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	13	\$28,084,900	\$9,245,865	\$39,933,317	\$52,643,454	\$29,252,797	\$28,605,650
2	15	13,372	15	1	13	\$28,173,110	\$11,230,352	\$40,644,134	\$66,706,686	\$53,662,481	\$48,375,693
3	11	12,514	11	1	9	\$29,939,100	\$7,472,940	\$32,879,168	\$45,206,703	\$33,499,819	\$31,193,355
4	4	1,650	4	1	3	\$29,957,533	\$3,511,744	\$10,468,030	\$19,680,827	\$17,098,160	\$11,634,016
5	9	4,213	8	0	6	\$33,371,625	\$2,390,129	\$60,627,171	\$23,901,291	\$15,777,789	\$13,940,555
5.1	0	0	0	0	0	\$0	\$4,850,000	\$9,700,000	\$9,700,000	\$4,862,058	\$156,805
6	11	10,497	11	2	6	\$39,134,000	\$5,881,684	\$54,614,991	\$58,746,521	\$29,112,076	\$19,259,812
7	4	1,873	4	2	2	\$42,540,715	\$3,281,790	\$21,090,046	\$21,878,599	\$8,714,721	\$4,809,112
8	4	1,529	4	2	1	\$41,864,079	\$2,279,444	\$10,639,695	\$12,509,742	\$7,332,556	\$4,817,892
9	19	4,990	15	2	2	\$47,907,300	\$9,836,415	\$50,983,474	\$65,576,099	\$47,932,226	\$8,537,952
10	12	20,184	9	1	0	\$47,659,220	\$4,249,658	\$30,767,641	\$28,331,052	\$16,490,711	\$3,762,423
11	12	18,486	10	1	0	\$57,332,369	\$6,787,442	\$39,215,892	\$45,249,614	\$28,220,729	\$3,262,097
11.1	1	330	1	0	1	\$0	\$9,626,250	\$19,252,492	\$19,252,500	\$7,914,893	\$5,460,539
12	6	25,576	1	0	0	\$51,938,097	\$1,548,046	\$10,320,308	\$10,320,308	\$986,768	\$246,332
Active Projects	122	134,146	107	13	56	\$477,902,048	\$82,191,759	\$431,136,359	\$479,703,396	\$300,857,784	\$184,062,233
Deauthorized Projects	19	0	12	0	2			\$33,212,674	\$7,360,136	\$2,712,742	\$2,359,978
Total Projects	141	134,146	119	13	58	\$477,902,048	\$82,237,646	\$464,349,033	\$487,063,532	\$303,570,526	\$186,422,211
Conservation Plan	1	0	1	0	1		\$45,886	\$238,871	\$191,807	\$191,807	\$191,807
Total Construction Program	142	134,146	120	13	59	\$477,902,048	\$82,237,646	\$464,587,904	\$487,255,339	\$303,762,333	\$186,614,018
						\$560,139,694					

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT**  
**Project Summary Report by Priority List**

- NOTES:
1. Total of 142 projects includes 123 active construction projects, 19 deauthorized projects, and the State of Louisiana's Wetlands Conservation Plan.
  2. Federal funding of \$51,938,097 for FY 03 has been received.
  3. Total construction program funds available is \$560,139,694 .
  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. Baseline and current estimates for PPL 9 (and future project priority lists) reflect funding utilizing cash flow management principles.
  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, because this acreage is classified differently than acres protected by marsh projects.
  13. PPL 5.1 is used to record the Bayou Lafourche project as approved by a motion passed by the Task Force on October 25, 2001, to proceed with Phase 1 ED, estimated cost of \$9,700,000, at a cost share of 50% Federal and 50% non-Federal.
  14. Priority Lists 9 through 11 are funded utilizing cash flow management. Baseline and current estimates for these priority lists reflect only approved, funded estimates. Both baseline and current estimates are revised as funding is approved.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**AUTHORIZE THE TECHNICAL COMMITTEE TO MODIFY THE CWPPRA  
STANDARD OPERATING PROCEDURES (SOP) TO ALLOW PHASE II  
AUTHORIZATION AT ANY REGULAR QUARTERLY TASK FORCE MEETING**

**For Decision**

Ms. LeBlanc will present the Technical Committee's recommendation to allow the modification of the SOP to allow Phase II authorizations at any regular quarterly meeting of the Task Force.

**Recommendation of the Technical Committee**

The Technical Committee recommends the Task Force authorize the Technical Committee to modify the CWPPRA Standard Operating Procedures (SOP) to allow Phase II authorization at any regular quarterly Task Force Meeting

## **Phase II Authorizations**

The Technical Committee recommends that the Task Force authorize the Technical Committee to modify the CWPPRA Standard Operating Procedure (SOP) to allow Phase II authorization at any regular quarterly Task Force meeting.

- The Technical Committee favorably discussed this matter at the January Technical Committee SOP revision meeting.
- Presently, project sponsors for non cash flow and demonstration projects can seek Task Force construction approval at any TF meeting.
- The Prioritization Process has been completed for the 48 un-constructed projects. The Task Force now has the ability to quickly compare projects requesting construction approval using the Prioritization criteria. There is no longer a need to accumulate a number of projects seeking funding approval so that they can compete.
- Funding projects at every Task Force meeting will enable the CWPPRA program to implement projects faster. CWPPRA has been criticized in the past for not construction projects in a timely fashion, although Cash-Flow has helped this situation.
- It is difficult for project managers to time a project so that all required Phase II items are in place prior to a regular Task Force funding meeting. A number of project managers may complete these requirements after a Task Force funding meeting and have to wait another 5 or 6 months for that approval.
- The change will avoid/eliminate “contingent approvals” requests for Phase II funding.
- The down side to funding projects at every Task Force meeting is that CWPPRA funding is becoming limited. But if a medium to high level (according to the Prioritization criteria) project is ready to be funded and the funding is available, perhaps CWPPRA should fund it and not have its construction approval delayed until the next regular Task Force funding meeting.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**PRIORITIZATION PROCESS FOR FUTURE PPL 1-12 PHASE II AUTHORIZATIONS**

**For Report**

Ms. LeBlanc will present the results of the analysis by the Engineering and Environmental Workgroups to prioritize projects on PPLs 1-12 for which construction has not been authorized. The analysis was accepted by the Technical Committee on July 16, 2003, without changes.

**For Decision**

Ms. LeBlanc will present the Technical Committee's recommendation for updating individual project scores and for scoring of future PPL projects.

**Recommendation of the Technical Committee**

The Technical Committee recommends

that the sponsoring agency present their suggested scoring at the 95% design review meeting for consensus between the agencies, and

that the Engineering and Environmental Workgroup be tasked with taking PPL13, and all future PPLs, through the prioritization process as part of Phase 0 analysis.

# Prioritization Results

CWPPRA Task Force Meeting  
14 Aug 03



Presented by:

Chris Monnerjahn  
Chairman, Engineering Workgroup

and

Kevin Roy  
Chairman, Environmental Workgroup



# Prioritization Background

- **Performed by the Engineering Workgroup, Environmental Workgroup, and the Academic Advisory Group on May 19-22, 2003 and June 3-4, 2003.**
- **Applied the Prioritization Criteria as written by the Technical Committee and approved by the Task Force.**
- **Provided the Technical Committee with the Table of Prioritization Scores.**
- **On 16 Jul 03 the Technical Committee accepted scores “as is”, to be used as a “tool” by the Task Force**



## PRIORITIZATION CRITERIA FOR UNCONSTRUCTED PPL 1 - 12 PROJECTS

### I. Cost-effectiveness

Scoring for this criterion should be based on current estimated total fully funded project cost and net acres created/protected/restored at Target Year (TY) 20. See appendix for calculation of swamp net acres.

Less than \$20,000/ net acre	10
Between \$20,000 and \$40,000/net acre	7.5
Between \$40,000 and \$60,000/net acre	5
Between \$60,000 and \$80,000/net acre	2.5
More than \$80,000/net acre	1

*Alternate Net Acres for Swamps:* The “cost/net acre” approach used above does not work for swamp projects because the wetland loss rates estimated for Louisiana coastal wetlands using historical and recent aerial photography have not detected losses for swamps. However, future loss rates for swamps have been estimated by Coast 2050 mapping unit. This information, combined with other information regarding project details/benefits can be used to provide an “alternate net acres” estimate for swamp projects. *Attachment 1* contains a description of how alternate net acres will be derived for the purposes of assessing the cost-effectiveness of swamp projects, along with the assessment of alternate net acres for two listed swamp projects.

### II. Address area of need, high loss area

The purpose of this criterion is to encourage the funding of projects that are located in basins undergoing the greatest loss. Additionally, projects should be located, to the maximum extent practicable, in localized “hot spots” of loss when they are likely to substantially reduce or reverse that loss. The appropriate basin determination on the following table should be selected based on the location of the majority of the project benefits, and the project’s Future Without Project (FWOP) loss rates should be applied. Specific basins are assigned to high, medium, low, and stable/gain categories based on recent basin-wide loss rates (1990 to 2001).

For projects with sub-areas affected by varying land loss or erosion rates, the score shall be a weighted average which reflects the proportion of the total project area affected by each loss rate.

*Example: Project located in Calcasieu/Sabine basin. Project area of 1,000 acres of which sub-area 1 is 200 acres and experiences a shoreline internal loss rate of 3%/yr, and 800-acre subarea 2 has an internal loss rate of 1%/yr. The project would receive a score of  $(0.2*7)+(0.8*5) = 5.4$*

For project areas affected by both internal wetlands loss and shoreline loss, the score shall be a weighted average which reflects the proportion of the total project area affected by each loss rate.

*Example: Project located in Calcasieu/Sabine basin. Project area of 1,000 acres of which sub-area 1 is 200 acres and experiences a shoreline erosion rate of 30 feet/yr, and 800-acre subarea 2 has an internal loss rate of 0.1%/yr. The project would receive a score of  $(0.2*7.5)+(0.8*3) = 3.9$*

FOR NON-SHORELINE PROTECTION PROJECTS

Internal Loss Rates

Basin	High ≥2.0%/yr	Medium > 2.0% to ≤ 0.5%/yr	Low < 0.5%/yr to ≤ 0.01%/yr	Stable or Gain
Barataria and Terrebonne	10	7	5	3
Calcasieu/Sabine, Mermentau, and Pontchartrain	7	5	3	2
Breton, Mississippi River	5	3	2	1
Atchafalaya and Teche/Vermilion	3	2	1	0

FOR SHORELINE PROTECTION AND BARRIER ISLAND PROJECTS

Average Erosion Rate

Basin	High ≥ 25 ft/yr	Medium ≥ 10 to < 25 ft/yr	Low 0 to < 10 ft/yr
Barataria Terrebonne	10	7.5	5
Calcasieu/Sabine Mermentau Pontchartrain	7.5	5	4
Breton Mississippi River	5	4	3
Atchafalaya Teche/Vermilion	4	3	1

**III. Implementability**

Implementability is defined as the expectation that a project has no serious impediment(s) precluding its timely implementation. Impediments include issues such as oyster leases, land rights, infrastructure relocations, and major public concerns. Other issues which sponsoring agencies believe may significantly affect implementability may also be identified.

Oyster impediments include the presence of state-issued oyster leases in the project area without a state program to address such leases. In the event that such a program is implemented, projects with inadequate project-specific funding to implement that state program will be deemed as having oyster impediments.

The predominant land rights issue affecting implementability is identified as non-participating landowners (i.e., demonstrated unwilling to execute required servitudes, rights-of-way, etc.) of tracts critical to major project features, *unless* the project is sponsored by an agency with condemnation authority which has confirmed its willingness to use such authority. Other difficult or time-consuming land rights issues (e.g., reclamation issues, tracts with many owners/undivided interests) are not defined as issues affecting implementability unless identified as such by the agency procuring land rights for the project. Infrastructure issues are generally limited to modifications/relocations for which project-specific funding is not included in estimated project costs, or if the infrastructure operator/owner has confirmed its unwillingness to have its operations/structures relocated/modified.

Significant concerns include issues such as large-scale flooding increases, significant navigation impacts, basin-wide ecological changes which would significantly affect productivity or distribution of economically- or socially-important coastal resources.

The project has no obvious issues affecting implementability 10 pts

Subtract 3 points for each identified implementability issue, negative scores are possible.

#### IV. Certainty of benefits

The Adaptive Management review showed that some types of projects are more effective in producing the anticipated benefits. Factors that influence the certainty of benefits include soil substrate, operational problems, lack of understanding of causative factors of loss, success of engineering and design as well as construction, etc. Scoring for this criterion should be based on selecting project types which reflect the planned project features. If a project contains more than one type of feature, the relative contribution of each type should be weighed in the scoring, as in the example below.

Example: A project in the Chenier plain with two major project components: inland shoreline protection and hydrologic restoration. Approximately 80% of the anticipated benefits (i.e., net acres at TY20) are expected to result from shoreline protection features and approximately 20% of the benefits (i.e. net acres at TY 20) are anticipated to result from hydrologic restoration. Scoring for this project should generally be  $(0.8*10)+(0.2*5) = 9$

Certainty of Benefits – Project Type Table

Inland shoreline protection - chenier plain	10
River diversions- deltaic plain	9
Terracing - chenier plain	8
Inland shoreline protection - deltaic plain	8
Marsh creation - chenier plain	7
Marsh creation - deltaic plain	7
Barrier island projects	7
Gulf shoreline protection - chenier plain*	6
Gulf shoreline protection - deltaic plain*	5
Freshwater diversion -chenier plain	5

Hydrologic restoration - chenier plain	5
Terracing - deltaic plain	3
Hydrologic restoration - deltaic plain	2

\* Gulf shoreline protection means typical structures currently being used around the state and nation such as breakwaters, revetments, concrete mats, etc. Does not include experimental structures being tested at various locations.

**V. Sustainability of benefits**

This criterion should be scored as follows:

The net acres benefited at TY 20 should be projected through TY 30 based on application of FWOP conditions (i.e., internal loss and shoreline erosion rates) to the TY20 net acres. . The net acres benefited at TY 20 and the percent decrease in net acres from TY20 to TY30 are combined in the matrix below to produce an indicator of sustainability. Assume that, after year 20, project features such as water control structures would be locked open, controlled diversions and siphons would be closed, and shoreline protection structures only would provide full protection until the next projected maintenance event would be necessary (i.e, future without project (FWP) conditions would continue from TY20 until the next maintenance event would be required, at which time FWOP conditions would be applied). Selected project types (e.g., uncontrolled sediment diversions) may be considered for continued application of FWP conditions provided that a valid rationale is provided.

% decrease in net acres between TY20 and TY30	Score
0 to 5% (or gain)	10
6 to 10%	8
11 to 15%	6
16 to 20%	4
21 to 30%	2
> 30%	1

**VI. Consistent with hydrogeomorphic objective of increasing riverine input in the deltaic plain or freshwater input and saltwater penetration limiting in the Chenier plain**

**DELTAIC PLAIN PROJECTS**

The project would significantly increase riverine input into the benefitted wetlands (structure capable of diverting  $\geq 2,500$  cfs) 10

The project would result in the riverine input of between 2,500 cfs and 1,000 cfs into benefitted wetlands 7

The project would result in some minor increases of riverine flows into the benefitted wetlands (structure or diversion <1,000 cfs) 4

The project will not result in increases in riverine flows 0

#### CHENIER PLAIN PROJECTS

The project will divert freshwater from an area where excess water adversely impacts wetland health to an area which would be benefitted from freshwater inputs OR the project will provide a significant level of salinity control to an area where it is in need 10

The project will result in increases in freshwater inflow to an area where it is in need OR the project may provide some minor and/or local salinity control benefits 5

The project will not affect freshwater inflow or salinity 0

#### **VII. Consistent with hydrogeomorphic objective of increased sediment input**

The purpose of this criterion is to encourage projects that bring in sediment from exterior sources (i.e., Atchafalaya River north of the delta, Mississippi River, Ship Shoal, or other exterior sources). Therefore, for projects to score on this criterion at all, they must have some outside sediment sources as project components. Large river diversions similar to Benny's Bay (i.e. >-12 ft bottom elevation) can be expected to input a substantial amounts of sediment into areas of need and should rank higher than diversions of smaller magnitude. Mining sediment from outside systems should receive emphasis. Large scale mining of river sediments such as proposed in the Sediment Trap project represent a major input of sediment from outside the system. Major mining of Ship Shoal for use on barrier islands also should be considered to be more beneficial than dredging minor volumes of sediment for placement on barrier islands. Mining ebb tidal deltas also should receive less emphasis than major mining of Ship Shoal due to the limited quantity of high quality sand available from ebb tidal deltas. Ebb tidal deltas are sediment sinks disconnected from input into the system and should be emphasized over flood tidal deltas or other similar interior bay borrow sites. In all cases, to receive any points, the source of the sediment should be considered to be exterior to, and have no natural sediment input into, the basin in which the project is located.

The project will result in the significant placement of sediment from exterior sources 10

The project will input some sediment from external sources 5

The project will not increase sediment input over that presently occurring 0

#### **VIII. Consistent with hydrogeomorphic objective of maintaining or establishing landscape features critical to a sustainable ecosystem structure and function**

Certain landscape features provide critical benefits to maintaining the integrity of a basin's ecosystem. Such features include barrier islands and shorelines, cheniers and other important ridges, and lake rims.

The project serves to protect, for at least the 20 year life of the project, features which are critical to maintaining the integrity of the basin in which they are found (e.g., barrier islands, Barataria land bridge, Grand and White Lake land bridge)	10
The project serves to protect, for at least the 20 year life of the project, landscape features which are critical to the mapping unit (e.g., Lake Borgne, Grand and White Lake shoreline, Rockefeller Refuge)	5
The project does not meet the above criteria	0

Once all the projects have been evaluated and scored by the Environmental and Engineering Work Groups, each score will be weighted using the following table and the following formula to create one final score. A maximum of 100 points is possible.

Weighting per criteria:

1. Cost-Effectiveness	20
2. Area of Need	15
3. Implementability	15
4. Certainty of Benefits	10
5. Sustainability	10
6. HGM Riverine Input	10
7. HGM Sediment Input	10
8. HGM Structure and Function	10
TOTAL	100%

$$(C1*2.0) + (C2*1.5) + (C3*1.5) + (C4*1.0) + (C5*1.0) + (C6*1.0) + (C7*1.0) + (C8*1.0)$$



## **Attachment 1**

### **COST / “ALTERNATE NET ACRES” (SWAMP)**

“COST / NET ACRE” does not work for swamp projects because the wetland loss rates estimated for Louisiana coastal wetlands using historical and recent aerial photography, have not detected losses for swamps. In spite of this, swamp ecologists and others know that the condition of many of swamps is very poor, and that the trend is for rapid decline. They also know that the ultimate result of this trend will be conversion of the swamps to open water. This conversion is expected to happen very quickly when swamp health reaches some critical low threshold. Because of this, it is not possible to estimate “net acres” as is done for marsh projects. However, future loss rates for swamps have been estimated by Coast 2050 mapping unit (Louisiana Coastal Wetlands Conservation and Restoration Task Force and the Wetlands Conservation and Restoration Authority 1998). This information, combined with other information regarding project details/benefits can be used to provide an “**alternate net acres**” estimate for swamp projects.

### **EXAMPLES**

**Maurepas Diversion Project:** Wetland loss rates for the Coast 2050 Amite/Blind Rivers mapping unit for 1974-90 were estimated by USACE to be 0.83% per year for the swamps, and 0.02% per year for fresh marsh. Based on these rates, about 50% of the swamp, and 1.2% of the fresh marsh will be lost in 60 years (LCWCRTF 1998. Appendix C). For the purposes of this example, in order to be consistent with other approaches, one can estimate the acres that would be lost in the project area in 20 years without the project. The project area is 36,121 acres (Lee Wilson & Associates 2001). The Amite/Blind Rivers mapping unit consisted of 138,900 acres of swamp and 3,440 acres of fresh marsh in 1990 (LCWCRTF 1998. Appendix C). Since we don’t have an estimate of the proportion of swamp and fresh marsh in our study area, we will assume the same proportions as in the Amite/Blind Rivers mapping unit, 98% swamp, 2% fresh marsh. Applying these proportions and the loss rates for the mapping unit, to the project area, about 17,699 acres of swamp and about 9 acres of fresh marsh will be lost in 60 years in the Maurepas project area, without the project. With the project, we assume none of this will be lost. Assuming a linear rate of loss (not really the case for swamps), 5,900 acres of swamp and 3 acres of fresh marsh will be lost in 20 years without the project. With the project, we assume none of this will be lost, so the “alternate net acres” for this project are 5,903. COST / “ALTERNATE NET ACRES” is equal to the project cost estimate, \$57,500,000, divided by 5,903 = \$9,741. This then would fall within the “Less than \$20,000 / net acre” category for a score of 10.

**Small Diversion into NW Barataria Basin:** This project is in the Coast 2050 Des Allemands mapping unit. It is estimated that 60% of the swamp and 30% of the marsh in this unit will be lost in 60 years (LCWCRTF 1998. Appendix D). The project area includes 4,057 acres of swamp and 20 acres of fresh marsh (USGS & LDNR 2000). Applying the estimated future loss rates from Coast 2050 to this project area, we estimate that 2,434 acres of swamp and 6 acres of fresh marsh will be lost in 60 years without the project. Assuming a linear rate of loss (not really the case for swamps), we estimate that 811 acres of swamp and 2 acres of fresh marsh will be lost in 20 years without the project. With the project, we assume none of this will be lost. In addition, this project will restore 200 acres of existing open water to swamp (U.S. EPA 2000), for a total “alternate net acres” for this project of 1,013 acres.  $COST / “ALTERNATE NET ACRES”$  is equal to the project cost estimate, \$7,913,519, divided by 1,013 = \$7,812. This then would fall within the “Less than \$20,000 / net acre” category for a score of 10.

## **REFERENCES**

Louisiana Coastal Wetlands Conservation and Restoration Task Force and the Wetlands Conservation and Restoration Authority. 1998. Coast 2050: Toward a Sustainable Coastal Louisiana. Appendices C and D. Louisiana Department of Natural Resources. Baton Rouge, La.

Lee Wilson and Associates. 2001. Diversion Into the Maurepas Swamps. Prepared for U.S. EPA Region 6, Dallas, Texas.

U.S. EPA Region 6. 2000. Wetland Value Assessment Project Information Sheet- Small Freshwater Diversion to the Northwestern Barataria Basin.

USGS & LDNR. 2000. Northwestern Barataria Basin Habitat Analysis.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**AGENCY RESPONSE ON MOVING PPL 1-8 PROJECTS INTO CASH FLOW**

**For Report**

Ms. LeBlanc will present the results of a more detailed analysis by the Technical Committee regarding operations, maintenance, and monitoring (OM&M) for PPL 1-8 projects in the event the Task Force decides to apply cash flow procedures to PPL 1-8 projects.

**For Decision**

The Task Force is asked to make a final decision on whether or not to move OM&M for PPL 1-8 projects into cash flow, in light of the detailed breakdown completed by the Technical Committee.

# PPL 1-8 OM&M to Cash Flow

CWPPRA Task Force Meeting  
14 Aug 03



## Background

- 16 Apr 03 – Technical Committee reported back to Task Force on results of Jan 03 directive to develop a methodology to implement cash flow for OM&M on PPL1-8, summarized as follows (as of Apr 03):

❖ Current estimate for OM&M -	\$84.2M
❖ Obligations to date -	\$ 9.4M
❖ Estimated “need” for FY04-06 -	\$14.4M
❖ Contingency fund -	<u>\$ 5.0M</u>
❖ TOTAL to Move to Cash Flow	\$55.4M

- The Technical Committee reported that the amount of funds that could be moved into cash flow would be further limited by projects with commitments to OM&M
- The Task Force asked each agency to provide more detail regarding specific OM&M commitments to be “retained” and report back to the Task Force at the next meeting

## Background

- Technical Committee made the decision to provide the requested feedback to the Task Force as a joint effort, so that totals could be calculated (this information will be presented at Aug TF mtg)
- The Corps developed a skeleton spreadsheet which included the following columns for monitoring and O&M (broken down project-by-project):
  - ❖ current estimates
  - ❖ obligations/expenditures
  - ❖ unobligated balances
  - ❖ requirements for FY04-06
  - ❖ additional amounts to be “retained” (with explanation)
  - ❖ remaining amounts which could be moved to cash flow
- Initially, LDNR populated the spreadsheet with needed monitoring and O&M funding for FY04-06
- Agencies provided input on additional amounts to be “retained”

## Summary of Results

- Refer to spreadsheet for details
- Summary of results:

	Monitoring	O&M	TOTAL
Current Estimate	\$ 27.6M	\$ 56.6M	\$ 84.2M
Obligations to Date	\$ 8.8M	\$ 3.2M	\$ 12.0M
Estimated “Need” for FY04-06	\$ 12.0M	\$ 10.5M	\$ 22.5M
Additional Amt to be “Retained”	\$ 0.2M	\$ 26.7M	\$ 26.9M
FY03 Credits	\$ 1.6M	\$ 1.0M	\$ 2.6M
<b>Amt Avail to Move to Cash Flow</b>	<b>\$ 5.0M</b>	<b>\$ 15.2M</b>	<b>\$ 20.2M</b>

NOTES:

- The \$5.0M identified as available to move to cash flow for monitoring has been identified by LDNR as a funding source for the CRMS request to the Task Force
- These figures are “as of 30 Jun 03”, therefore, amount is likely reduced slightly due to additional expenditures since this time
- Amount listed includes \$2M obligated between Apr – Jul, \$600K obligated between 15 – 30 Jun (remaining FY02 credits), and an estimated \$2.6M in FY03 credits)

### **Issues Related to Moving OM&M for PPL1-8 to Cash Flow**

- Moving these funds into cash flow may require substantial efforts:
  - ❖ potential modification of cost sharing agreements
  - ❖ modifications could take months/years to implement
- Is amount identified substantial enough to warrant this additional work effort? (\$20.2 M could possibly allow funding of one or two moderately-priced project)
- Moving the OM&M for some projects under PPL1-8 into cash flow will create two separate accounting methods, potentially creating confusion for project managers and financial managers
- Obligations/expenditures continue to accrue while transition takes place (\$5.2M obligated in last 4 months), so actual amount will be less than the estimate provided

### **Issues Related to Moving OM&M for PPL1-8 to Cash Flow**

- A shortfall may be created by allowing funds to be allocated to new construction in lieu of OM&M
- PPL1-8 OM&M projected annual budgets will have to compete annually for available funds
- Underfunded OM&M efforts could result in breach of permit requirements or projects falling into disrepair, action must be taken to ensure this doesn't happen
- For Discussion/Decision: The Task Force is asked to make a final decision on whether or not apply cash flow procedures to PPL1-8 OM&M. NOTE: The Technical Committee previously provided a methodology at the April 2003 Task Force meeting

Table with columns: Proj No., PPL, Agency, Project, Const Start, Const Completion, Monitoring Estimate, Monitoring Obligations\*, K=(J+K), L=(M), M, N, O, P, Q, R, S, T, U, V, W, X. Rows include projects like Barataria Bay Waterway, Bayou Labranche, Vermilion River, West Bay, Clear Marais, West Belle Pass, Channel Armor, MRGO Back Dike, Bayou Chevee, Flexible Dustpan (DEMO), Marsh Island, Sabine Refuge Marsh Creation, Isles Dernieres (Ph 0), Isles Dernieres (Ph 1), Whiskey Island, Bayou Lafourche Siphon, Miss R Water Reintro into Bayou Lafourche, Bayou Sauvage #1, Cameron Creole, Cameron Prairie, Sabine Refuge, Bayou Sauvage #2, Sabine Strucs (Hog Island), Grand Bayou, Lake Boudreaux, Nutria Harvest (DEMO), Atchafalaya Sed Del, Big Island Mining, Point Au Fer, East Timbaler Island #1, Lake Chapeau, Lake Salvador (DEMO).

						I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X		
						Amounts as of 30 Jun 2003			Monitoring Unobligated Balance*			Monitoring Required FY04-06		Additional Amt to Remain with Proj		R=(L,N,P)-(M,O-Q)		Amount as of 30 Jun 03		Additional Amt		X=(U-V-W)	
Proj No.	PPL	Agency	Project	Const Start	Const Completion	Monitoring Estimate	Monitoring Obligations*	K=(J-I) and K=(L-M) TOTAL	Project-Specific	CRMS	Project-Specific	CRMS	Project-Specific	CRMS	Monitoring Amt to Return	O & M Estimate	O & M Obligations*	O & M Unoblig Bal	O&M Required FY04-06	to Remain w/ Project	O&M Amount to Return	Comments if Entire Unobligated Balance is Not Shown in "Amount to Return" Column	
TE-30	4	NMFS	East Timbalier Island #2	1-May-99	31-Dec-03	145,041	31,323	113,718	113,718	-	113,718	-	-	-	-	-	-	-	-	-	-	-	
TV-12	5	NMFS	Little Vermilion Bay	10-May-99	20-Aug-99	143,476	15,235	128,241	109,408	18,833	55,144	18,833	14,406	-	39,858	193,807	-	193,807	29,100	-	164,707		
BA-24	5	NMFS	Myrtle Grove Siphon			6,152	6,152	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CS-27	6	NMFS	Black Bayou Hyd Rest	1-Jul-01	A	838,934	73,351	765,583	331,327	434,256	165,566	434,256	5,000	-	160,761	592,986	-	592,986	40,600	5,000	547,386	Additional operations and monitoring data is needed at the SRT with one additional water level/salinity recorder.	
MR-09	6	NMFS	Delta-Wide Crevasse	21-Jun-99	31-Dec-14	288,052	17,250	270,802	236,536	34,266	118,344	34,266	-	-	118,192	3,695,207	-	3,695,207	1,464,100	144,872	2,086,235	All FY04-06 funds are for second of four construction cycles.	
TV-15	6	NMFS	Sediment Trapping at the Jaws	1-Feb-04	31-May-04	148,823	2,849	145,974	3,367	142,607	-	145,974	-	-	-	256,471	-	256,471	14,100	-	242,371		
BA-28	7	NMFS	Grand Terre Veg Plntgs	1-May-01	01-Jul-01	146,932	25,205	121,727	121,727	-	51,929	-	-	-	69,798	62,643	-	62,643	-	-	62,643		
ME-14	7	NMFS	Pecan Island Terracing	15-Dec-02	15-Aug-03	151,536	9,777	141,759	141,759	-	114,863	-	-	-	26,896	200,006	-	200,006	14,100	-	185,906		
PO-24	8	NMFS	Hopedale Hydrologic Rest	1-Apr-03	01-Jul-03	641,052	37,876	603,176	303,389	299,787	146,714	299,787	75,000	-	81,675	449,209	-	449,209	29,372	419,837	-	Retain \$75,000 in monitoring funds pending confirmation that monitoring requirements will be met through "project specific" monitoring allocation. Retain entire Hopedale O&M estimate to ensure adequate funding to meet obligations to local government and to fulfill federal permit conditions.	
BA-02	1	NRCS	BA-2 GWWW to Clovelly	21-Apr-97	31-Oct-00	1,236,624	344,046	892,578	816,430	76,148	268,600	76,148	-	-	547,830	1,235,079	65,076	1,170,003	637,735	532,268	-	As holder of COE permit, Lafourche Parish Council (LPC) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to LPC.	
TE-17	1	NRCS	V.P. - Falgout Canal (DEMO)	30-Aug-96	30-Dec-96	62,994	62,994	-	-	-	-	-	-	-	-	27,885	17,088	10,797	-	-	10,797		
TE-18	1	NRCS	V.P. - Timbalier Island (DEMO)	15-Mar-95	30-Jul-96	69,673	69,673	-	-	-	-	-	-	-	-	27,885	24,417	3,468	-	-	3,468		
CS-19	1	NRCS	V.P. - West Hackberry (DEMO)	15-Apr-93	30-Mar-94	68,630	68,630	-	-	-	-	-	-	-	-	27,884	18,225	9,659	-	-	9,659		
TV-09	2	NRCS	Boston Canal/Vermilion Bay	13-Sep-94	30-Nov-95	137,735	116,022	21,713	21,713	-	17,809	-	-	-	3,904	195,775	38,510	157,265	89,600	67,665	-	As holder of COE permit, Vermilion Parish Police Jury (VPPJ) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to VPPJ.	
CS-09a	2	NRCS	Brown's Lake	1-Dec-03	01-Jun-04	820,564	279,805	540,759	493,341	47,418	179,224	47,418	-	-	314,117	432,226	-	432,226	-	-	432,226		
BS-03a	2	NRCS	Caernarvon Divr Outfall	1-Jun-01	19-Jun-02	837,103	213,899	623,204	257,428	365,776	70,364	365,776	-	-	187,064	1,045,935	30,000	1,015,935	76,287	939,648	-	As holder of COE permit, Delacroix Corporation and Gatten Livadais are required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to those parties.	
ME-04	2	NRCS	Freshwater Bayou	29-Aug-94	15-Aug-98	891,466	433,022	458,444	52,157	406,287	18,267	406,287	-	-	33,890	1,306,111	750,504	555,607	555,607	-	-	O&M estimate, shown in blue, means that the agency must first get Task Force approval to exceed 125% baseline cost in order to meet FY04-06 O&M requirements before the estimate can be officially increased.	
PO-06	2	NRCS	Fritchie Marsh	1-Nov-00	01-Mar-01	915,647	300,208	615,439	375,372	240,067	99,018	240,067	-	-	276,354	225,211	54,893	170,318	34,100	136,218	-	As holder of COE permit, Bogue Chito - Pearl River Soil and Water Conservation District (BC-PRSWCD) required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to BC-PRSWCD.	
CS-21	2	NRCS	Hwy 384	1-Oct-99	07-Jan-00	394,931	265,291	129,640	129,640	-	21,039	-	-	-	108,602	345,898	83,946	261,952	104,300	157,652	-	Easement commits to maintaining project in good repair and fit condition. As holder of COE permit, Cam. Par Grav. Drain. Dist. No. 8 is required to maintain project in good condition. Retracting O&M funds would not be in good faith to landowner(s) and	
BA-20	2	NRCS	Jonathan Davis	22-Jun-98	01-Jun-03	816,885	298,871	518,014	364,742	153,272	90,288	153,272	-	-	274,454	2,567,921	57,263	2,510,658	346,550	2,164,108	-	As holder of COE permit, Jefferson Parish Council (JPC) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to JPC.	
CS-20	2	NRCS	Mud Lake	1-Oct-95	15-Jun-96	1,372,544	814,474	558,070	557,727	343	172,507	343	-	-	385,220	952,331	150,605	801,726	801,726	-	-	O&M estimate, shown in blue, means that the agency must first get Task Force approval to exceed 125% baseline cost in order to meet FY04-06 O&M requirements before the estimate can be officially increased.	
TE-28	3	NRCS	Brady Canal	1-May-99	22-May-00	1,084,338	326,876	757,462	699,637	57,825	158,116	57,825	-	-	541,521	1,344,038	140,287	1,203,751	734,622	469,129	-	Landowners are party to the Cost Sharing Agreement and are providing the non-Federal share of entire project. Retracting O&M funds would breach the federal (NRCS) and State commitment made to the landowners via the CSA.	
CS-04a	3	NRCS	Cameron-Creole Maint	30-Sep-97	15-Jul-98	-	-	-	-	-	-	-	-	-	-	3,736,718	865,905	2,870,813	87,100	2,783,713	-	This project was approved solely as a maintenance project as allowed by CWP/PPRA. Retracting funds at this time would undermine the intended purpose, which was to ensure continued operation and maintenance of an existing project.	
TV-04	3	NRCS	Cote Blanche	25-Mar-98	15-Dec-98	786,937	321,504	465,433	287,028	178,405	101,858	178,405	-	-	185,170	649,224	397,883	251,341	194,678	56,663	-	As holder of COE permit, St. Mary Soil and Water Conservation District (SMSWCD) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to SMSWCD.	
BA-04c	3	NRCS	West Pointe-a-la-Hache Outfall			837,055	27,397	809,658	259	809,399	259	809,399	-	-	-	829,138	-	829,138	-	-	829,138		
BA-23	4	NRCS	Barataria Bay Waterway (West)	1-Jun-00	01-Nov-00	131,332	87,439	43,893	23,988	19,905	23,988	19,905	-	-	-	746,260	57,087	689,173	62,600	626,573	-	Easement commits to maintaining project in good repair and fit condition. As holder of COE permit, Jefferson Parish Council (JPC) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to landowner(s) and JPC.	



						I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X						
						Amounts as of 30 Jun 2003			Monitoring Unobligated Balance*			Monitoring Required FY04-06		Additional Amt to Remain with Proj		R=(L,N,P)+(M-O-G)		Amount as of 30 Jun 03		Additional Amt		X=(U-V-W)					
Proj No.	PPL	Agency	Project	Const Start	Const Completion	Monitoring Estimate	Monitoring Obligations*	K=(J) and K=(L-M) TOTAL	Project-Specific	CRMS	Project-Specific	CRMS	Project-Specific	CRMS	Monitoring Amt to Return	O & M Estimate	O & M Obligations*	O & M Unoblig Bal*	O&M Required FY04-06	to Remain w/ Project	O&M Amount to Return	Comments if Entire Unobligated Balance is Not Shown in "Amount to Return" Column					
CS-24	4	NRCS	Perry Ridge	15-Dec-98	A 15-Feb-99	A	153,704	77,555	76,149	76,149	-	29,154	-	-	-	46,995	424,509	26,930	397,579	384,807	12,772	-	Easement commits to maintaining project in good repair and fit condition. Retracting O&M funds at this time would not be in good faith to landowner(s).				
CS-25	4	NRCS	Flowed Terraces (DEMO)	30-Apr-99	A 31-Aug-00	A	41,453	26,512	14,941	14,941	-	14,941	-	-	-	3,972	2,937	1,035	-	1,035	-	-	As holder of COE permit, the landowner (formerly Amoco) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to the landowner.				
ME-13	5	NRCS	Freshwater Bayou Bank Slab	15-Feb-98	A 15-Jun-98	A	56,748	35,429	21,319	21,319	-	6,001	-	-	-	15,318	575,510	25,878	549,632	402,329	147,303	-	Easement commits to maintaining project in good repair and fit condition. As holder of COE permit, Vermilion Corporation (VC) is required to maintain project in good condition Retracting O&M funds at this time would not be in good faith to VC.				
BA-03c	5	NRCS	Naomi Outfall Management	1-Jun-02	A 15-Jul-02	A	589,170	94,892	494,278	342,026	152,252	143,752	152,252	-	-	198,274	488,980	9,891	479,089	43,100	435,989	-	Easement commits to maintaining project in good repair and fit condition. Retracting O&M funds at this time would not be in good faith to landowner(s).				
TE-29	5	NRCS	Raccoon Island Breakwaters (DEMO)	21-Apr-97	A 31-Jul-97	A	192,384	153,919	38,465	38,465	-	38,465	-	-	-	-	29,034	14,934	14,100	14,100	-	-					
CS-11b	5	NRCS	Sweet Lake/Willow Lake	1-Nov-99	A 02-Oct-02	A	161,249	34,060	127,189	92,359	34,830	23,529	34,830	-	-	68,831	478,513	21,950	456,563	14,100	442,463	-	Easement commits to maintaining project in good repair and fit condition. Retracting O&M funds at this time would not be in good faith to landowner(s).				
BA-26	6	NRCS	Barataria Bay Waterway (East)	1-Dec-00	A 31-May-01	A	78,790	78,790	-	-	-	-	-	-	-	-	1,228,500	38,579	1,189,921	264,100	925,821	-	Easement commits to maintaining project in good repair and fit condition. As holder of COE permit, Jefferson Parish Council (JPC) is required to maintain project in good condition Retracting O&M funds at this time would not be in good faith to landowner(s) and JPC.				
TV-16	6	NRCS	Cheniere au Tigre (DEMO)	1-Sep-01	A 02-Nov-01	A	64,729	26,629	38,100	38,100	-	38,100	-	-	-	-	22,975	9,475	13,500	13,500	-	-					
TV-13a	6	NRCS	Oaks/Avery Canals	15-Apr-99	A 11-Oct-02	A	673,700	61,464	612,236	480,579	131,657	221,081	131,657	-	-	259,498	323,000	15,304	307,696	14,100	293,596	-	As holder of COE permit, Vermilion Parish Police Jury (VPPJ) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to VPPJ.				
TE-34	6	NRCS	Penchant Basin	1-Jan-05	A 30-Sep-05		855,145	3,031	852,114	-	852,114	-	-	-	-	-	1,855,804	-	1,855,804	-	-	1,855,804					
BA-27	7	NRCS	Barataria Basin LB - Ph 1 & Ph 2	1-Dec-00	A 31-Oct-04		168,650	45,053	123,597	123,597	-	67,689	-	-	-	55,908	1,525,609	50,243	1,475,366	34,100	1,441,266	-	As holder of COE permits, Jefferson Parish Council (JPC) and Lafourche Parish Council (LPC) are required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to JPC and LPC.				
TE-36	7	NRCS	Thin Mat Flotant Marsh (DEMO)	15-Jun-99	A 10-May-00	A	471,925	245,983	225,942	225,942	-	225,942	-	-	-	-	-	-	-	-	-	-					
ME-11	8	NRCS	Humble Canal Hydrologic Rest	1-Jul-02	A 01-Mar-03	A	674,821	72,303	602,518	552,512	50,006	179,479	50,006	-	-	373,033	239,858	-	239,858	45,100	194,758	-	As holder of COE permits, Cameron Parish Drainage District No. 5 is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to CPDD#5.				
TV-17	8	NRCS	Lake Portage Land Bridge - Ph 1	15-Feb-03	A 01-May-03		87,096	6,483	80,613	31,119	49,494	25,400	49,494	-	-	5,719	105,143	-	105,143	14,100	91,043	-	As holder of COE permits, Louisiana Department of Wildlife and Fisheries is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to LDWF.				
Total						27,652,392	8,766,084	18,886,308	12,129,038	6,757,270	5,252,636	6,760,637	224,563	-	6,648,472	56,645,736	3,217,319	53,428,417	10,487,376	26,727,430	16,213,611						
						Additional Amt expected from FY03 W-I-K credits										1,661,877	Additional Amt expected from FY03 W-I-K credits										1,026,621
						Monitoring Amount to Return:										4,986,595	O&M Amount to Return:										15,186,990
NOTE: Cells shown in blue are for projects which must first get Task Force approval to exceed 125% baseline cost in order to meet FY04-06 O&M requirements.																											

# **Report on PPL 1-8 Projects Moving From Current Status to Cash Flow Status**

(updated 31 Jul 03)

## **I. SUMMARY:**

- A. The technical committee reviewed the issues associated with adopting cash flow for PPL 1-8 O,M&M programs.**
- B. The Technical committee estimates that a maximum of \$22.8 M could be returned based on the following:**
  - **84.2 M current estimate in the PPL 1-8 Operation, Maintenance and Monitoring (O,M&M) budgets.**
  - **\$12.0 M obligations to date.**
  - **\$22.5 M of estimated obligations for FY 04, 05 and 06 O,M&M budgets.**
  - **\$26.9M additional amount to be retained in individual project budgets.**
  - **No proposed contingency fund is included to handle emergency/unexpected needs within O&M program.**
- C. This action would affect 74 projects in the O,M&M phase, and could require amendments to many existing CSA's.**

## **II. The following lists indicate the Issues, Pros, and Cons associated with moving CWPPRA projects from PPL list 1 -8 from current status to cash flow status.**

### **A. Issues:**

1. A decision whether or not to implement, and how to fund, the Coastwide Reference Monitoring System should be made prior to converting PPL1-8 projects to "cash flow", so as to avoid repetitive budget "shuffling" and recurring agreement revisions within the next few years.
2. It is reasonable that some projects should be exempt from the conversion to cash flow due to previous commitments for O,M&M activities. If any projects are exempted, there will still be a need for "two accounting systems" and the funds to be delivered back to the Task Force will be reduced.
3. Conversion to cash flow for O,M&M and a subsequent decision not to fund O,M&M for a given project could result in that project going into disrepair. How does the Task Force intend to address liability of such disrepair?
4. The annual process for choosing between funding new construction starts and funding ongoing O,M&M, and for choosing among projects for ongoing OM&M funding, should be defined and established prior to converting PPL1-8 projects to "cash flow".

B. Pros:

1. A maximum of \$22.8 million could be delivered back to the CWPPRA Task Force for use on funding new projects, or as desired. This amount includes exempted projects.
2. Provides mechanism for a more thorough evaluation of year to year funding for O,M&M projects.
3. Proposed funding efforts for wetland programs could be hampered by a sum of money stockpiled for future use.
4. Adopting cash flow for PPL 1-12 will increase uniformity of processing/implementing projects.

C. Cons:

1. Potentially, if available construction funds are spent at a rate that encroaches on future O,M&M annual needs, a shortfall of funds may be created.
2. 20-yr O,M&M obligations to Land Owners and Local Governmental agencies may be breached, if sufficient funds are not available throughout 20-yr project life.
3. Additional accounting effort will be needed to address the annual need for YTD balances and projections.
4. Initial effort to amend CSA's, production of new agreements or Memorandum of Understanding will be time consuming on agency staff.
5. PPL 1-8 O,M&M projected annual budgets will have to compete annually for available funds. Lower priority efforts may be deferred to later years which could result in ultimately addressing a much larger and more expensive task.
6. Under-funded operation, maintenance and monitoring efforts could result in damage to the project and could leave the permit holder in breach of permit requirements.
7. Under-funded operation, maintenance and monitoring efforts could result in projects falling into disrepair, raising liability issues for the State, federal agency, Task Force, permit holder, and/or landowner.

III.

Due to varying Contractual procedures and varying O,M&M agreements currently in place, an Agency by Agency description of the probable actions necessary in order to implement PPL 1-8 projects moving into cash flow follows:

A. Natural Resource Conservation Service and U.S. Fish and Wildlife Service

1. **Review each project for “commitments” to landowners and “sponsors”, and for performance reports/projections sent to Congress, Louisiana Legislature, etc.**
2. **Identify projects for potential abandonment if “adaptive management” would be insufficient to treat non-performance, failure, etc.**
3. **Remaining projects would be selected for conversion to cash flow.**

4. Determine expenditures to date and balance state/federal cost share for each project
5. Estimate cost for next three years of O,M&M for each project.
6. Amend each CSA to remove the O,M&M requirements and funding.
7. Transfer all post construction activities to an “umbrella O,M&M” agreement (e.g. MOA) between DNR and NRCS, with a “budget page” for each project. Each “budget page” would report expenditures to date by cost category relative to the approved/125% budget and commit funds for three years of O,M&M.
8. Each year, the Task Force would approve new budgets for an additional year of O,M&M. Agreement “budget pages” would be replaced to provide updated expenditures to date by cost category relative to the approved/125% budget and commit funds for the next three years of O,M&M.
9. Contingency fund to be used by all CWPPRA agencies will be created to handle all O,M&M emergency/unexpected claims above and beyond existing three year budget.
10. Maintain joint DNR-NRCS inspection and decision making for O,M&M expenditures.

**B. National Marine Fisheries Services and U.S. Environmental Protection Services**

1. Review each project for “commitments” to landowners and “sponsors”, and for performance reports/projections sent to Congress, Louisiana Legislature, etc.
2. Identify projects for potential abandonment if “adaptive management” would be insufficient to treat non-performance, failure, etc.
3. Remaining projects would be selected for conversion to cash flow.
4. Determine expenditures to date and balance state/federal cost share for each project.
5. Estimate cost for next three years of O,M&M for each project.
6. Use current MOA.
7. De-obligate current funds down to projected three yr budgets.
8. Contingency fund to be used by all CWPPRA agencies will be created to handle all O,M&M emergency/unexpected claims above and beyond existing three year budget.
9. Each year, the Task Force would approve new budgets for an additional year of O,M&M. Agreement “budget pages” would be replaced to provide updated expenditures to date by cost category relative to the approved/125% budget and commit funds for the next three years of O,M&M.
10. Maintain joint DNR-NMFS inspection and decision making for O,M&M expenditures.

### C. U S Army Corp Of Engineers

1. Review each project for “commitments” to landowners and “sponsors”, and for performance reports/projections sent to Congress, Louisiana Legislature, etc.
2. Identify projects for potential abandonment if “adaptive management” would be insufficient to treat non-performance, failure, etc.
3. Remaining projects would be selected for conversion to cash flow.
4. Determine expenditures to date and balance State/Federal cost share for each project.
5. Estimate cost for next three years of O, M and M for each project.
6. Leave existing CSA’s in place.
7. Each year, the Task Force would approve new budgets for an additional year of O,M&M. Agreement “budget pages” would be approved and used to provide updated expenditures to date by cost category relative to the approved/125% budget and commit funds for the next three years of O,M&M.
8. Contingency fund to be used by all CWPPRA agencies will be created to handle all O,M&M emergency and unexpected claims above and beyond existing three year budget.
9. Maintain joint DNR-USACE inspection and decision making for O,M&M expenditures.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**FY04 PLANNING BUDGET**

**For Discussion/Decision**

Ms. LeBlanc will give a presentation covering CWPPRA funding and expenditures, and an overview of the PPL process.

Following the presentation, The Task Force is requested to provide direction regarding development of the FY04 Planning Budget. Discussions will include development of a PPL 14 list, LCA funding scenarios under CWPPRA and supplemental tasks.

# Breaux Act Funding Status



Julie Z. LeBlanc, P.E.  
Senior Project Manager  
Coastal Restoration Branch  
New Orleans District  
U. S. Army Corps of Engineers  
(504) 862-1597 office  
(504) 862-1892 fax

## CWPPRA Funding Thru 2009

YEAR	FUNDS AVAILABLE	YEAR	FUNDS AVAILABLE
1992	\$37,376,651	2001	\$51,908,878
1993	\$39,403,462	2002	\$73,746,061
1994	\$37,412,040	2003	\$53,486,143
1995	\$33,469,277	2004	\$74,700,000
1996	\$40,611,754	2005	\$77,700,000
1997	\$45,015,684	2006	\$81,700,000
1998	\$45,822,505	2007	\$82,700,000
1999	\$44,143,523	2008	\$84,700,000
2000	\$57,743,715	2009	\$86,700,000

Funding levels from 2004-2009 are projected. Annual totals include state matching share. Total funds anticipated under program is \$1.048 Billion

### CWPPRA Funds Available

- Between 1991 - 2009, \$841.9 M of Federal funding is projected to be available for CWPPRA construction + \$206.3 M non-Fed = \$1.048 B total available
- Current estimate to construct all 122 projects on PPL 1-PPL 12 is \$1.422 B (including complex projects)
- A projected shortfall of \$374 M exists to construct all PPL 1 – PPL 12 projects
- There are 24 projects scheduled to request Ph II authorization in January \$413.9M + \$7.8M for Ph I
- Assuming \$54M Federal + \$63M non-Fed, the projected shortfall is \$239.4M

## Breaux Act Funding Status



Julie Z. LeBlanc, P.E.  
Senior Project Manager  
Coastal Restoration Branch  
New Orleans District  
U. S. Army Corps of Engineers  
(504) 862-1597 office  
(504) 862-1892 fax



**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2004 Planning Schedule and Budget**  
**P&E Committee Recommendation,**  
**Tech Committee Recommendation,**  
**Approved by Task Force,**

06-Aug-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS											
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior					State of Louisiana					Total	
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA		USDC
<b>PPL 13 TASKS</b>																
PL	13100	Env/Eng/MonWG's evaluates all projects. Env/Eng/MonWG's refine goals and objectives of projects .	10/1/03	10/20/03												0
PL	13120	Env/Eng/MonWG's review Coast 2050 Criteria Score.	10/23/03	10/27/03												0
PL	13200	Prepare project information packages for P&E.	10/30/03	11/3/03												0
PL	13300	P&E holds 3 Public Hearings	11/6/03	11/10/03												0
PL	13400	TC Recommendation for Project Selection and Funding	11/24/03	11/29/03												0
PL	13500	TF Selection and Funding of the 13th PPL (1)	1/16/04	1/16/04												0
PL	13600	PPL 13 Report Development	1/11/04	7/31/04												0
PL	13700	Upward Submittal of the PPL 13 Report	8/1/04	8/1/04												0
PL	13900	Submission of the PPL 13 Report to Congress	8/2/04	9/30/04												0
<b>FY04 Subtotal PL 13 Tasks</b>					0	0	0	0	0	0	0	0	0	0	0	0

**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2004 Planning Schedule and Budget**  
**P&E Committee Recommendation,**  
**Tech Committee Recommendation,**  
**Approved by Task Force,**

06-Aug-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS												
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior				State of Louisiana				EPA	USDA	USDC	Other	Total
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.					
<b>PPL 14 TASKS</b>																	
<b>PL</b>	<b>14100</b>	<b>Selection of Strategies</b>															
PL	14110	COE prepares spreadsheet listing status of all coastal restoration projects	10/1/03	12/31/03													0
PL	14120	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 budget included in Misc 13150]	11/1/03	1/31/04													0
<b>PL</b>	<b>14200</b>	<b>Development and Nomination of Projects</b>															
PL	14210	Sponsoring agencies prepare fact sheets and maps prior to and following RPT nomination meetings.	3/31/04	6/30/04													0
PL	14230	RPT's meet to formulate and combine projects. Each region nominates no more than 3 projects (4 meetings) [18 nominees (2 per basin); 8 candidates; 4 approved projects]	5/1/04	5/31/04													0
<b>PL</b>	<b>14300</b>	<b>Ranking of Nominated Projects</b>															
PL	14301	Environmental WG to revise Coast 2050 criteria. WVA models, etc. Update and improve new Barrier Island WVA model. (One or 2 meetings of the Environ WG)	10/1/03	9/30/04													0
PL	14310	Engr Work Group prepares preliminary fully funded cost ranges for projects	6/1/04	6/30/04													0
PL	14320	Environ/Engr Work Groups apply 2050 criteria to projects	7/1/04	7/31/04													0
PL	14330	P&E develops and distributes project matrix	7/1/04	7/31/04													0

**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2004 Planning Schedule and Budget**  
**P&E Committee Recommendation,**  
**Tech Committee Recommendation,**  
**Approved by Task Force,**

06-Aug-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS												
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior					State of Louisiana			EPA	USDA	USDC	Other	Total
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.					
<b>PL</b>	<b>14400</b>	<b>Selection of Candidates</b>															
PL	14410	Tech Committee selects candidates	7/1/04	7/31/03													0
<b>PL</b>	<b>14500</b>	<b>Analysis of Candidates</b>															
PL	14510	Sponsoring agencies coordinate site visits for all projects	8/1/04	9/30/04													0
PL	14520	Engr/Environ Work Group refine project features and determine boundaries	8/1/04	9/30/04													0
PL	14530	Sponsoring agencies develop project information for WVA; develop designs and cost estimates	8/1/04	9/30/04													0
PL	14540	Environ/Engr Work Groups project evaluation of benefits (with Coast 2050 criteria, etc.)	8/1/04	9/30/04													0
PL	14550	Engr Work Group reviews/approves Ph 1 and Ph 2 cost estimates from evaluating agencies	8/1/04	9/30/04													0
PL	14560	Economic Work Group reviews cost estimates, adds monitoring, O&M, etc., and develops annualized costs	8/1/04	9/30/04													0
PL	14570	Oyster Issues in Phases 0 and 1. Includes: development of regulations for CWPPRA projects; meetings/conferences with leaseholders; developing case by case designs/costs/procedures, etc.	8/1/04	9/30/04													0
PL	14580	Engineering & Environmental Working Groups revisions for Phase II funding of approved Phase I projects (Needed for adequate review of Phase I.) [Assume 10 projects requesting Ph II funding in FY03 (present schedule indicates 20 projects). Assume 5 will require Eng or Env WG review; 2 labor days for each. Did not include COE - sponsored projects because any additional review for those would be charged to project budgets.]	8/1/04	9/30/04													0
<b>FY04 Subtotal PPL 14 Tasks</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2004 Planning Schedule and Budget**  
**P&E Committee Recommendation,**  
**Tech Committee Recommendation,**  
**Approved by Task Force,**

06-Aug-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS													
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior					State of Louisiana				EPA	USDA	USDC	Other	Total
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.						
<b>Project and Program Management Tasks</b>																		
PM	14010	Program Management--Coordination	10/1/03	9/30/04														0
PM	14020	Program Management--Correspondence	10/1/03	9/30/04														0
PM	14030	Prog Mgmt--Budget Development and Oversight	10/1/03	9/30/04														0
PM	14040	Program and Project Management--Financial Management of Non-Cash Flow Projects	10/1/03	9/30/04														0
PE	14010	P&E Meetings (7 mtngs; prep and attendance)	10/1/03	9/30/04														0
RP	14010	Corps Prepares and Submits Revisions to Rest. Plan	10/1/03	9/30/04														0
SC	14010	Steering Com Mtngs (4 mtngs; prep and attend) (includes complex project review)	10/1/03	9/30/04														0
TC	14010	Tech Com Mtngs (6 mtngs; prep and attend)	10/1/03	9/30/04														0
TF	14010	Task Force mtngs (4 mtngs; prep and attend)	10/1/03	9/30/04														0
ER	14010	Prepare Evaluation Report (Report to Cong)	10/1/03	9/30/04														0
CN	13010	State Consistency Determination	10/1/03	9/30/04														0
WG	14010	Eng, Env, and Eco Work Groups Review 30% Design for Phase 1 Projects	10/1/03	9/30/04														0
MS	14100	Helicopter Support. Helicopter usage for the PPL process.	10/1/03	9/30/04														0
MS	14010	Miscellaneous Technical Support	10/1/03	9/30/04														0
<b>FY04 Subtotal Project Management Tasks</b>					0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>FY04 Total for PPL Tasks</b>					0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2004 Planning Schedule and Budget**  
**P&E Committee Recommendation,**  
**Tech Committee Recommendation,**  
**Approved by Task Force,**

06-Aug-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS												
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior					State of Louisiana			EPA	USDA	USDC	Other	Total
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.					
<b>SUPPLEMENTAL PLANNING AND EVALUATION TASKS</b>																	
SPE	14150	Link Project Quarterly Status reports and website project fact sheets. [Prospectus, page 23]	10/1/03	9/30/04													0
SPE	14200	Adaptive Management Completion.	10/1/03	9/30/04													0
SPE	14650	Development of Breaux Act oyster relocation plan. Oyster Ad-Hoc committee meetings to determine oyster lease policies for CWPPRA projects.	10/1/03	9/30/04													0
SPE	14600	Establish linkage of CWPPRA and 2050 study efforts. [Buy a seat at 2050 feasibility study table.]	10/1/03	9/30/04													0
SPE	14900	Joint Training of CWPPRA Work Groups. [Agency representatives would participate in training sessions focusing on subjects and issues pertinent to the group development and evaluation of coastal wetlands restoration projects. Examples of potential classes include coastal vegetation planting, dredging project design, marsh creation, hydrologic design, habitat analysis, integrated desktop GIS for resource managers. [Prospectus, page ____]	10/1/03	9/30/04													0
<b>FY04 Total Supplemental Planning &amp; Evaluation Tasks</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FY04 Agency Tasks Grand Total</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2004 Planning Schedule and Budget**  
**P&E Committee Recommendation,**  
**Tech Committee Recommendation,**  
**Approved by Task Force,**

06-Aug-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS													
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior					State of Louisiana							Total	
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA	USDC	Other		
Otrch	14100	Outreach - Committee Funding	10/1/03	9/30/04														0
Otrch	14200	Outreach - Agency	10/1/03	9/30/04														0
Otrch	14300	New Initiative -	10/1/03	9/30/04														0
Otrch	14400	New Initiative -	10/1/03	9/30/04														0
Otrch	14500	New Initiative -	10/1/03	9/30/04														0
																		0
<b>FY04 Total Outreach</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2004 Planning Schedule and Budget**  
**P&E Committee Recommendation,**  
**Tech Committee Recommendation,**  
**Approved by Task Force,**

06-Aug-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS												
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior					State of Louisiana					Total		
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.	EPA	USDA		USDC	Other
Misc	14100	Academic Advisory Group	10/1/03	9/30/04													0
Misc	14200	Core GIS Support for CWPPRA Task Force Planning Activities. NOTE: This is a new task. NWRC combines 3 tasks into this one item: MS 13010 Misc Tech Support; SPE 13100- Desktop GIS System; and PL 13120 Comprehensive Coastal LA Map) [Prospectus, pg ]	10/1/03	9/30/04													0
Misc	14300	Landsat Satellite Imagery Multi-temporal/Multi-seasonal Trend Assessment of Land Loss and Gain Variability Within the Deltaic Plain. [Prospectus, pg ]	10/1/03	9/30/04													0
Misc	14400	Oyster Lease Database Maintenance and Analysis	10/1/03	9/30/04													0
Misc	14700	Continuing the operation of key Terrebonne Basin continuous recording stations where funding is soon to expire (this summer). Maintenance of these, along with Barataria Basin stations, will be critical in planning and evaluating the larger scale projects which will be needed in these areas. [This would involve about 5 continuous salinity and water level stations for about \$100,000 for 1 year. One is at the GIWW at Larose, another is on the HNC near Dulac. The existing stations belong to the Corps, USGS and NRCS. The Tech and P&E asked if the FWS could add this task to the Terrebonne Basin Freshwater Introduction complex project currently under development. If not, it may possibly be included as a Misc Tech task. [Prospectus, pg ]	10/1/03	9/30/04													0
<b>FY04 Total Miscellaneous</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Grand Total FY04</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Coastal Wetlands Planning, Protection, and Restoration Act**  
**Fiscal Year 2004 Planning Schedule and Budget**  
**P&E Committee Recommendation,**  
**Tech Committee Recommendation,**  
**Approved by Task Force,**

06-Aug-03

NOTE: Number shown in parentheses in line item tasks represents the number of meetings for that task.					CWPPRA COSTS												
Task Category	Task No.	Task	Start Date	End Date	Dept. of Interior					State of Louisiana			EPA	USDA	USDC	Other	Total
					USACE	USFWS	NWRC	USGS Woods Hole	USGS BR	DNR	DWF	Gov. Ofc.					

**NOTES:**



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**CONSTRUCTION APPROVAL FOR THE TERREBONNE BAY SHORELINE  
PROTECTION DEMONSTRATION PROJECT (TE-45)**

**For Decision**

Ms. LeBlanc will present a request for construction approval for the Terrebonne Bay Shoreline Protection Demonstration project. The Task Force is asked for approval of \$2,296,721 for this project.

**Recommendation of the Technical Committee**

The Technical Committee recommends the Task Force authorize construction for the Terrebonne Bay Shoreline Protection Demonstration Project (TE-45) contingent upon successful oyster lease negotiations and inclusion of costs for removal of project structures in the budget. The cost to remove structures is \$401,250 (2003 dollars). The revised fully funded cost is \$2,697,971 without inflated cost for removal of structures.

**U.S. FISH AND WILDLIFE SERVICE  
ECOLOGICAL SERVICES**

646 Cajundome Blvd.  
Suite 400  
Lafayette, LA 70506  
(337) 291-3100  
FAX (337) 291-3139



**DATE:** August 6, 2003

**TO:** CWPPRA Task Force Members

The enclosed request for construction approval of the Terrebonne Bay Shore Protection Demonstration Project is amended as follows, as recommended by the Technical Committee at their July 16, 2003 meeting:

- 1) Construction is contingent upon successful negotiation and written acceptance from oyster lessees for compensation of oyster lease impacts.
- 2) The Phase II estimated budget will be increased by \$401,250 to include the estimated cost of structure removal, should that be necessary at the end of the project life. That amount has been added to the Phase II estimated Operation and Maintenance budget. The revised estimated total project cost is \$2,697,971.

Martha Segura  
Project Manager

**U.S. FISH AND WILDLIFE SERVICE  
ECOLOGICAL SERVICES**

646 Cajundome Blvd.  
Suite 400  
Lafayette, LA 70506  
(337) 291-3100  
FAX (337) 291-3139



June 30, 2003

Ms. Julie LeBlanc, P.E.  
Planning and Evaluation Subcommittee  
Louisiana Coastal Wetlands Conservation  
and Restoration Task Force  
c/o Army Corps of Engineers  
Post Office Box 60267, Attn: CEMVN-PM-C  
New Orleans, Louisiana 70160-0267

Dear Ms. LeBlanc:

The U.S. Fish and Wildlife Service (FWS) hereby requests approval to begin construction of the Terrebonne Bay Shore Protection Demonstration Project (TE-45). That demonstration project was authorized by the Louisiana Coastal Wetlands Conservation and Restoration Task Force (Task Force) under the authority of the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA) and is not subject to cash-flow procedures. This request is submitted in accordance with the CWPPRA Project Standard Operating Procedures Manual.

**Phase I Project Description**

The project was approved by the Task Force on January 10, 2001, as part of Priority Project List 10. The project goal is to demonstrate less-costly, effective alternatives to traditional rock rip-rap for protecting and restoring highly erodible bay shorelines. Proposed measures include both onshore and foreshore structures and several methods designed to create intertidal oyster reefs. The project is located north of Terrebonne Bay and east of Bayou Terrebonne along the shores of Lake Barre, in Terrebonne Parish, Louisiana (see attached map). Terrebonne Bay was initially selected for this demonstration project because of high local erosion rates and favorable conditions for oyster growth, and because the area is typical of much of the eroding lake and bay shorelines along the Louisiana coast. Approximately 9,000 linear feet of shoreline would be protected by the various shoreline protection methods. No benefits were calculated for this project via the Wetland Value Assessment methodology because it is a demonstration project.

The total project budget, at the 100 percent funding level (125% funding level in parentheses), is as follows (note that the monitoring budget is kept at the 100 percent level):

Phase I

Estimated Engineering and Design	\$ 266,256	(\$332,820)
Estimated Easements and Land Rights	\$ 123,840	(\$154,800)
Estimated Pre-Construction Monitoring	\$ 85,656	(\$85,656)
Estimated FWS S&A	\$ 34,985	(\$43,731)
Estimated DNR S&A	\$ 17,492	(\$21,865)
Corps Project Management	\$ 665	(\$831)
Total Estimated Phase I	\$ 528,894	

Phase II

Estimated Construction	\$ 731,329	(\$914,161)
Contingency	\$ 182,832	(\$228,540)
Estimated Supervision and Inspection	\$ 66,923	(\$83,654)
Estimated Land Rights (Oyster Costs)	\$ 31,951	(\$39,939)
Estimated FWS S&A	\$ 36,566	(\$45,707)
Estimated DNR S&A	\$ 18,283	(\$22,854)
Corps Project Management	\$ 7,894	(\$9,867)
Estimated Monitoring Costs	\$ 353,000	(\$353,000)
Estimated O & M	\$ 48,700	(\$60,875)
Total Estimated Phase II	\$1,477,478	

Total Fully Funded Cost	\$ 2,006,372
Total Fully Funded Cost (125%)	\$ 2,507,965

**Overview of Phase I Tasks, Process and Issues**

Five sites along the northern edge of Lake Barre were initially selected as potential locations for this demonstration project. Those sites were chosen for several reasons: 1) the general location was in an area where erosion rates were known to be high and where salinities are conducive for oyster reef development; 2) each location consisted of a continuous segment of relatively uniform shoreline of sufficient length to accommodate at least 300 feet of each treatment, along with a control; 3) the five locations were in close enough proximity to avoid unnecessarily high mobilization costs associated with construction. A minimum of three sites would be selected in order to ensure a valid statistical design for treatment comparisons. Selection of the three sites was based on an evaluation using various site parameters such as location, adequate shoreline length (based on updated surveys), landowners, avoidance of potential damage to private oyster leases, utilities that could pose a problem during construction, and any anomalies that could potentially affect the rate of shoreline loss and pose a problem to the statistical analyses (Morris P. Hebert, Inc. 2002).

Eleven different shoreline protection and artificial oyster reef structures were evaluated by Morris P. Hebert, Inc., of Houma, Louisiana. Design criteria included geotechnical investigations to determine the stability and settlement characteristics of the soils supporting each structure type; surveys of marsh elevation and water depth; analysis of mean low and mean high water elevations; and analysis of wind speed and direction. All project features were also required to be constructed using shallow draft equipment. In order to avoid negative impacts on existing oyster leases near the project area, flotation

channels and propwashing for construction access were to be prohibited for this project. The six structures in the preferred alternative were selected based on construction and installation methodology, potential impacts to existing oyster leases, cost, and ease of removal after the demonstration period (Morris P. Hebert, Inc. 2002). The selected project design is presented below.

During the design phase, the issue of whether the structures will have to be removed at the end of the 8-year project life was discussed. We can not determine at this time whether the structures will need to be removed or not. In anticipation that this may be an issue in the future, however, Morris P. Hebert, Inc. has estimated that the cost of removal would be approximately \$401,250, or 75% of the installation cost. If those funds would be needed in the future, we would then make a separate request from the Task Force since there is no money in the existing budget for structure removal.

Request for construction approval was delayed until a CWPPRA-approved oyster damage compensation policy was in place. That policy was approved by the Task Force in April 2003.

### **Description of the Phase II Project**

Each of the proposed project features is designed to reduce the effects of wave energy on the shoreline and to provide a substrate for oyster reef development, utilizing natural processes of oyster settlement and growth to develop a living reef. Those reefs are expected to attenuate wave energy, potentially enhancing the effectiveness of the structures in reducing the rate of erosion and encouraging sedimentation and vegetative growth. Consistent with the recommendations resulting from the Adaptive Management Review of constructed projects, the selected features were designed for a 20-year project life, although this demonstration project will only be monitored for 8 years.

The following techniques were selected in the final design:

- 1) Onshore Submar<sup>TM</sup> pre-cast articulated concrete mattresses.
- 2) Foreshore A-Jacks<sup>TM</sup>, 2 feet high, with geotextile and 6 inches of crushed limestone as a base.
- 3) Foreshore Reef Balls<sup>TM</sup>, 2.5-foot base, placed in three staggered rows.
- 4) Foreshore Reefblks<sup>TM</sup>, 5 feet wide x 2 feet high, placed as recommended by Coastal Environments, Inc. (Gagliano, 1997).
- 5) Foreshore Concrete Frame Structure, 5 feet wide x 10 feet long x 2.5 feet high.
- 6) Onshore Triton<sup>TM</sup> gabion mats filled with crushed stone.

### **Project Costs and Expenditures**

The revised Phase II cost estimates are presented below:

Phase II

Estimated Construction	\$1,047,400
Contingency (15%)	\$ 157,110
Estimated Supervision and Inspection	\$ 66,923
Estimated Land Rights (Oyster Costs)	\$ 31,951
Estimated FWS S&A	\$ 36,566
Estimated DNR S&A	\$ 18,283
Corps Project Management	\$ 7,894
Estimated Monitoring Costs	\$ 353,000
Estimated O & M	<u>\$ 48,700</u>
Total Estimated Phase II	\$1,767,828
Total Project Cost (Phase I + Phase II)	\$ 2,296,721 (114 %)

The checklist of Phase II requirements is enclosed with this letter. Should you have any further questions, please contact Martha Segura (337/291-3110) of this office.

Sincerely,

David W. Frugé  
Supervisor  
Louisiana Field Office

Enclosures

cc: John Saia, COE, New Orleans, LA  
Phil Pittman, DNR/CRD, Baton Rouge, LA  
Bill Good, DNR/CRD, Baton Rouge, LA  
Wes McQuiddy, EPA, Dallas, TX  
Troy Hill, EPA, Dallas, TX  
Britt Paul, NRCS, Alexandria, LA  
Bruce Lehto, NRCS, Alexandria, LA  
Rachel Sweeney, NMFS, Baton Rouge, LA  
Richard Hartman, NMFS, Baton Rouge, LA  
Jeanene Peckham, EPA, Baton Rouge, LA  
Ralph Libersat, DNR/CRD, Baton Rouge, LA

**Checklist of Phase II Request Requirements**

## **Terrebonne Bay Shore Protection Demonstration Project (TE-45)**

### **A. A list of project goals and strategies.**

The goals of this project are to: 1) reduce shoreline erosion along a portion of Terrebonne Bay using a variety of non-traditional shoreline protection techniques; 2) quantify and compare the ability of each of the shoreline protection structures to reduce erosion and enhance oyster production; and, 3) quantify and compare the cost-effectiveness of each shoreline protection treatment in reducing shoreline erosion and enhancing oyster production.

### **B. A statement that the Cost Sharing Agreement between the lead agency and local sponsor has been executed for Phase I.**

A cooperative agreement was executed between LDNR and USFWS on July 24, 2001. That Cost Share Agreement was amended in January of 2002 to include construction costs since demonstration projects are not phased under cash flow management.

### **C. Notification from the State or the Corps that land rights will be finalized in a short period of time after Phase II approval.**

The State Land Office has issued a Letter of No Objection for the placement of project features on state waterbottom. Landrights are also needed from private landowners in the area. Those landrights negotiations are in process and the DNR Landrights office anticipates no problems in obtaining those landrights.

### **D. A favorable Preliminary Design Review (30 Percent Design Level).**

A 30 Percent Design Meeting was held on November 11, 2002, and resulted in favorable reviews of the project design. FWS and LDNR agreed to proceed with the project. No major design issues were identified. The lack of a CWPPRA oyster impact compensation policy was recognized as a potential cause for delay in construction approval.

### **E. A favorable Final Project Design Review (95 Percent Design Level).**

A 95 Percent Design Meeting was held on March 13, 2003, which resulted in favorable reviews of the project design. Construction of the project is contingent on resolution of oyster lease issues.

### **F. A draft of the Environmental Assessment for the project, as required under the National Environmental Policy Act, must be submitted 30 days before the request for Phase II approval.**

A draft Environmental Assessment was sent out for review and comment on April 4, 2003. No negative comments were received and the final EA and FONSI are in preparation.

### **G. A written summary of the finding of the Ecological Review.**

The draft Ecological Review (ER) was completed in March 2003. This review concluded that the goals of comparing the cost-effectiveness and ability of each treatment to reduce shoreline erosion could be met using the proposed design. The ER further acknowledges the uncertainty associated with the proposed treatments because this is a demonstration project designed to test techniques which are

largely unproven.

#### **H. Application for and/or issuance of the public notices for permits.**

All necessary permits to construct this project have been applied for and received. The following documents were received on May 8, 2003:

1. Permit number CY-20-030-0679 from the U.S. Army Corps of Engineers
2. Consistency Determination (C20020576) from the DNR
3. Water Quality Certification (WQC 030114-02) from the DEQ
4. Letter of No Objection (No. 1016) from Terrebonne Parish

#### **I. A statement that a hazardous, toxic and radiological waste (HTRW) assessment has been prepared, if required.**

Based on an initial review of known hazardous waste sites in the project area, the Service sees no need for an HTRW assessment for this project.

#### **J. Section 303(e) approval from the Corps.**

The project is consistent with the requirements of Section 303(e) of CWPPRA. The lands to be benefitted will be administered for the long-term conservation of fish and wildlife populations. A request for Section 303(e) approval was submitted to the Corps on June 26, 2003.

#### **K. Overgrazing determination from the NRCS.**

An overgrazing determination was received from the NRCS on November 7, 2002. The NRCS determined that livestock are not grazing in the project area, nor do they see a potential for grazing once the project is installed.

#### **L. Revised Project cost estimate.**

The revised total budget for Phase II is \$1,767,827, bringing the revised fully funded cost to \$2,296,721 or 114% of the original budget estimate.



M. Estimate of project expenditures by state fiscal year subdivided by funding category.

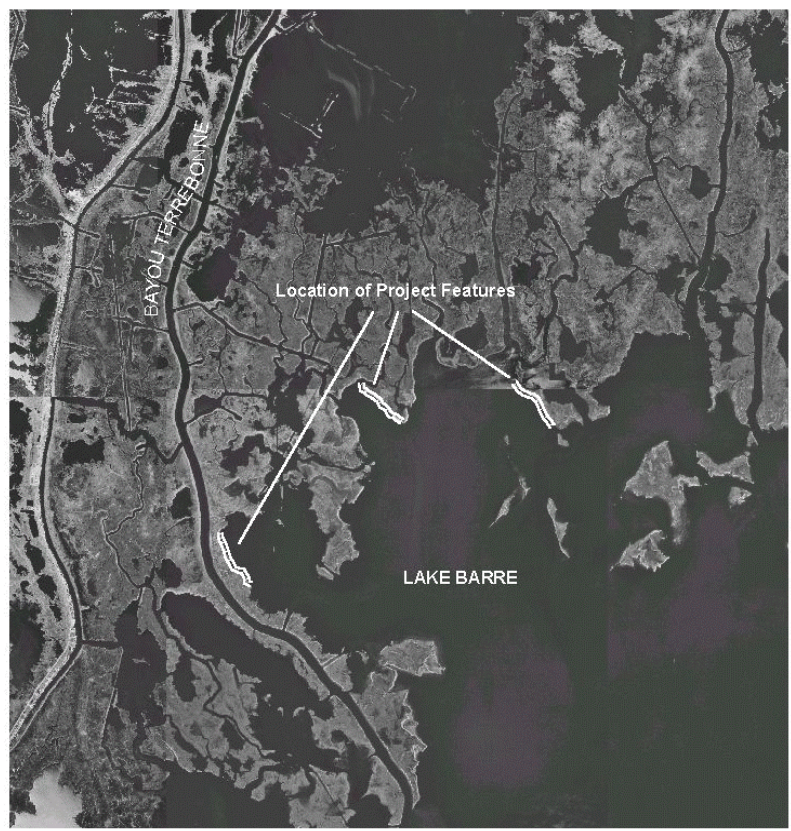
Estimated project expenditures were provided by LDNR and are presented below:

**Terrebonne Bay Shore Protection (Demo) TE-45 PPL10**

Accrued Costs as of June 26, 2003		<u>\$211,117.42</u>
<u>Project Budget 7/1/2003 - 6/30/2004</u>		
Salary		\$10,000.00
Travel		\$510.00
Equipment Usage		\$14,394.00
Biological Monitoring		<u>\$2,121.00</u>
Contractual (Specify)		
1. Landrights	\$7,500.00	
2. Operation Contract	\$5,000.00	
3. Engineering & Design	<u>\$200,000.00</u>	
Total Contractual:		<u>\$212,500.00</u>
Other (Specify)		
1. GIS	\$5,000.00	
2. .	\$0.00	
3. .	<u>\$0.00</u>	
Total Other:		<u>\$5,000.00</u>
Project Total:		<u><u>\$244,525.00</u></u>

**N. A revised Wetland Value Assessment must be prepared if, during the review of the preliminary NEPA documentation, three of the Task Force agencies determine that a significant change in the project scope occurred.**

No WVA is prepared for demonstration projects. Thus, no review of the WVA will be conducted.



Terrebonne Bay  
Shore Protection  
Demonstration Project



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**PHASE II AUTHORIZATION FOR THE BLACK BAYOU BYPASS CULVERTS  
PROJECT (CS-29)**

**For Decision**

Ms. LeBlanc will present a request for approval for Phase II construction of the Black Bayou Bypass Culverts project. The Task Force is asked to approve \$3,543,770 for construction and the first 3 years of OM&M.

**Recommendation of the Technical Committee**

The Technical Committee recommends the Task Force authorize Phase II construction approval for the Black Bayou Bypass Culvert Project (CS-29)

**Information Required for “Cash-flow” Phase Two Authorization Request**  
**Black Bayou Culverts Hydrologic Restoration (CS-29)**

July 10, 2003

**Description of Phase One Project**

The project as selected for Phase One consisted of five, 10-foot by 10-foot or eight, 10-foot - diameter culverts to be installed in Black Bayou at its intersection with Louisiana Highway 384. The objective of the project was to reduce lake shoreline erosion within the Mermentau Lakes Subbasin by lowering water levels in the area. Secondary benefits were envisioned to include maintenance or improvement of wetland plant health. See Attachment A for a project area map.

The WVA predicted that the project would prevent the loss of 540 acres of predominantly fresh marsh and produce 162 Average Annual Habitat Units. At the time of Phase One approval, the cost estimate was as follows:

Phase One Engineering & Design	444,957
Phase One Easements & Land Rights	102,525
Phase One S&A	163,123
Phase One Monitoring	53,571
Phase One Corps Project Management	974
Total Phase One	765,150
Phase Two Construction (includes cont, S&A, S&I)	5,818,696
Phase Two Monitoring	960,634
Phase Two O&M	812,972
Phase Two Corps Project Management	20,152
Total Phase Two	7,612,454
Total Fully Funded Cost	8,377,604

**Overview of Phase One Tasks, Processes, and Issues**

Environmental Compliance Tasks.

The Black Bayou Culverts Hydrologic Restoration Project (CS-29) Environmental Assessment was completed in May 2000. A Finding of No Significant Impact was submitted to the Federal Register on May 24, 2000.

A Section 404 permit was issued on December 10, 1999. A Coastal Use Permit was issued on November 22, 1999. Water Quality Certification was granted on Aug 18, 1999. Since that time, a change in the number and size of culverts, and other changes to be described in the following section, has prompted the need to modify each of these approvals.

The Ecological Review was completed in September 2002, and it did not reveal information sufficient to confirm or refute whether the proposed project will achieve project goals.

Engineering Tasks.

Spreadsheet Model. A spreadsheet-based, submerged-flow, hydraulic model was developed to help determine the optimum number and size of culverts and to predict the effect of the proposed culverts on water levels within the project area. Factors in the model include project area, number of culverts, culvert dimensions, culvert head loss, flapgate head loss, inlet channel characteristics, and Manning’s friction coefficient. Inputs to the model include head differential (generated via hourly stage data from Calcasieu Lock for east/inside gauge versus west/outside gauge), average marsh elevation (1.1 feet NAVD88), and structure closure elevation (0.8 feet NAVD88). Based on concurrence between NRCS and DNR engineers, the area that would be affected by the culverts is 158,086 acres, which is more than double the current official project area of 72,378 acres.

The following procedure was used to determine the optimum number and size of culverts:

1. Hourly stage data (January 1993-May 2000) from the east Calcasieu Lock gauge (inside) was compared to average marsh elevation to identify periods of near continuous marsh inundation for 30 days or more. Five such periods were identified.
2. For each of those periods, the spreadsheet model was run with various numbers of culverts to determine what number of culverts would be required to reduce the periods of near continuous inundation to less than 14 days.
3. For the five periods, the resultant hydrographs demonstrated that from 6 to 12 culverts would cause the desirable reduction in inundation. Ten, 10-foot by 10-foot culverts was selected as optimum.

To assess the overall effect of the proposed culverts on marsh inundation in the project area, the model was run with hourly stage data from Calcasieu Lock (inside vs. outside) for the years 1993, 1996 through 1999, and January through May 23, 2000. The model was not run for 1994 and 1995 because of the extensive amount of missing data (48% and 69%, respectively). Data for May 24, 2000 through December 2000 was not available. The computations and resultant hydrographs demonstrate that inundation periods of 30 days or more or of 14 to 30 can be reduced substantially.

Actual Dates and Duration of Marsh Inundation Without Culverts*		Predicted Duration of Marsh Inundation with Culverts
Dates	Duration (Days)	Duration (Days)
07 Jan 93 – 06 Feb 93	29.8	15.3
06 Apr 93 – 13 May 93	36.9	5.0
19 Jun 93 – 7 Jul 93	18.4	<1
21 Aug 96 – 05 Sep 96	15.2	<1
20 Sep 96 – 25 Nov 96	65.6	23.7
23 Feb 97 – 19 Mar 97	24.3	5.1

24 Apr 97 – 14 May 97	20.5	<3.0
09 Jan 98 – 03 Feb 98	24.3	5.8
10 Sep 98 – 04 Nov 98	55.1	18.5
03 May 00 – 20 May 00	17.7	10.7

Additionally, FTN and Associates were contracted to evaluate the NRCS hydraulic computations. FTN used HECRAS to run an unsteady flow model analysis. The model output data predicted maximum flows for the historical time periods referenced above to be 5000 cfs on average and peaks up to 7000 cfs. Their model tracked nicely with the predictions generated by the NRCS spreadsheet model.

Based on the volume of water predicted to be moved by the culverts and the direction of flow, it was determined that a 360-foot-long steel sheetpile wall would be needed to protect from erosive forces the south bank of Black Bayou / Black Bayou Cut downstream from the culverts. Additionally, upstream from the culverts, approximately 150 feet of rock revetment on the north and south bank of Black Bayou / Black Bayou Cut have been incorporated into the design

To install the culverts at an invert elevation of -9.0 feet NAVD88 and to facilitate water flow upstream and downstream of the culverts, it was determined that approximately 25,000 cubic yards of waterbottom material would need to be excavated.

A geotechnical investigation revealed the presence of soft clay foundation material resulting in the requirement for a pile-supported foundation. Extensive coordination with the Louisiana Department of Transportation and Development has occurred during the structural design and that coordination has also resulted in the addition of a temporary bypass road to maintain traffic flow during construction. The area affected by the bypass road would be restored to pre-project conditions.

#### Landrights Tasks.

A Grant of Particular Use was issued by the State Land Office. The Corps of Engineers has prepared a draft Real Estate Consent for the project which would be located within their channel easement. All surface landowners have been provided with final easements, and all but two owners have signed. Coordination regarding the removal of docks, wharves, and boats is ongoing and making substantial progress.

#### **Description of the Phase Two Candidate Project**

The project as proposed for Phase Two Authorization consists of ten, 10-foot by 10-foot culverts equipped with flapgates that would be locked closed only when interior water levels drop below 0.8 foot NAVD88. Additional project features include a 360-foot-long steel sheetpile wall to protect the south bank of Black Bayou / Black Bayou Cut downstream of the culverts and approximately 150 feet of rock revetment on the north and south bank of Black Bayou / Black Bayou Cut upstream from the culverts.

Approximately 25,000 cubic yards of waterbottom material would be excavated to install the culverts at an invert elevation of -9.0 feet NAVD88 and to facilitate water flow upstream and downstream of the culverts. A temporary bypass road would be constructed to maintain traffic flow during construction. The area affected by the temporary bypass road would be restored to pre-project conditions.

The current cost estimate for construction and three years of monitoring and operation and maintenance is as follows:

Construction (including contingency)	\$3,125,000
S&A	\$ 163,125
S&I	\$ 53,354
Monitoring (Construction + 3 yrs)	\$ 145,709 <sup>a</sup>
Operation and Maintenance (3 yrs)	\$ 53,464
COE Project Management (Const. +3 yrs)	\$ 3,119
Total	\$3,543,771

The estimated balance of funding for the remainder of the project life is as follows: Monitoring -- \$814,925, Operation and Maintenance -- \$759,508, COE Project Management -- \$17,033. Therefore, the current fully-funded estimate for Phase Two of the project is \$5,135,237 versus the original estimate of \$7,612,454.

<sup>a</sup>Upon final Task Force approval of the Coastwide Reference Monitoring System (CRMS) Execution Plan, some or all of the project-specific Monitoring funds could be moved to the "CRMS-Wetland" project, recognizing that either project-specific or programmatic funds should be made available to record water flow (volume/velocity) through the culverts. Water flow data at this location are needed for comparison to pre-project hydraulic model results, adaptive management of this project, and overall water management planning for the Mermentau Basin.

### **Checklist of Phase Two Requirements**

- A. List of Project Goals and Strategies. The goals of the Black Bayou Culverts Hydrologic Restoration Project (CS-29) are to maintain or improve wetland plant health and to reduce lake shoreline erosion within the Mermentau Lakes Subbasin by lowering water levels in the project area.
- B. Cost Sharing Agreement for Phase One. The Cost Sharing Agreement for Phase One of the project was executed between DNR and NRCS on July 25, 2000.
- C. Landrights Notification. LDNR is preparing a letter to the Chairman of the Planning and Evaluation Subcommittee that will report that substantial progress had been made regarding landrights acquisition, that no significant landrights acquisition problems are anticipated, and that DNR is confident that landrights will be finalized in a reasonable period of time after Phase Two Approval.

- D. Favorable Preliminary Design Review. A favorable 30% Design Review for Construction Unit was conducted on September 19, 2002, and a summary of that review was distributed to the Technical Committee on September 30, 2002.
- E. Final Project Design Review. The 95% Design Review was conducted on July 8, 2003, and concluded with LDNR and NRCS concurring that the project should be granted Phase Two Approval.
- F. Environmental Assessment. The Black Bayou Culverts Hydrologic Restoration Project (CS-29) Environmental Assessment was completed in May 2000.
- G. Findings of Ecological Review. The Ecological Review was completed in July 2003, and it did not reveal information sufficient to confirm or refute whether the proposed project will achieve project goals.
- H. Application / Public Notice for Permits. A modification request for the Section 404 permit, CZM Consistency Determination, and Water Quality Certification has been submitted to the Corps of Engineers, DNR-CMD, and the Louisiana Department of Environmental Quality, respectively.
- I. HTRW Assessment. NRCS procedures do not call for an HTRW assessment on this project.
- J. Section 303e Approval. Section 303e approval was granted by the Corps Real Estate Division on June 25, 2003.
- K. Overgrazing Determination. NRCS has determined that overgrazing is not, and is not anticipated to be, a problem in the project area.
- L. Revised Cost Estimate for Phase Two Activities. The current cost estimate for construction and three years of monitoring and operation and maintenance is as follows:

Construction (including contingency)	\$3,125,000
S&A	\$ 163,125
S&I	\$ 53,354
Monitoring (Construction + 3 yrs)	\$ 145,709 <sup>a</sup>
Operation and Maintenance (3 yrs)	\$ 53,464
COE Project Management (Const. +3 yrs)	\$ 3,119
<b>Total</b>	<b>\$3,543,771</b>

The estimated balance of funding for the remainder of the project life is as follows: Monitoring -- \$814,925, Operation and Maintenance -- \$759,508, COE Project Management -- \$17,033. Therefore, the current fully-funded estimate for Phase Two of the project is \$5,135,237 versus the original estimate of \$7,612,454.

<sup>a</sup>Upon final Task Force approval of the Coastwide Reference Monitoring System (CRMS) Execution Plan, some or all of the project-specific Monitoring funds could be moved to the "CRMS Wetland" project, recognizing that either project-specific or programmatic funds should be made available to record water flow (volume/velocity) through the culverts. Water flow data at this location are needed for comparison to pre-project hydraulic model results, adaptive management of this project, and overall water management planning for the Mermentau Basin.

- M. Estimate of Project Expenditures by State Fiscal Year. See Attachment B



- N. Revised Wetland Value Assessment. A revised Wetland Value Assessment will not be performed because no significant change in project scope had occurred.
- O. Agencies should submit a spreadsheet with categorical breakdown for Phase 2. See Attachment c
- P. O&M Plan. A draft O&M Plan was distributed for review at the 95% Design Review meeting.



Natural Resources Conservation Service  
3737 Government Street  
Alexandria, Louisiana 71302

---

July 10, 2003

Ms. Julie LeBlanc, Chair  
CWPPRA Planning and Evaluation Committee  
U.S. Army Corps of Engineers  
P.O. Box 60267  
New Orleans, Louisiana 70160-0267

Dear Ms. Leblanc:

RE: Phase Two Authorization Request for Black Bayou Culverts Hydrologic Restoration Project (CS-29)

The USDA Natural Resources Conservation Service and the Louisiana Department of Natural Resources hereby request the Louisiana Coastal Wetlands Planning, Protection and Restoration Task Force to authorize Phase Two of the Black Bayou Culverts Hydrologic Restoration Project (CS-29) based on the following enclosed information:

- Information Required in Phase Two Authorization Request
- Attachment A. Project Map
- Attachment B. Cost Estimate by Fiscal Year

The project as proposed for Phase Two authorization consists of ten, 10-foot by 10-foot culverts equipped with flapgates that would be locked closed only when interior water levels drop below 0.8 foot NAVD88. Additional project features include a 360-foot-long steel sheetpile wall to protect the south bank of Black Bayou / Black Bayou Cut downstream of the culverts and approximately 150 feet of rock revetment on the north and south bank of Black Bayou / Black Bayou Cut upstream of the culverts.

Approximately 25,000 cubic yards of waterbottom material would be excavated to install the culverts at an invert elevation of -9.0 feet NAVD88 and to facilitate water flow upstream and downstream of the culverts. A temporary bypass road would be constructed to maintain traffic flow during construction. The area affected by the temporary bypass road would be restored to pre-project conditions.

The current cost estimate for construction and three years of monitoring and operation and maintenance is as follows:

Construction (including contingency)	\$3,125,000
S&A	\$ 163,125
S&I	\$ 53,354
Monitoring (Construction + 3 yrs)	\$ 145,709

Operation and Maintenance (3 yrs)	\$ 53,464
COE Project Management (Const. +3 yrs)	\$ 3,119
Total	\$3,543,771

The estimated balance of funding for the remainder of the project life is as follows: Monitoring -- \$814,925, Operation and Maintenance -- \$759,508, COE Project Management -- \$17,033. Therefore, the current fully-funded estimate for Phase Two of the project is \$5,135,237 versus the original estimate of \$7,612,454.

Upon final Task Force approval of the Coastwide Reference Monitoring System (CRMS) Execution Plan, some or all of the project-specific Monitoring funds could be moved to the "CRMS-Wetland" project, recognizing that either project-specific or programmatic funds should be made available to record water flow (volume/velocity) through the culverts. Water flow data at this location are needed for comparison to pre-project hydraulic model results, adaptive management of this project, and overall water management planning for the Mermentau Basin.

In compliance with the CWPPRA Standard Operating Procedures, we request that the Task Force authorize Phase Two of the Black Bayou Culverts Hydrologic Restoration Project (CS-29).

If you have any questions regarding this matter, please call me at (318) 473- 7751.

Sincerely,

Donald W. Gohmert  
State Conservationist

cc (via email):

John Saia, COE, Technical Committee Chairman  
Dr. Bill Good, DNR Technical Committee Member  
Darryl Clark, USFWS Technical Committee Member  
Rick Hartman, NMFS Technical Committee Member  
Troy Hill, EPA, Technical Committee Member  
Phil Pittman, DNR P&E Subcommittee Member  
Ronnie Paille, USFWS P&E Subcommittee Member  
Rachel Sweeney, NMFS P&E Subcommittee Member  
Wes McQuiddy, EPA P&E Subcommittee Member  
Karen Gautreaux, GOCA  
Cynthia Duet, GOCA  
John Lopez, COE  
Britt Paul, ASTC/WR-RD, Alexandria, LA  
Bruce Lehto, ASTC/FO, Leesville, LA  
Charles Starkovich, DC, Lake Charles, LA  
Quin Kinler, RC, Baton Rouge, LA

Ismail Merhi, LDNR, Baton Rouge, LA

## REQUEST FOR PHASE II APPROVAL

**PROJECT:** Black Bayou Culverts Hydrologic Restoration

**PPL:** 9 **Project No.** CS-29

**Agency:** NRCS

**Phase I Approval Date:** Jan-00

**Phase II Anticipated Approval Date:** \_\_\_\_\_

	Original Baseline Phase I (100% Level) 1/	Original Baseline Phase II (100% Level) 2/	Recommended Baseline Phase II (100% Level) 3/	Recommended Baseline Phase II Incr 1 (100% Level) 4/
Engr & Des	444,957.00			
Lands	102,525.00			
Fed S&A	108,749.00	108,750.00	108,750.00	108,750.00
LDNR S&A	54,374.00	54,375.00	54,375.00	54,375.00
COE Proj Mgmt	974.00			
Ph II Const Phase		973.00	973.00	973.00
Ph II Long Term		19,179.00	19,179.00	2,146.00
Const Contract		4,481,774.00	2,500,000.00	2,500,000.00
Const S&I		53,354.00	53,354.00	53,354.00
Contingency		1,120,443.00	625,000.00	625,000.00
Monitoring	53,571.00			
Ph II Const Phase		34,673.00	34,673.00	34,673.00
Ph II Long Term		925,961.00	925,961.00	111,036.00
O&M		812,972.00	812,972.00	53,464.00
<b>Total</b>	<b>765,150.00</b>	<b>7,612,454.00</b>	<b>5,135,237.00</b>	<b>3,543,771.00</b>
<b>Total Project</b>		<b>8,377,604.00</b>	<b>5,900,387.00</b>	<b>4,308,921.00</b>

above cell corrected 7/14/03

**Prepared By:** Quin Kinler

**Date Prepared:** 7/10/2003

**Corrected** 7/14/2003

**NOTES:**

- 1/ Original Baseline Phase I: The project estimate at the time Phase I is approved by Task Force.
- 2/ Original Baseline Phase II: The Phase II estimate reflected at the time Phase I is approved.
- 3/ Recommended Baseline Phase II (100%): The total Phase II estimate at the 100% level developed during Phase I, and presented at the time Phase II approval is requested.
- 4/ Recommended Baseline Phase II Increment 1 (100%): The funding estimate (at the 100% level) requested at the time Phase II approval is requested. Increment 1 estimate includes Phase II Lands, Phase II Fed S&A, Phase II LDNR S&A, Phase II Corps Proj Mgmt, Phase II Construction Costs, Phase II S&I, Phase II Contingency, Phase II Monitoring, 3 years of Long Term Monitoring, 3 years of

Long Term O&M, and 3 years of Long Term Corps PM.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**ADDITIONAL FUNDING FOR THE JONATHAN DAVIS WETLAND RESTORATION  
PROJECT - CONSTRUCTION UNIT 4 (BA-20)**

**For Decision**

Ms. LeBlanc will present a request for approval for additional funding for the Jonathan Davis Wetland Restoration Project - Construction Unit 4 (BA-20). The Task Force is asked for approval of \$16,406,888 in additional funding.

**Recommendation of the Technical Committee**

The Technical Committee recommends additional funding for the Jonathan Davis Wetland Restoration Project - Construction Unit 4 (BA-20), in the amount of \$16,406,888.



Natural Resources Conservation Service  
3737 Government Street  
Alexandria, LA 71302

---

August 6, 2003

Ms. Julie Leblanc  
Chairperson, Planning & Evaluation Subcommittee  
U.S. Army Corps of Engineers  
PO Box 60267  
New Orleans, Louisiana 70160-0267

RE: BA-20 Jonathan Davis Wetland Project Construction Unit #4

Dear Ms. Leblanc:

The Jonathan Davis Wetland Project was approved by the Task Force as part of the second priority project list. The original 125% fully funded cost of this project was \$4,248,625. The project was separated into four construction units.

Unit #1 was comprised of sites #12,13,14,15,16,17, 19, 20 and 21 and completed on September 29, 1998. To complete Unit #2 additional construction funds of \$82,565 were approved on October 4, 2000. Unit #2 was comprised of site 22 and 3,967 linear feet (lf) of shoreline protection and construction was completed on May 29, 2001. Unit #3 was approved in January 2002 at a fully funded cost of \$8,129,600. Construction began on January 28, 2003 and was completed June 30, 2003. Unit 3 consisted of 13,088 lf of shoreline protection. Therefore, the approved project cost to date is 12,460,790.

Approval of Unit #4 is needed to complete the Jonathan Davis Wetland Project. As directed by the Technical Committee, Unit #4 has been evaluated as a "stand-alone" project by the Engineering and Environmental Work Groups.

Based on geotechnical investigations and the evaluation report for the BA-27 test sections, it is proposed that Unit #4 consist of 4,180 lf of rock revetment and 15,110 lf of concrete sheetpile wall. As such Unit #4 is estimated to have a fully funded cost of \$16,406,888. It is projected that Unit #4 would produce 196 acres at the end of 20 years. Its cost effectiveness (AAC/AAHU), is \$13,749, as compared to an average of \$13,389 for the PPL12 selected projects.

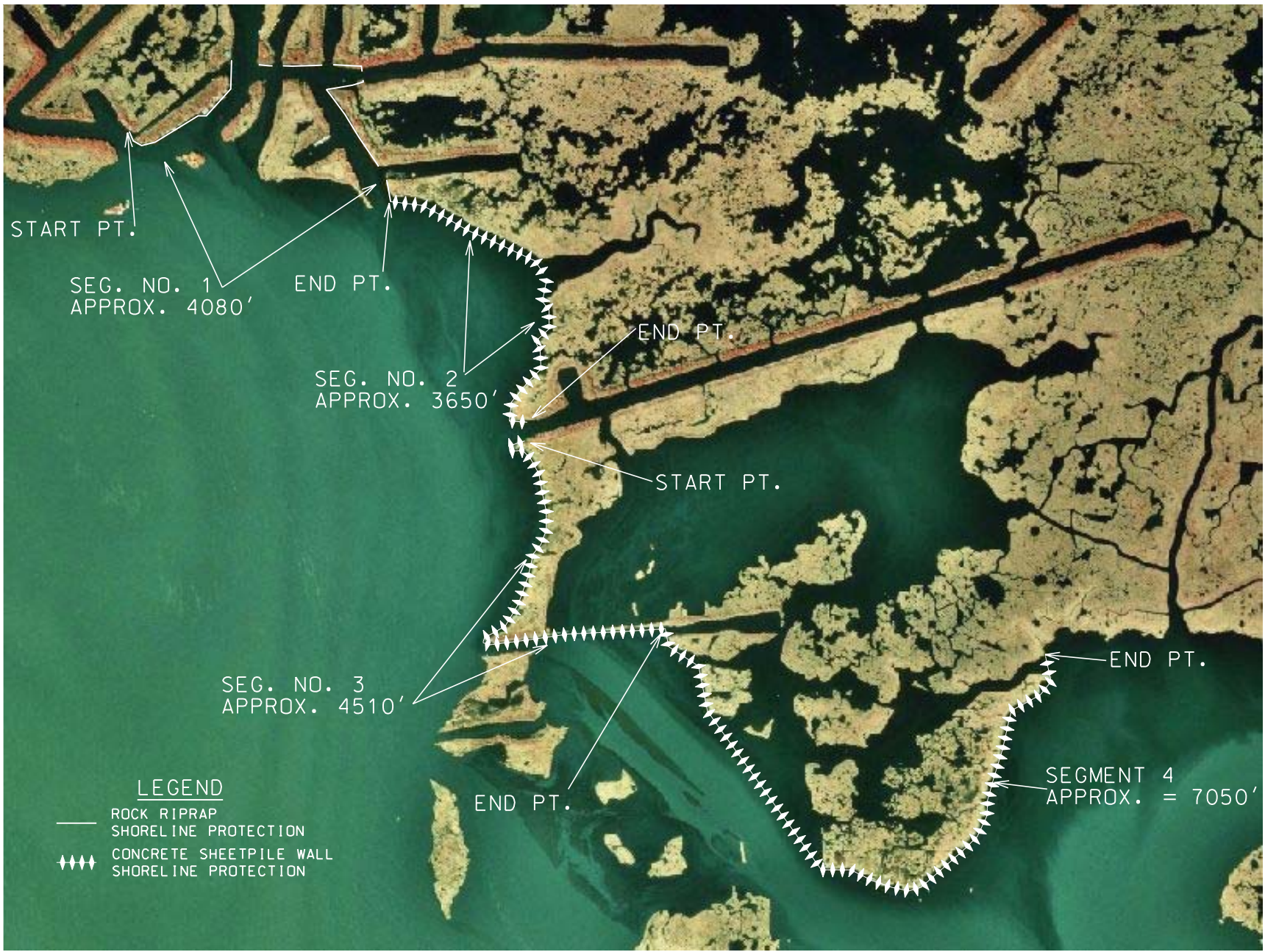
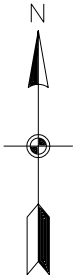
Whereas the cost effectiveness of Unit #4 is about equal to that of the most recently approved group of projects, and whereas completion of the Jonathan Davis Wetland is a critical element of the Barataria Basin Landbridge Concept, we are requesting Technical Committee to recommend to the Task Force that it approve Unit #4. We will be prepared to discuss this at the upcoming Technical Committee meeting. Your attention to this request is appreciated. If you have any questions, please contact me at (318) 473-7816.



Sincerely,

Britt Paul  
Assistant State Conservationist/Water Resources

cc: Donald W. Gohmert, State Conservationist, NRCS, Alexandria, LA  
Randolph Joseph, Assistant State Conservationist/Field Operations-Area 2, Lafayette, LA  
Allen Bolotte, District Conservationist, NRCS, Boutte, LA  
John Jurgensen, NRCS Project Manager, NRCS, Alexandria, LA  
Cherie Lafleur, Civil Engineer, NRCS, Alexandria, LA  
Ismael Merhi, LDNR Project Manager, LDNR-CRD, Baton Rouge, LA  
Quin Kinler, Resource Conservationist, NRCS, Baton Rouge, LA  
CWPPRA Technical Committee  
CWPPRA Planning & Evaluation Subcommittee



START PT.

SEG. NO. 1  
APPROX. 4080'

END PT.

SEG. NO. 2  
APPROX. 3650'

END PT.

START PT.

SEG. NO. 3  
APPROX. 4510'

END PT.

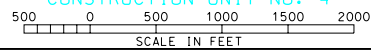
END PT.

SEGMENT 4  
APPROX. = 7050'

**LEGEND**

- ROCK RIPRAP SHORELINE PROTECTION
- CONCRETE SHEETPILE WALL SHORELINE PROTECTION

**JONATHAN DAVIS WETLAND RESTORATION  
CONSTRUCTION UNIT NO. 4**



REVISONS		TITLE	
NO.	DATE	APPR.	TITLE

DESIGNED C. LAFLEUR	DATE 02/03	APPROVED BY E.J. GIERING III	DATE 06/02
DRAWN A.J. GREMILLION	TITLE CONSERVATION ENGINEER	TITLE STATE OF LOUISIANA	TITLE 
TRACED 	CHECKED 		

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE	
PROPOSED SEGMENTS AND ROUTES JONATHAN DAVIS WETLAND RESTORATION BA-20 - CONSTRUCTION UNIT 4. JEFFERSON PARISH, LOUISIANA	
CAD FILENAME JDCU#4PHOTO	PROJECT NO. LA-336
SHEET NO. XX OF XX	

Jonathan Davis Wetland Restoration  
BA-20  
Jefferson Parish, Louisiana

Key to Features

- CU #1 Rook Shoreline Protection
- CU #1 Rook Weir
- CU #1 Rook Altered Plug
- CU #2 Steel Sheetpile Plug
- CU #2 Rook Shoreline Protection
- CU #3 Rook Shoreline Protection
- CU #4 Concrete Panel Sheetpile
- CU #4 Rook Shoreline Protection
- Original Project Boundary

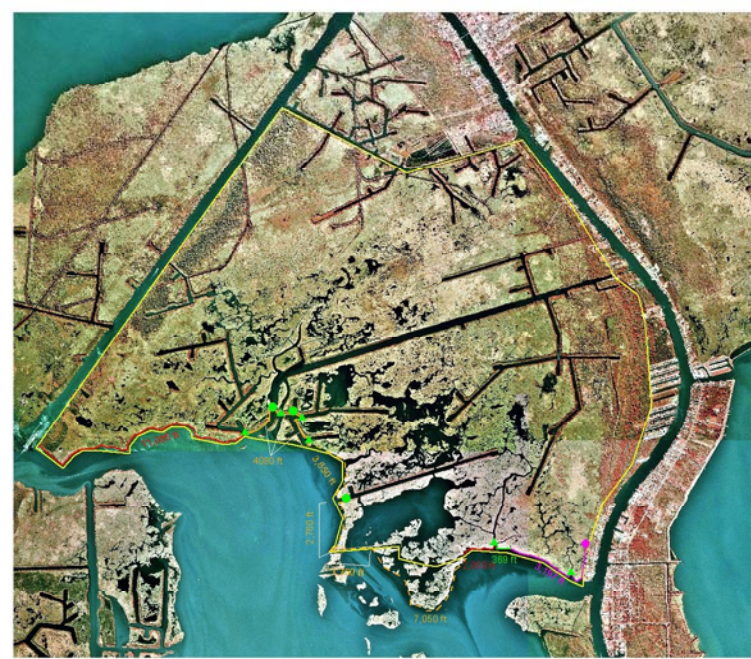


Map Product of  
US Department of Agriculture  
Natural Resource Conservation Service  
Water Resources Planning Staff  
Alexandria, Louisiana

Map Date  
05/05/1999 8000 NAD83 UTM  
and data compiled by NRC3 field personnel



Project Location



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**DE-AUTHORIZATION OF MARSH CREATION SOUTH OF LEEVILLE, (BA-29)**

**For Decision**

Ms. LeBlanc will present a request that Marsh Creation South of Leeville, (BA-29) be de-authorized

**Recommendation of the Technical Committee**

The Technical Committee recommends that the Task Force initiate project de-authorization procedures.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6  
1445 ROSS AVENUE, SUITE 1200  
DALLAS, TX 75202-2733

~~PM-C~~  
PM-C

APR 08 2003

Mr. John Saia, Chairman  
CWPPRA Technical Committee  
Deputy District Engineer  
U.S. Army Engineer District, New Orleans  
P.O. Box 60267  
New Orleans, Louisiana 70160-0267

RE: Request For De-Authorization  
Marsh Creation South of Leeville, (BA-29)

Dear Mr. Saia:

The U.S. Environmental Protection Agency (EPA) and the Louisiana Department of Natural Resources (LDNR), as the Lead Agency and Local Sponsor respectively, are recommending that the above referenced Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) Project, Marsh Creation South of Leeville (BA-29), be de-authorized. As per the CWPPRA "Project Standard Operating Procedures Manual," Section 6(p), this letter serves as the formal request for the de-authorization to the CWPPRA Technical Committee.

The project goals and objective originally included using dredged material from a nearby source to create 153 acres of emergent marsh habitat in a large open water area adjacent to LA Highway 1. However, several challenges have surfaced which have rendered this project impractical which are summarized as follows:

- Engineering and Design: The soil properties were not compatible with given construction budget;
- Land rights: Approximately 450 people have ownership in the project area and an estimated 50-75 of those people have died and successions have never been opened. The resulting land rights effort would require a minimum of two (2) years to complete at a cost of approximately \$200,000;
- Highway 1 Improvements: The future LA-1 bridge encroaches on the project footprint approximately 800 feet;

- Oyster Lease: There is an existing oyster lease with approximately the same footprint as the project;
- Orphaned Wells: There are at least seven (7) orphaned wells within the project footprint which will need to be plugged and abandoned before construction; and,
- Pipelines: There are two (2) pipelines which cross the area, One of these appears to be abandoned. The other carries hydrocarbons from active wells in the area.

Due to the risk and uncertainty associated with the project coupled with the inadequate budget, LDNR and EPA are compelled to recommend that the project be de-authorized. If you have any questions please contact me at the above address or telephone (214)665-6647.

Sincerely,



Troy Hill, Chief  
Coastal Wetlands Section

cc: Bill Good, Administrator  
Louisiana Department of Natural Resources  
PO Box 44487  
Baton Rouge, Louisiana 70804

Mr. Gerry Bodin  
Fish and Wildlife Biologist  
U.S. Fish and Wildlife Service  
646 Cajundome Blvd., Suite 400  
Lafayette, Louisiana 70506

Mr. Britt Paul  
Acting Assistant State Conservationist  
Natural Resources Conservation Service  
Water Resources and Rural Division  
3737 Government Street  
Alexandria, Louisiana 71302

Mr. Rick Hartman  
Fish and Wildlife Biologist  
National Oceanic and Atmospheric Administration  
National Marine Fisheries Service  
c/o Louisiana State University  
Baton Rouge, Louisiana 70803-7535

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**OUT-YEAR FUNDING OF OPERATION, MAINTENANCE, AND MONITORING FOR  
CASH FLOW PROJECTS (PPL 9 AND LATER)**

**For Decision**

Ms. LeBlanc will present the Technical Committee's recommendation for approval of funding requests for operation, maintenance, and monitoring beyond the first three years, applicable to projects on the 9<sup>th</sup> priority list and later.

**Recommendation of the Technical Committee**

The Technical Committee recommends that agencies that have completed construction projects that are on the 9th priority project list or later should prepare a request for action at the winter Technical Committee and Task Force meetings which will detail the amount of money necessary to maintain a three year rolling amount of funds to support operations, maintenance and monitoring for each project. These requests will be grouped with other requests and submitted at the winter Technical Committee and Task Force meetings, and then annually at subsequent winter meetings. The request should be consistent with the previously approved budget for the project, unless additional information can be provided to justify the need for the additional funds. Where the request is more than the amount in the approved project's budget, the Technical Committee should review each specific request to determine if the amount should be approved.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**REQUEST FOR APPROVAL OF EXECUTION PLAN FOR CRMS AND FY04-06 FUNDING**

**For Decision**

Request CWPPRA Task Force to approve the full implementation of CRMS-*Wetlands* as presented at the April 16, 2003 Task Force meeting, including the following recommendations:

- Create a CWPPRA project called “CRMS-*Wetlands*” with the US Army Corps of Engineers as the federal sponsor.
- Use this project to accept funding from annual cashflow requests to fund the programmatic “CRMS-*Wetlands*” program as outlined in Appendix B.
- Maintain the balance of the PPL 1-8 projects in a dedicated account for those projects. Do not cash-flow those monies.

1. Request approval of project-specific cashflow monitoring in the amount of \$155,914, outlined below:

\$24,055	Cash flow request for CS-30 Perry Ridge to Texas (West) (PPL 9)
\$131,859	Cash flow request for PO-27 Chandeleur Islands (PPL 9)
<b>\$155,914</b>	<b>Total request for Project-specific monitoring from new CWPPRA funding</b>

2. Request approval of CRMS-*Wetlands* monitoring in the amount of \$5,636,869, outlined below:

\$12,397,506	Total for CRMS for FY03-06
-\$6,760,637	Existing money available for CRMS from PPL 1-8 project budgets
<b>\$5,636,869</b>	<b>Requested from new CWPPRA funding</b>



“CRMS-*Wetlands*” Execution Plan  
August 14, 2003

Overview

This Execution Plan is an addendum to the “Implementation Plan” that was submitted to and approved by the Task Force on April 16, 2003. The Implementation Plan included a detailed listing of recommended revisions to project-specific monitoring plans resulting from the review of individual projects and the accounting recommendations that are being made to implement CRMS-*Wetlands* as part of the CWPPRA monitoring program.

The Execution Plan provides greater detail on the annual funding requirements for the CWPPRA monitoring program and a timeline for the implementation of activities related to the first 3 years of CRMS-*Wetlands*.

Appendix A is the PPL 1-8 cashflow spreadsheet prepared by Julie LeBlanc (USACE) illustrating what funds are necessary to remain with the project to continue project-specific monitoring, and what funds could be removed from each project and utilized for CRMS-*Wetlands*. Of the Unobligated Monitoring Balance (\$18,886,308), \$12,125,671 is needed for project-specific monitoring and \$6,760,637 is available for CRMS-*Wetlands*.

Appendix B includes a summary of the funding available and the funding needs for CRMS-*Wetlands*.

Appendix C is a timeline outlining the implementation schedule for the first 3 years of CRMS-*Wetlands* (through April 2006).

Background

The CRMS-*Wetlands* proposal has two objectives to strengthen the current CWPPRA monitoring strategy. The first objective is to provide a network or “pool” of reference sites by which to evaluate the effectiveness of projects initiated under CWPPRA. The second objective is to ensure that the comprehensive restoration plan for coastal restoration is effective in restoring hydrologic basins and whole coastal ecosystems not just the areas directly affected by individual projects. The CRMS-*Wetlands* will be coordinated and integrated with the proposed Coastwide Reference Monitoring System-*Waters* (CRMS-*Waters*) program currently being developed for the Louisiana Coastal Area Comprehensive Coastwide Ecosystem Restoration Study (LCA) and will also provide data to fill critical information gaps and support refinement of hydrodynamic and ecological simulation and desktop models developed under the LCA.

Task Force decisions regarding the development of CRMS-*Wetlands* include:

- 2002 - On April 16, 2002, the Task Force approved the following resolution “the Task Force adopt CRMS-*Wetlands* in principle, direct a phased in approach, approve first year authorization, and require an implementation plan ASAP but not later than one year”. This decision approved the initiation of landrights on proposed

CRMS-*Wetlands* stations and the development of a budget neutral implementation plan that clearly demonstrates how CRMS-*Wetlands* and existing CWPPRA monitoring will be integrated.

2003 - On April 16, 2003, the Task Force approved the following resolution “That the Task Force approves CRMS-*Wetlands* as submitted, contingent upon the development of an Execution Plan with the Louisiana Department of Natural Resources and other appropriate participants, to be presented at the August (2003) Task Force meeting. Further, it is the Task Force’s expectation that CRMS-*Wetlands* will be a program having a budget which will be submitted annually for approval by the Task Force.”

This Execution Plan was developed pursuant to the 2003 Task Force directive.

### Landrights

Beginning in April 2002, the Biological Monitoring Section (BMS) of the Coastal Restoration Division (CRD) in Louisiana’s Department of Natural Resources (DNR) and the United States Geological Survey (USGS) began working with CRD’s Land Section to secure landrights for the CRMS-*Wetlands* stations across coastal Louisiana. Based on the large number of landowners, the tremendous additional workload, and the need for expedition of the landowner agreements, CRD’s Land Section hired a new Land Specialist, Macy Dennis, to work exclusively on this project. A contractor, Oil Land Services, was also secured to facilitate agreements with large and small private landowners.

Landrights have been prioritized in order of need from the experimental design: annual inside project and outside project stations, and first year stations were prioritized over second and third year stations. In addition, project areas with existing monitoring stations were reviewed to identify current landrights agreements and whether they could be modified for CRMS-*Wetlands*. Also, CRMS-*Wetlands* stations on State-owned lands were identified and prioritized.

It is expected that landrights for annual stations, and all first year stations will be secured by July 2004, all second year stations will be secured by July 2005, and all third year stations will be secured by July 2006.

### Monitoring Plan Revisions

As directed by the Task Force in April 2002, all existing CWPPRA projects from PPL 1-11 with approved or draft monitoring plans were reassessed and integrated with CRMS-*Wetlands* within the existing budget. The goal is to provide more useful information for modeling efforts and future project planning as well as to meet the monitoring mandates of the Breaux Act. We are currently in the process of revising all of the existing CWPPRA monitoring plans to reflect the recommended changes that were approved by the Task Force agencies. We expect for this activity to be completed by the October 16, 2003 Task Force meeting.

## Budgeting and Accounting

### *Programmatic Budget*

In order to develop a budget neutral plan, a programmatic monitoring budget was determined through the end of the two CWPPRA authorizations (1990-2009). The most conservative approach was used in estimating this figure by calculating the percent of the total CWPPRA construction budget allocated to monitoring through PPL-8 and then using this percentage of the total CWPPRA construction budget available through the end of the second authorization (2009). The average monitoring allocation was 8.8% and the total CWPPRA funds available for constructing projects through the second authorization is \$1.0359 billion. This would establish a monitoring program cap at \$91,048,491, a figure that will not be exceeded in the budget neutral plan.

Monitoring will be conducted on those PPL 1-11 projects constructed as of April 16, 2003 following the recommended plans provided in the "Implementation Plan". All projects constructed after this date will be monitored using only the CRMS-*Wetlands* stations and other available coastwide monitoring applications. The CRMS-*Wetlands* implementation starts in 2003 and will be continued through the monitoring program life. Using this approach, the average annual cost for monitoring at both a project-specific and ecosystem-level totals \$2.91 million per year, keeping the program budget below the previously specified cap.

It is understood that other sources of funding outside CWPPRA, such as LCA, will be solicited to support this effort and reduce the financial burden to CWPPRA monitoring over time. When additional funding is received, CWPPRA monitoring funds will be re-allocated for additional, project-specific, question-specific, or research-oriented monitoring at the discretion of the CWPPRA partners.

### *Project-specific accounting*

Upon completion of the monitoring plan reviews (above), all monitoring budgets were recalculated based on the project recommendations and the monitoring budget was split between the amount needed to continue the modified project-specific monitoring, and the amount that could be allocated to CRMS-*Wetlands*. The difference between the authorized monitoring budget and the revised project-specific monitoring costs became the amount available from each project-specific budget to supplement CRMS-*Wetlands* implementation (Appendix A). This "CRMS-*Wetlands*" amount will be allocated to a "CRMS-*Wetlands*" line-item within each existing monitoring plan budget from PPL's 1-8 and a new purpose code (purpose code 7) will be created to track charges to this CRMS-*Wetlands* budget component. This purpose code will be subset to capture charges among the different field offices and charges will be proportionally distributed among existing projects within each field office until monitoring budgets are expended. This budget tracking system is fully compatible with existing accounting and current Cost Share Agreements (CSAs).

On future projects, the entire monitoring budget will be allocated to CRMS-*Wetlands*. A project will be established entitled "CRMS-*Wetlands*" with the USACE as the federal co-sponsor, and a MOA will be established between DNR and the USACE. On an annual

basis, the USGS/NWRC Monitoring Team Leader and the CRD Monitoring Program Manager will jointly submit a cash-flow budget request to the Task Force for continued funding of the CRMS-*Wetlands* program (Appendix B). CRMS-*Wetlands* accounting will follow the same procedures established for other CWPPRA projects and will be fully compatible with the current budget tracking system.

As directed by the Task Force, this will create a CRMS-*Wetlands* “program” that will be funded by annual cash flow requests, to be approved by the Task Force, and will provide a mechanism for moving funds from project-specific monitoring to programmatic monitoring.

### Timeline

The timeline for CRMS-*Wetlands* implementation activities is dependent upon approval of annual budget requests. The timeline in Appendix C is based on approval of the 2003 budget request. Details of these activities are provided in the CWPPRA Quality Management Plan (Steyer et al. 1995, revised 2000), CRMS proposal (Steyer et al. 2001), and the CRMS Implementation Plan (Raynie and Steyer 2003).

### References

Steyer, G.D., R.C. Raynie, D.L. Steller, D. Fuller, and E. Swenson. 1995 (revised 2000). Quality management plan for Coastal Wetlands Planning, Protection, and Restoration Act monitoring program. Open- File Report 95-01. Baton Rouge: Louisiana Department of Natural Resources, Coastal Restoration Division. 97 pp.

Steyer, G.D., C.E. Sasser, J.M. Visser, E.M. Swenson, J.A. Nyman, and R.C. Raynie. 2001. A Proposed Coast-wide Reference Monitoring System for Evaluating Wetland Restoration Trajectories. Submittal to the Coastal Wetlands Planning, Protection and Restoration Act Task Force. 18 pp.

Raynie, R.C., and G.D. Steyer. 2003. Coast-wide Reference Monitoring Implementation Plan. Submittal to the Coastal Wetlands Planning, Protection and Restoration Act Task Force. 4 pp. plus appendices.

CRMS-Wetlands Decision Request – Revised 8-13-2003

Request recommendation to the CWPPRA Task Force to approve the full implementation of CRMS-Wetlands as presented at the April 16, 2003 Task Force meeting, including the following recommendations:

1. Create a CWPPRA project called “CRMS-Wetlands” with the US Army Corps of Engineers as the federal sponsor.
2. Use this project to accept funding from annual cashflow requests to fund the programmatic “CRMS-Wetlands” program as outlined in Appendix B.
3. Maintain the balance of the PPL 1-8 projects in a dedicated account for those projects. Do not cash-flow those monies.

Request approval of project-specific cashflow and CRMS-Wetlands monitoring in the amount of \$5,792,783.

Project-specific Cash Flow needs (new funds for PPL 9-11 projects)

\$24,055	Cash flow request for CS-30 Perry Ridge to Texas (West) (PPL 9)
\$131,859	Cash flow request for PO-27 Chandeleur Islands (PPL 9)
<b>\$155,914</b>	<b>Total request for Project-specific monitoring from new CWPPRA funding</b>

CRMS-Wetlands needs

\$12,397,506	Total for CRMS for FY03-06
<u>-\$6,760,637</u>	<u>Existing money available for CRMS from PPL 1-8 project budgets</u>
<b>\$5,636,869</b>	<b>Requested from new CWPPRA funding</b>

**NEW money requested for Monitoring**

\$155,914	Cash flow request for PPL 9 projects
\$5,636,869	Cash flow request for CRMS
<b>\$5,792,783</b>	<b>Total Request for new CWPPRA funds</b>

APPENDIX A: CRMS-Wetlands Execution Plan																					
				Amounts as of 12 Jun 03		Monitoring Unobligated Balance				Monitoring Required FY04-06		Additional Amt to Remain with Proj		R=(L-N-F)+(M-O-G)	Amount as of 12 Jun 03				Additional Amt	X=(U-V-W)	
		Const	Const	Monitoring	Monitoring	K=(I-J) and K=(L+M)								Monitoring Amt					to Remain w/	O&M Amount	Comments if Entire Unobligated Balance is Not
		Start	Completion	Estimate	Obligations*	TOTAL	Project-Specific	CRMS	Project-Specific	CRMS	Project-Specific	CRMS	Project-Specific	to Return	O & M	O & M	O & M	O&M Required	Project	to Return	Shown in "Amount to Return" Column
Agency	Project														Estimate	Obligations*	Unoblig Bal*	FY04-06			
COE	Barataria Bay Waterway	22-Jul-96	A	15-Oct-96	A	83,424	64,167	19,257	-	19,257	-	19,257	-	-	-	-	-	-	-	-	-
COE	Bayou Labranche	6-Jan-94	A	07-Apr-94	A	274,024	193,543	80,481	80,481	12,777	-	-	-	67,704	560	560	-	-	-	-	-
COE	Vermilion River	10-Jan-96	A	11-Feb-96	A	91,766	64,957	26,809	26,809	-	9,453	-	-	17,356	496,532	33,635	462,897	462,897	-	-	O&M estimate, shown in blue, means that the agency must first get Task Force approval to exceed 125% baseline cost in order to meet FY04-06 O&M requirements before the estimate can be officially increased.
COE	West Bay	1-Jun-03		30-Oct-04		1,196,946	23,046	1,173,900	1,075,816	98,084	395,146	98,084	-	680,670	15,142,908	-	15,142,908	1,914,100	13,228,808	-	O&M required to meet commitments to navigation industry.
COE	Clear Marais	29-Aug-96	A	03-Mar-97	A	107,218	36,896	70,322	47,602	22,720	18,678	22,720	-	28,924	796,394	2,159	794,235	36,700	-	757,535	
COE	West Belle Pass	10-Feb-98	A	17-Jul-98	A	163,974	97,181	66,793	33,790	33,003	8,290	33,003	-	25,500	434,475	-	434,475	25,600	-	408,875	
COE	Channel Armor	22-Sep-97	A	02-Nov-97	A	393,778	103,230	290,548	191,853	98,695	75,561	98,695	-	116,292	-	-	-	-	-	-	-
COE	MRGO Back Dike	25-Jan-99	A	29-Jan-99	A	26,311	26,311	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COE	Bayou Chevee	25-Aug-01	A	17-Dec-01	A	144,178	31,210	112,968	112,968	-	21,354	-	-	91,614	236,693	-	236,693	14,100	-	222,593	
COE	Flexible Dustpan (DEMO)	3-Jun-02	A	21-Jun-02	A	46,000	557	45,443	-	45,443	-	-	-	-	-	-	-	-	-	-	
COE	Marsh Island	25-Jul-01	A	12-Dec-01	A	673,747	87,709	586,038	332,347	253,691	186,079	253,691	-	146,268	700,000	-	700,000	382,340	-	317,660	
COE	Sabine Refuge Marsh Creation	15-Aug-01	A	30-Sep-06		160,378	27,882	132,496	126,240	6,256	42,889	6,256	-	83,351	50,174	-	50,174	-	-	50,174	
EPA	Isles Dernieres (Ph 0)	16-Jan-98	A	15-Jun-99	A	511,530	399,109	112,421	112,421	-	109,698	-	-	2,723	-	-	-	-	-	-	-
EPA	Isles Dernieres (Ph 1)	27-Jan-98	A	15-Jun-99	A	157,804	123,123	34,681	34,681	-	34,681	-	-	-	-	-	-	-	-	-	-
EPA	Whiskey Island	13-Feb-98	A	15-Jun-00	A	139,313	25,652	113,661	113,661	-	67,897	-	-	45,764	-	-	-	-	-	-	-
EPA	Bayou Lafourche Siphon					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EPA	Miss R Water Reintro into Bayou Lafourche					80,400	-	80,400	-	80,400	-	-	-	-	-	-	-	-	-	-	-
FWS	Bayou Sauvage #1	1-Jun-95	A	30-May-96	A	360,328	118,659	241,669	187,061	54,608	90,632	54,608	-	96,429	294,364	66,144	228,220	77,893	150,327	-	O&M funding is needed for annual pump operation (diesel fuel) and maintenance. These are active structures with continued O&M needs. The FWS is not charging CWP/PRA for any structure operation or maintenance staff time for these projects or the Sabine Structures project below. The staff O&M salary savings represent a savings to CWP/PRA of 100's of thousands of dollars. National Wildlife Refuge budgets have been frugal for O&M, thus we cannot anticipate the Service funding complete O&M costs.
FWS	Cameron Creole	1-Oct-96	A	28-Jan-97	A	374,511	233,250	141,261	45,209	96,052	18,029	96,052	-	27,180	198,245	3,225	195,020	58,560	-	136,460	
FWS	Cameron Prairie	19-May-94	A	09-Aug-94	A	101,177	69,946	31,231	27,239	3,992	6,001	3,992	-	21,238	213,059	19,232	193,827	28,725	-	165,102	
FWS	Sabine Refuge	24-Oct-94	A	01-Mar-95	A	97,382	66,051	31,331	23,212	8,119	8,072	8,119	-	15,140	294,521	8,501	286,020	63,900	-	222,120	
FWS	Bayou Sauvage #2	15-Apr-96	A	28-May-97	A	281,427	70,074	211,353	148,591	62,762	70,700	62,762	-	77,891	367,239	86,750	280,489	69,103	211,386	-	O&M Funding is needed for annual pump operation (diesel fuel) and maintenance. These are active structures with continued O&M needs. The FWS is not charging CWP/PRA for any structure operation or maintenance staff time for these projects or the Sabine Structures project below. The staff O&M salary savings represent a savings to CWP/PRA of 100's of thousands of dollars. National Wildlife Refuge budgets have been frugal for O&M, thus we cannot anticipate the Service funding complete O&M costs.
FWS	Sabine Strucs (Hog Island)	1-Nov-99	A	30-Mar-03	*	836,094	134,054	702,040	222,638	479,402	133,066	479,402	-	89,572	567,987	691	567,296	113,100	454,196	-	Guaranteed O&M funding is needed for ongoing active structure operation and maintenance. Our NRCS consulting engineers have had a difficult time enabling the structures to operate properly due to the sensitive nature of electrical requirements and the logic controllers automatically operating the structures. As a result, we do not anticipate a maintenance-free or low maintenance need in the future. National Wildlife Refuge budgets have been frugal for O&M, thus we cannot anticipate the Service funding complete O&M costs.
FWS	Grand Bayou	1-Apr-05		01-Nov-05		1,225,247	344,513	880,734	880,734	-	293,158	-	-	587,576	3,044,800	-	3,044,800	-	-	3,044,800	
FWS	Lake Boudreaux	1-May-04		01-Jul-05		858,657	63,130	795,527	-	795,527	-	795,527	-	-	3,245,424	-	3,245,424	-	-	3,245,424	
FWS	Nutria Harvest (DEMO)	20-Dec-96	A	30-Sep-02	*	497,816	110,662	387,154	387,154	-	387,154	-	-	-	-	-	-	-	-	-	
NMFS	Atchafalaya Sed Del	25-Jan-98	A	21-Mar-98	A	212,750	97,561	115,189	115,189	-	115,189	-	-	-	452,452	-	452,452	14,100	-	438,352	
NMFS	Big Island Mining	25-Jan-98	A	08-Oct-98	A	205,993	98,368	107,625	107,625	-	94,674	-	7,468	5,483	409,773	-	409,773	26,100	-	383,673	
NMFS	Point Au Fer	1-Oct-95	A	08-May-97	A	112,833	55,181	57,652	32,624	25,028	32,624	25,028	-	-	449,429	-	449,429	209,488	-	239,941	
NMFS	East Timbalier Island #1	1-May-99	A	01-May-01	A	142,636	124,967	17,669	17,669	-	17,669	-	-	-	-	-	-	-	-	-	-
NMFS	Lake Chapeau	14-Sep-98	A	18-May-99	A	748,112	111,711	636,401	591,828	44,573	291,023	44,573	122,689	178,116	429,720	-	429,720	267,520	-	162,200	

Agency	Project	Const Start	Const Completion	Amounts as of 12 Jun 03		Monitoring Unobligated Balance		Monitoring Required FY04-06		Additional Amt to Remain with Proj		R=(L-N-P)+(M-O-Q)		Amount as of 12 Jun 03		U		V		W		X		Comments if Entire Unobligated Balance is Not Shown in "Amount to Return" Column
				Monitoring Estimate	Monitoring Obligations*	K=(I-J) and K=(L+M) TOTAL	Project-Specific	CRMS	Project-Specific	CRMS	Project-Specific	CRMS	Monitoring Amt to Return	O & M Estimate	O & M Obligations*	O & M Unoblig Bal*	O & M FY04-06	O & M to Remain w/ Project	O & M Additional Amt	O & M X=(U-V-W)				
NMFS	Lake Salvador (DEMO)	2-Jul-97	A	30-Jun-98	A	88,809	88,809	-	-	-	-	-	-	-	359,572	-	359,572	162,360	197,212	-	-	-		
NMFS	East Timbalier Island #2	1-May-99	A	31-Dec-03		145,041	31,323	113,718	113,718	-	113,718	-	-	-	-	-	-	-	-	-	-	-		
NMFS	Little Vermilion Bay	10-May-99	A	20-Aug-99	A	143,476	15,235	128,241	109,408	18,833	55,144	18,833	14,406	-	39,858	193,807	-	193,807	29,100	-	164,707	-		
NMFS	Myrtle Grove Siphon					6,152	6,152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NMFS	Black Bayou Hyd Rest	1-Jul-01	A			838,934	73,351	765,583	331,327	434,256	165,566	434,256	5,000	-	160,761	592,986	-	592,986	40,600	5,000	547,386	-	Additional operations and monitoring data is needed at the SR with one additional water level/salinity recorder.	
NMFS	Delta-Wide Crevasses	21-Jun-99	A	31-Dec-14		288,052	17,250	270,802	236,536	34,266	118,344	34,266	-	-	118,192	3,695,207	-	3,695,207	1,464,100	144,872	2,086,235	-	All FY04-06 funds are for second of four construction cycles.	
NMFS	Sediment Trapping at the Jaws	1-Feb-04	A	31-May-04		148,823	2,849	145,974	-	145,974	-	145,974	-	-	-	256,471	-	256,471	14,100	-	242,371	-		
NMFS	Grand Terre Veg Plntgs	1-May-01	A	01-Jul-01	A	146,932	25,205	121,727	121,727	-	51,929	-	-	-	69,798	62,643	-	62,643	-	-	62,643	-		
NMFS	Pecan Island Terracing	15-Dec-02	A	15-Aug-03		151,536	9,777	141,759	141,759	-	114,863	-	-	-	26,896	200,006	-	200,006	14,100	-	185,906	-		
NMFS	Hopedale Hydrologic Rest	1-Apr-03	*	01-Jul-03		641,052	37,876	603,176	303,389	299,787	146,714	299,787	75,000	-	81,675	449,209	-	449,209	29,372	419,837	-	-	Retain \$75,000 in monitoring funds pending confirmation that monitoring requirements will be met through "project specific" monitoring allocation. Retain entire Hopedale O&M estimate to ensure adequate funding to meet obligations to local government and to fulfill federal permit conditions.	
NRCS	BA-2 GIWW to Clovelly	21-Apr-97	A	31-Oct-00	A	1,236,624	344,046	892,578	816,430	76,148	268,600	76,148	-	-	547,830	1,235,079	65,076	1,170,003	637,735	532,268	-	-	As holder of COE permit, Lafourche Parish Council (LPC) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to LPC.	
NRCS	V.P. - Falgout Canal (DEMO)	30-Aug-96	A	30-Dec-96	A	62,994	62,994	-	-	-	-	-	-	-	-	27,885	7,464	20,421	-	-	20,421	-		
NRCS	V.P. - Timbalier Island (DEMO)	15-Mar-95	A	30-Jul-96	A	69,673	69,673	-	-	-	-	-	-	-	-	27,885	24,417	3,468	-	-	3,468	-		
NRCS	V.P. - West Hackberry (DEMO)	15-Apr-93	A	30-Mar-94	A	68,630	68,630	-	-	-	-	-	-	-	-	27,884	27,884	-	-	-	-	-		
NRCS	Boston Canal/Vermilion Bay	13-Sep-94	A	30-Nov-95	A	137,735	116,022	21,713	21,713	-	17,809	-	-	-	3,904	195,775	37,357	158,418	89,600	68,818	-	-	As holder of COE permit, Vermilion Parish Police Jury (VPPJ) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to VPPJ.	
NRCS	Brown's Lake	1-Dec-03		01-Jun-04		820,564	279,805	540,759	493,341	47,418	179,224	47,418	-	-	314,117	432,226	-	432,226	-	-	432,226	-		
NRCS	Caernarvon Divr Outfall	1-Jun-01	A	19-Jun-02	A	837,103	213,899	623,204	257,428	365,776	70,364	365,776	-	-	187,064	1,045,935	30,000	1,015,935	76,287	939,648	-	-	As holder of COE permit, Delacroix Corporation and Gatien Livadais are required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to those parties.	
NRCS	Freshwater Bayou	29-Aug-94	A	15-Aug-98	A	891,466	433,022	458,444	52,157	406,287	18,267	406,287	-	-	33,890	1,306,111	750,504	555,607	555,607	-	-	-	O&M estimate, shown in blue, means that the agency must first get Task Force approval to exceed 125% baseline cost in order to meet FY04-06 O&M requirements before the estimate can be officially increased.	
NRCS	Fritchie Marsh	1-Nov-00	A	01-Mar-01	A	915,647	300,208	615,439	375,372	240,067	99,016	240,067	-	-	276,354	225,211	54,893	170,318	34,100	136,218	-	-	As holder of COE permit, Bogue Chito - Pearl River Soil and Water Conservation District (BC-PRSWCD) required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to BC-PRSWCD.	
NRCS	Hwy 384	1-Oct-99	A	07-Jan-00	A	394,931	265,291	129,640	129,640	-	21,038	-	-	-	108,602	345,898	83,946	261,952	104,300	157,652	-	-	Easement commits to maintaining project in good repair and fit condition. As holder of COE permit, Cam. Par Grav. Drain. Dist. No. 8 is required to maintain project in good condition. Retracting O&M funds would not be in good faith to landowner(s) and CPDD#8.	
NRCS	Jonathan Davis	22-Jun-98	A	01-Jun-03		816,885	298,871	518,014	364,742	153,272	90,288	153,272	-	-	274,454	2,567,921	57,263	2,510,658	346,550	2,164,108	-	-	As holder of COE permit, Jefferson Parish Council (JPC) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to JPC.	
NRCS	Mud Lake	1-Oct-95	A	15-Jun-96	A	1,372,544	814,474	558,070	557,727	343	172,507	343	-	-	385,220	903,451	101,725	801,726	801,726	-	-	-	O&M estimate, shown in blue, means that the agency must first get Task Force approval to exceed 125% baseline cost in order to meet FY04-06 O&M requirements before the estimate can be officially increased.	
NRCS	Brady Canal	1-May-99	A	22-May-00	A	1,084,338	326,876	757,462	699,637	57,825	158,116	57,825	-	-	541,521	1,344,038	140,287	1,203,751	734,622	469,129	-	-	Landowners are party to the Cost Sharing Agreement and are providing the non-Federal share of entire project. Retracting O&M funds would breach the federal (NRCS) and State commitment made to the landowners via the CSA.	
NRCS	Cameron-Creole Maint	30-Sep-97	A	15-Jul-98	A	-	-	-	-	-	-	-	-	-	-	3,736,718	865,905	2,870,813	87,100	2,783,713	-	-	This project was approved solely as a maintenance project as allowed by CWP/PRA. Retracting funds at this time would undermine the intended purpose, which was to ensure continued operation and maintenance of an existing project.	
NRCS	Cote Blanche	25-Mar-98	A	15-Dec-98	A	786,937	321,504	465,433	287,028	178,405	101,858	178,405	-	-	185,170	649,224	397,883	251,341	194,678	56,663	-	-	As holder of COE permit, St. Mary Soil and Water Conservation District (SMSWCD) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to SMSWCD.	

Agency	Project	Start	Const	Completion	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Comments if Entire Unobligated Balance is Not Shown in "Amount to Return" Column									
					Amounts as of 12 Jun 03					Monitoring Unobligated Balance					Monitoring Required FY04-06					Additional Amt to Remain w/ Project					R=(L-N-P)+(M-O-Q)					
					Monitoring	Monitoring	K=(I-J) and K=(L+M)			Project-Specific	CRMS	Project-Specific	CRMS	Project-Specific	CRMS	Project-Specific	CRMS	Monitoring Amt to Return	O & M	O & M		O & M	O&M Required FY04-06	to Remain w/ Project	O&M Amount to Return					
					Estimate	Obligations*	TOTAL												Estimate	Obligations*		Unoblig Bal*								
NRCS	West Pointe-a-la-Hache Outfall				837,055	27,397	809,658	259	809,399	259	809,399	-	-	-	829,138	-	829,138	-	-	-	829,138									
NRCS	Barataria Bay Waterway (West)	1-Jun-00	A	01-Nov-00	A	131,332	87,439	43,893	23,988	19,905	23,988	19,905	-	-	-	746,260	57,087	689,173	62,600	626,573	-	Easement commits to maintaining project in good repair and fit condition. As holder of COE permit, Jefferson Parish Council (JPC) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to landowner(s) and JPC.								
NRCS	Perry Ridge	15-Dec-98	A	15-Feb-99	A	153,704	77,555	76,149	76,149	-	29,154	-	-	-	46,995	424,509	26,930	397,579	384,807	12,772	-	Easement commits to maintaining project in good repair and fit condition. Retracting O&M funds at this time would not be in good faith to landowner(s).								
NRCS	Plowed Terraces (DEMO)	30-Apr-99	A	31-Aug-00	A	41,453	26,512	14,941	14,941	-	14,941	-	-	-	-	3,972	2,937	1,035	-	1,035	-	As holder of COE permit, the landowner (formerly Amoco) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to the landowner.								
NRCS	Freshwater Bayou Bank Stab	15-Feb-98	A	15-Jun-98	A	56,748	35,429	21,319	21,319	-	6,001	-	-	-	15,318	575,510	25,878	549,632	402,329	147,303	-	Easement commits to maintaining project in good repair and fit condition. As holder of COE permit, Vermilion Corporation (VC) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to VC.								
NRCS	Naomi Outfall Management	1-Jun-02	A	15-Jul-02	A	589,170	94,892	494,278	342,026	152,252	143,752	152,252	-	-	198,274	488,980	2,391	486,589	43,100	443,489	-	Easement commits to maintaining project in good repair and fit condition. Retracting O&M funds at this time would not be in good faith to landowner(s).								
NRCS	Raccoon Island Breakwaters (DEMO)	21-Apr-97	A	31-Jul-97	A	192,384	153,919	38,465	38,465	-	38,465	-	-	-	-	29,034	14,934	14,100	14,100	-	-	Easement commits to maintaining project in good repair and fit condition. Retracting O&M funds at this time would not be in good faith to landowner(s).								
NRCS	Sweet Lake/Willow Lake	1-Nov-99	A	02-Oct-02	A	161,249	24,060	137,189	102,359	34,830	23,528	34,830	-	-	78,831	478,513	21,950	456,563	14,100	442,463	-	Easement commits to maintaining project in good repair and fit condition. Retracting O&M funds at this time would not be in good faith to landowner(s).								
NRCS	Barataria Bay Waterway (East)	1-Dec-00	A	31-May-01	A	78,790	78,790	-	-	-	-	-	-	-	-	1,228,500	38,579	1,189,921	264,100	925,821	-	Easement commits to maintaining project in good repair and fit condition. As holder of COE permit, Jefferson Parish Council (JPC) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to landowner(s) and JPC.								
NRCS	Chenièrre au Tigre (DEMO)	1-Sep-01	A	02-Nov-01	A	64,729	26,629	38,100	38,100	-	38,100	-	-	-	-	22,975	9,475	13,500	13,500	-	-	Easement commits to maintaining project in good repair and fit condition. As holder of COE permit, Vermilion Parish Police Jury (VPPJ) is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to VPPJ.								
NRCS	Oaks/Avery Canals	15-Apr-99	A	11-Oct-02	A	673,700	61,464	612,236	480,579	131,657	221,081	131,657	-	-	259,498	323,000	15,304	307,696	14,100	293,596	-	Easement commits to maintaining project in good repair and fit condition. As holder of COE permits, Jefferson Parish Council (JPC) and Lafourche Parish Council (LPC) are required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to JPC and LPC.								
NRCS	Penchant Basin	1-Jan-05		30-Sep-05		855,145	3,031	852,114	-	852,114	-	852,114	-	-	-	1,855,804	-	1,855,804	-	-	1,855,804									
NRCS	Barataria Basin LB - Ph 1 & Ph 2	1-Dec-00	A	31-Oct-04		168,650	45,053	123,597	123,597	-	67,689	-	-	-	55,908	1,525,609	50,243	1,475,366	34,100	1,441,266	-	As holder of COE permits, Jefferson Parish Council (JPC) and Lafourche Parish Council (LPC) are required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to JPC and LPC.								
NRCS	Thin Mat Flotant Marsh (DEMO)	15-Jun-99	A	10-May-00	A	471,925	245,983	225,942	225,942	-	225,942	-	-	-	-	-	-	-	-	-	-	Easement commits to maintaining project in good repair and fit condition. As holder of COE permits, Cameron Parish Drainage District No. 5 is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to CPDD#5.								
NRCS	Humble Canal Hydrologic Rest	1-Jul-02	A	01-Mar-03	A	674,821	72,303	602,518	552,512	50,006	179,479	50,006	-	-	373,033	239,858	-	239,858	45,100	194,758	-	As holder of COE permits, Louisiana Department of Wildlife and Fisheries is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to LDWF.								
NRCS	Lake Portage Land Bridge - Ph 1	15-Feb-03	A	01-May-03		87,096	6,483	80,613	31,119	49,494	25,400	49,494	-	-	5,719	105,143	-	105,143	14,100	91,043	-	Easement commits to maintaining project in good repair and fit condition. As holder of COE permits, Louisiana Department of Wildlife and Fisheries is required to maintain project in good condition. Retracting O&M funds at this time would not be in good faith to LDWF.								
	Total				27,638,583	8,292,781	19,345,802	12,559,876	6,785,926	5,541,640	6,785,926	224,563	-	6,793,673	56,582,696	3,131,209	53,451,487	10,486,299	26,739,974	16,225,214										
* Obligations are shown for all agencies, with the exception on NMFS. Expenditures are shown for NMFS. NOTE: Cells shown in blue are for projects which must first get Task Force approval to exceed 125% baseline cost in order to meet FY04-06 O&M requirements.																														



**APPENDIX B: CRMS-Wetlands Execution Plan**

**CRMS-Wetlands BUDGETING**

Monitoring Program NTE		\$ 91,048,941			
Obligated*		\$ 8,766,084			
Unobligated		\$ 18,886,308			
FY 03-06	Project-specific (project portion)	\$ 5,252,636			
	Project-specific (CRMS portion)	\$ 6,760,637			
	To remain with projects	\$ 6,873,035			
	Balance	\$ -			
Remaining \$\$ needed to fund CRMS		\$ 63,396,549			

	State Fiscal Year	State Fiscal Year	Project-Specific Monitoring (PPL 1-8)	Project-Specific Monitoring (PPL 9-11)	CRMS-Wetland	Annual Budget Request
** a.	Funding 2003	2003-2006	\$ 5,252,636	\$ 703,863	\$ 12,397,506	\$ 18,354,005
b.	Funding 2004	2007	\$ 469,660	\$ 181,544	\$ 2,514,318	\$ 3,165,522
c.	Funding 2005	2008	\$ 601,897	\$ 136,773	\$ 2,100,108	\$ 2,838,778
d.	Funding 2006	2009	\$ 559,000	\$ 161,737	\$ 2,802,714	\$ 3,523,451
e.	Funding 2007	2010	\$ 520,908	\$ 75,852	\$ 2,238,647	\$ 2,835,407
f.	Funding 2008	2011	\$ 583,704	\$ 84,713	\$ 2,138,719	\$ 2,807,136
g.	Funding 2009	2012	\$ 799,289	\$ -	\$ 3,821,901	\$ 4,621,190
h.	Funding 2010	2013	\$ 426,766	\$ 124,256	\$ 2,331,954	\$ 2,882,976
i.	Funding 2011	2014	\$ 429,539	\$ 13,226	\$ 2,790,513	\$ 3,233,278
j.	Funding 2012	2015	\$ 526,838	\$ 68,969	\$ 2,963,153	\$ 3,558,960
k.	Funding 2013	2016	\$ 777,023	\$ 105,391	\$ 2,441,166	\$ 3,323,580
l.	Funding 2014	2017	\$ 511,412	\$ 15,809	\$ 2,380,992	\$ 2,908,213
m.	Funding 2015	2018	\$ 565,656	\$ 100,805	\$ 3,722,633	\$ 4,389,094
n.	Funding 2016	2019	\$ 347,645	\$ 21,729	\$ 3,103,383	\$ 3,472,757
o.	Funding 2017	2020	\$ 56,613	\$ 6,706	\$ 2,425,820	\$ 2,489,139
p.	Funding 2018	2021	\$ 104,047	\$ 23,093	\$ 3,074,419	\$ 3,201,559
q.	Funding 2019	2022	\$ -	\$ 14,143	\$ 2,687,613	\$ 2,701,756
r.	Funding 2020	2023	\$ 89,311	\$ 57,962	\$ 2,594,557	\$ 2,741,830
s.	Funding 2021	2024	\$ 9,384	\$ 9,384	\$ 3,893,980	\$ 3,912,748
t.	Funding 2022	2025			\$ 931,322	\$ 931,322
u.	Funding 2023	2026			\$ 847,474	\$ 847,474
v.	Funding 2024	2027			\$ 958,281	\$ 958,281
w.	Funding 2025	2028			\$ 944,525	\$ 944,525
x.	Funding 2026	2029			\$ 784,602	\$ 784,602
	<b>Total</b>		<b>\$ 12,631,328</b>	<b>\$ 1,905,955</b>	<b>\$ 66,890,300</b>	<b>\$ 81,427,583</b>
	<b>Prior Expenditures (through June 30, 2003)</b>		<b>\$ 8,766,084</b>	<b>\$ 348,082</b>		
	Non-requested funds					\$ 507,192

\* Obligations through June 12, 2003

\*\* Funding sources:

- a. Project-specific monitoring to be funded from existing PPL 1-11 project funds  
CRMS funding from the following:
 

\$ 6,760,637	CRMS portion from existing project-specific (PPL 1-8) CRMS savings
\$ 5,636,869	From new CWPPRA funding
<u>\$ 12,397,506</u>	

b.-s. Project-specific monitoring to be funded from existing PPL 1-11 project funds; CRMS funding from new money

**CRMS-Wetland Accounting**

- 1) Utilize existing cost-share agreements for constructed PPL 1-8 projects and account based on existing monitoring budgets
- 2) For PPL 9-11 projects currently in Phase 2, continue to utilize the existing CSAs.
- 3) For PPL 9-11 projects not in Phase 2, and all other projects beyond PPL 11, set up one CSA for CRMS-Wetland with USACE as the sponsor. Amend each year by putting in annual budget addition from Cash Flow request.
- 4) Maintain the balance of the PPL 1-8 projects in a dedicated account for those projects. Do not cash-flow those monies.

**APPENDIX C: CRMS-Wetlands EXECUTION PLAN**

		Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06		
Task Force Approval of CRMS-Wetland Landrights																																								
	Initiate Landrights																																							
	Preliminary Landowner Identification																																							
	If Landowner does not want to assign landrights, then DNR will service																																							
	Prioritize Annual, Year 1, Barataria Basin, Year 2, 3																																							
	State-owned Lands (DNR)																																							
	Annual, Year 1, Barataria Basin																																							
	Year 2																																							
	Year 3																																							
	Landowners within existing projects (DNR)																																							
	Annual, Year 1, Barataria Basin																																							
	Year 2																																							
	Year 3																																							
	Large Landowners (contractor)																																							
	Annual, Year 1, Barataria Basin																																							
	Year 2																																							
	Year 3																																							
	Small Landowners (contractor)																																							
	Annual, Year 1, Barataria Basin																																							
	Year 2																																							
	Year 3																																							
Monitoring Plan revisions																																								
	Anything authorized for construction before 4/16/03, MR-03, TV-18, and Demo's will have old Monitoring Plan Format																																							
	Develop recommendations for CRMS/Project specific integration																																							
	Revise budgets based on recommendations																																							
	Review recommendations with individual agencies																																							
	Revise monitoring plans based on agency recommendations																																							
	Revise budgets based on revised recommendations and on updated USACE numbers																																							
	Develop revised Post-CRMS Monitoring Plan Format																																							
Budget accounting																																								
	Identify available budgets (based on Gay's numbers and revised Monitoring Plans)																																							
	Identify method of charging (project-specific, create CRMS project, etc)																																							
	Existing Projects & Budgets: CRMS line-item, dedicated purpose code																																							
	New Projects & Budgets: Project monitoring will be CRMS-Wetland																																							
	Create CRMS-Wetland project																																							

**APPENDIX C: CRMS-Wetlands EXECUTION PLAN**

	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06			
<b>Field Methodologies</b>																																								
Identify site-specific configurations and equipment needs																																								
Surface Water Salinity and Water Level																																								
SET/Feldspar/marsh mat movement (mat thickness, depth to sediment)																																								
Vegetation																																								
Boardwalks																																								
Pore Water device																																								
Cores for initial station establishment																																								
Aerial Photography																																								
Satellite imagery																																								
Vegetation in Swamps																																								
Station installation protocol																																								
Quality Management Plan (completed prior to April 2003)																																								
<b>Contracting</b>																																								
Contracts for station installation and servicing																																								
Contract for QA/QC																																								
Contracts for data analysis and report writing assistance																																								
Indefinite Deliverable (Ecological Consulting) contracts																																								
<b>Station Installation</b>																																								
Prioritize annual, Barataria Basin, year 1, year 2, year 3																																								
Install stations in existing project areas																																								
Install stations on state-owned lands																																								
Install stations on large landowner's property																																								
Install stations on small landowner's property																																								
<b>Data Collection and Management</b>																																								
TRAINING for contractors and CRD personnel collecting data																																								
SET/feldspar Data Collection																																								
Vegetation/pore water salinity Data Collection																																								
Sonde Servicing																																								
Spatial Data - photography																																								
collection																																								
processing																																								
Spatial Data - imagery																																								
collection																																								
processing																																								

**APPENDIX C: CRMS-Wetlands EXECUTION PLAN**

		Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06
<b>Evaluation Reports</b>																																						
	Summary Data and Graphics by station																																					
	Develop format																																					
	Develop automation																																					
	Generate reports																																					
	Comprehensive Coastwide Report																																					
	Identify Report Teams (basin, or field-office level)																																					
	Development of report outline																																					
	Development of analytical procedures																																					
	Writing background and introductory materials																																					
	Data analysis																																					
	Report writing																																					
	Internal Review																																					
	Agency Review																																					
	Report revisions																																					
	Report publication																																					
	Report to Task Force																																					
	Task Force Meeting Dates:																																					
	August 14 and October 16, 2003																																					
	January 28, April 14, August 18 and October 13, 2004																																					
	January 26, 2005																																					

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**STATUS OF THE WEST BAY SEDIMENT DIVERSION (MR-03)**

**For Report**

Mr. Miller will provide an update on the contract advertisement, award, and construction schedule for the West Bay Sediment Diversion project.

**West Bay Sediment Diversion (MR-3)**  
**Plaquemines Parish, Louisiana**  
**Mississippi River Delta**

**Lead Agencies:** U.S. Army Corps of Engineers and LA Department of Natural Resources

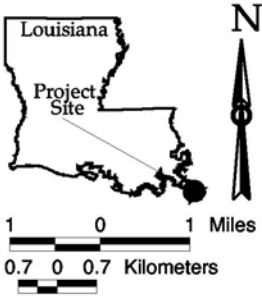
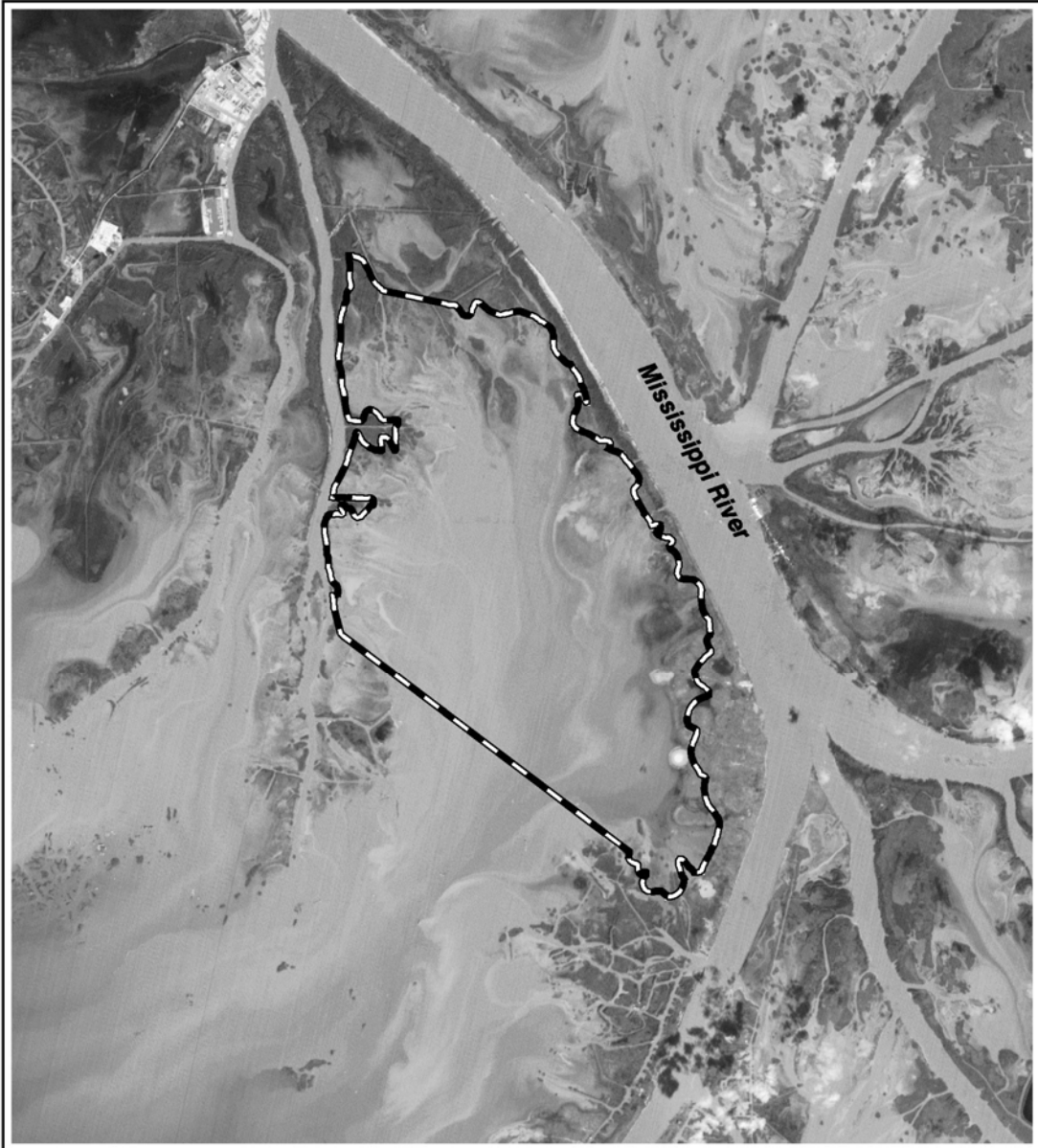
**Project Location:** The project site is located in Plaquemines Parish, Louisiana, on the west bank of the Mississippi River at Mile 4.7 Above Head of Passes (AHP), and would divert water and sediments into West Bay, on the west side of the River.

**Project Purpose:** The objective is to restore vegetated wetlands in shallow open water. Plans call for the diversion of riverine sediments and fresh water to create, nourish, and maintain about 10,000 acres of fresh to intermediate marsh in the West Bay area over the 20-year project life.

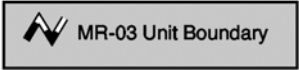
**Project Features:** The project includes a conveyance channel for a large-scale diversion of water and sediments from the River. The sediment diversion channel would be constructed in two phases: 1) Construction of an interim diversion channel to accommodate a discharge of 20,000 cubic feet per second (cfs) at the 50 percent duration stage of the Mississippi River, and 2) Modification of the interim diversion channel design to accommodate full-scale diversion of 50,000 cfs at the 50 percent duration stage of the Mississippi River. The enlargement phase will be built upon completion of a period of intensive monitoring of the diversion operations. Prior to construction of the diversion channel, a large natural gas pipeline located in the outfall channel pathway will be lowered for safety reasons [completed May 2003]. Contingency plans for closing the diversion conveyance channel would be implemented if hydrographic monitoring of the Mississippi River navigation channel indicates the thalweg of the river is migrating toward the diversion channel or if shoaling substantially increases in the navigation channel downstream of the diversion. Modeling indicates that the sediment diversion would induce shoaling between river miles 1.5 and 5.0 AHP in the navigation channel of the Mississippi River; operation and maintenance funds have been set aside to address shoaling in the Pilottown Anchorage Area associated with the diversion.

**Project Costs:** The estimated cost of the project, including real estate, environmental compliance, engineering and design, relocations, construction, monitoring, and O&M expenses, is \$22,306,712.00

**Information:** Additional information on this project is available on the LACOAST.GOV website or may be obtained by contacting Gregory Miller at 504-862-2310 or [Gregory.B.Miller@mvn02.usace.army.mil](mailto:Gregory.B.Miller@mvn02.usace.army.mil).



Data Source:  
U.S. Dept. of the Interior  
U.S. Geological Survey  
National Wetlands Research Center  
Coastal Restoration Field Station  
Map ID: 20004094  
Date: 12/16/99



**Coastal Wetlands Conservation and Restoration Plan Priority Project List I  
West Bay Sediment Diversion**

Project Construction Years:	1	Total Project Years	21
Interest Rate	5.875%	Amortization Factor	0.086302
Fully Funded First Costs	\$12,103,100	Total Fully Funded Costs	\$26,765,500

Annual Charges	<u>Present Worth</u>	<u>Average Annual</u>
First Costs	\$12,920,137	\$1,115,033
Monitoring	\$931,777	\$80,414
O & M Costs	\$6,302,954	\$543,957
Other Costs	<u>\$7,706</u>	<u>\$665</u>
Total	\$20,162,600	\$1,740,100
Average Annual Habitat Units		132
Cost Per Habitat Unit		\$13,215
Total Net Acres		143



## Coastal Wetlands Conservation and Restoration Plan West Bay Sediment Diversion

### Project Costs

Year	Fiscal Year	E&D	Land Rights	Federal S&A	LDNR S&A	Corps Proj. Man.	Monitoring	S&I	Contingency	Construction Costs	Total First Cost	
<b>Phase I</b>												
5	Compound	1999						-		\$0	\$0	
4	Compound	2000						-		\$0	\$0	
3	Compound	2001						-		\$0	\$0	
2	Compound	2002	\$1,170,564	\$203,271	\$0	\$0	\$25,046	-		\$0	\$1,398,881	
TOTAL			\$1,170,564	\$203,271	\$0	\$0	\$25,046	\$0	\$0	\$0	\$1,398,881	
<b>Phase II</b>												
4	Compound	2000									\$0	
3	Compound	2001									\$0	
2	Compound	2002									\$0	
1	Compound	2003	30,000.00	2,370,000.00		\$665	45,468	\$184,800	\$1,618,240	\$6,472,961	\$10,722,134	
TOTAL			\$30,000	\$2,370,000	\$0	\$0	\$665	\$45,468	\$184,800	\$1,618,240	\$6,472,961	\$10,722,134
Total First Costs			\$1,200,564	\$2,573,271	\$0	\$0	\$665	\$70,514	\$184,800	\$1,618,240	\$6,472,961	\$12,121,015
Year	FY	Monitoring	O&M	Corps PM	Other							
1	Discount	2004	145,468	\$114,897	\$665	-						
2	Discount	2005	\$145,468	\$114,897	\$665	-						
3	Discount	2006	70,468	\$1,587,858	\$665	-						
4	Discount	2007	\$70,468	\$114,897	\$665	-						
5	Discount	2008	\$70,468	\$557,749	\$665	-						
6	Discount	2009	\$70,468	\$1,542,258	\$665	-						
7	Discount	2010	\$70,468	\$69,297	\$665	-						
8	Discount	2011	\$70,468	\$69,297	\$665	-						
9	Discount	2012	\$70,468	\$1,542,258	\$665	-						
10	Discount	2013	\$70,468	\$512,149	\$665	-						
11	Discount	2014	\$70,468	\$69,297	\$665	-						
12	Discount	2015	\$70,468	\$1,542,258	\$665	-						
13	Discount	2016	\$70,468	\$69,297	\$665	-						
14	Discount	2017	\$70,468	\$69,297	\$665	-						
15	Discount	2018	\$70,468	\$1,985,110	\$665	-						
16	Discount	2019	\$70,468	\$69,297	\$665	-						
17	Discount	2020	\$70,468	\$69,297	\$665	-						
18	Discount	2021	\$70,468	\$69,297	\$665	-						
19	Discount	2022	\$70,468	\$69,297	\$665	-						
20	Discount	2023	\$0	\$69,297	\$665	-						
Total			\$1,488,892	\$10,307,300	\$13,300	\$0						

## Coastal Wetlands Conservation and Restoration Plan West Bay Sediment Diversion

Present Valued Costs		Total Discounted Costs			\$20,162,574	Amortized Costs					\$1,740,069	
Year	Fiscal Year	E&D	Land Rights	Federal S&A	LDNR S&A	Corps Proj. Man.	Monitoring	S&I	Contingency	Construction Costs	Total First Cost	
<b>Phase I</b>												
5	1.330	1999	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
4	1.257	2000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3	1.187	2001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2	1.121	2002	\$1,312,146	\$227,856	\$0	\$0	\$28,075	\$0	\$0	\$0	\$1,568,078	
Total			\$1,312,146	\$227,856	\$0	\$0	\$28,075	\$0	\$0	\$0	\$1,568,078	
<b>Phase II</b>												
4	1.257	2000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3	1.187	2001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2	1.121	2002	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
1	1.059	2003	\$31,763	\$2,509,238	\$0	\$0	\$704	\$48,139	\$195,657	\$1,713,312	\$6,853,247	
Total			\$31,763	\$2,509,238	\$0	\$0	\$704	\$48,139	\$195,657	\$1,713,312	\$6,853,247	
Total First Cost			\$1,343,909	\$2,737,094	\$0	\$0	\$704	\$76,214	\$195,657	\$1,713,312	\$6,853,247	
<b>Annual Costs</b>												
Year	FY	Monitoring	O&M	Corps PM	Other							
-1	0.945	2004	\$137,396	\$108,521	\$628							
-2	0.892	2005	\$129,772	\$102,500	\$593							
-3	0.843	2006	\$59,376	\$1,337,924	\$560							
-4	0.796	2007	\$56,081	\$91,440	\$529							
-5	0.752	2008	\$52,969	\$419,248	\$500							
-6	0.710	2009	\$50,030	\$1,094,956	\$472							
-7	0.671	2010	\$47,254	\$46,469	\$446							
-8	0.633	2011	\$44,632	\$43,890	\$421							
-9	0.598	2012	\$42,155	\$922,606	\$398							
-10	0.565	2013	\$39,816	\$289,375	\$376							
-11	0.534	2014	\$37,607	\$36,982	\$355							
-12	0.504	2015	\$35,520	\$777,385	\$335							
-13	0.476	2016	\$33,549	\$32,991	\$317							
-14	0.450	2017	\$31,687	\$31,161	\$299							
-15	0.425	2018	\$29,929	\$843,108	\$282							
-16	0.401	2019	\$28,268	\$27,798	\$267							
-17	0.379	2020	\$26,700	\$26,256	\$252							
-18	0.358	2021	\$25,218	\$24,799	\$238							
-19	0.338	2022	\$23,819	\$23,423	\$225							
-20	0.319	2023	\$0	\$22,123	\$212							
Total			\$931,777	\$6,302,954	\$7,706							

## Coastal Wetlands Conservation and Restoration Plan West Bay Sediment Diversion

<b>Fully Funded Costs</b>		Total Fully Funded Costs				Amortized Costs				Total First Cost	
Year	Fiscal Year	E&D	Land Rights	Federal S&A	LDNR S&A	Corps Proj. Man.	Monitoring	S&I	Contingency	Construction Costs	Total First Cost
<b>Phase I</b>											
5	0.950	1999	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	0.962	2000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	0.974	2001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	0.987	2002	\$1,155,542	\$200,662	\$0	\$0	\$24,724	\$0	\$0	\$0	\$1,380,929
<b>TOTAL</b>			\$1,155,542	\$200,662	\$0	\$0	\$24,724	\$0	\$0	\$0	\$1,380,929
<b>Phase II</b>											
4	0.962	2000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	0.974	2001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	0.987	2002	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1	1.000	2003	\$30,000	\$2,370,000	\$0	\$0	\$665	\$45,468	\$184,800	\$1,618,240	\$6,472,961
<b>TOTAL</b>			\$30,000	\$2,370,000	\$0	\$0	\$665	\$45,468	\$184,800	\$1,618,240	\$10,722,134
<b>Total Cost</b>			\$1,185,500	\$2,570,700	\$0	\$0	\$700	\$70,200	\$184,800	\$1,618,200	\$6,473,000
<b>Year</b>	<b>FY</b>	<b>Monitoring</b>	<b>O&amp;M</b>	<b>Corps PM</b>	<b>Other</b>						
-1	1.013	2004	\$147,359	\$116,391	\$674						
-2	1.026	2005	\$149,275	\$117,904	\$682						
-3	1.040	2006	\$73,252	\$1,650,593	\$691						
-4	1.053	2007	\$74,204	\$120,989	\$700						
-5	1.163	2008	\$81,958	\$648,692	\$773						
-6	1.184	2009	\$83,433	\$1,826,017	\$787						
-7	1.205	2010	\$84,935	\$83,524	\$802						
-8	1.227	2011	\$86,464	\$85,027	\$816						
-9	1.249	2012	\$88,020	\$1,926,407	\$831						
-10	1.272	2013	\$89,605	\$651,231	\$846						
-11	1.294	2014	\$91,218	\$89,702	\$861						
-12	1.318	2015	\$92,860	\$2,032,317	\$876						
-13	1.341	2016	\$94,531	\$92,960	\$892						
-14	1.366	2017	\$96,233	\$94,633	\$908						
-15	1.390	2018	\$97,965	\$2,759,702	\$924						
-16	1.415	2019	\$99,728	\$98,071	\$941						
-17	1.441	2020	\$101,523	\$99,836	\$958						
-18	1.467	2021	\$103,351	\$101,633	\$975						
-19	1.493	2022	\$105,211	\$103,463	\$993						
-20	1.520	2023	\$0	\$105,325	\$1,011						
<b>Total</b>			\$1,841,100	\$12,804,400	\$16,900						

**E&D and Construction Data**  
**ESTIMATED CONSTRUCTION COST**  
**ESTIMATED CONSTRUCTION + 25% CONTINGENCY**

**#REF!**  
**#REF!**

**TOTAL ESTIMATED PROJECT COSTS**

**PHASE I**

**Federal Costs**

<i>Engineering and Design</i>			#REF!
	#REF!	#REF!	
	#REF!	#REF!	
	#REF!	#REF!	
	#REF!	#REF!	
	#REF!	#REF!	
	#REF!	#REF!	
<i>Supervision and Administration</i>			#REF!

**State Costs**

<i>Supervision and Administration</i>			#REF!
<i>Easements and Land Rights</i>			#REF!
<i>Monitoring</i>			#REF!
Monitoring Plan Development	#REF!		
Monitoring Protocol Cost *	#REF!		

**Total Phase I Cost Estimate** #REF!

\* 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**

<i>Estimated Construction Cost +25% Contingency</i>				#REF!
Lands or Oyster Issues	0	lease acres	\$0 per acre	#REF!
<i>Supervision and Inspection</i>	#REF!	days @	\$852 per day	#REF!
<i>Supervision and Administration</i>				#REF!

**State Costs**

<i>Supervision and Administration</i>				#REF!
---------------------------------------	--	--	--	-------

**Total Phase II Cost Estimate** #REF!

**TOTAL ESTIMATED PROJECT FIRST COST** **#REF!**

**O&M Data**

**Annual Costs**

Annual Inspections  
 Annual Cost for Operations  
 Preventive Maintenance (Included in Annual Cost for Operations)

#REF!
#REF!
#REF!

**Specific Intermittent Costs:**

**Construction Items**

	Year 3	Year 5	Year 10	Year 15
#REF!	\$0	\$0	\$0	\$0
#REF!	\$0	#REF!	#REF!	#REF!
#REF!	\$0	#REF!	#REF!	#REF!
0	\$0	\$0	\$0	\$0
0	\$0	\$0	\$0	\$0
0	\$0	\$0	\$0	\$0
0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	\$0	#REF!	#REF!	#REF!
<b>Subtotal w/ 10% contin.</b>	\$0	#REF!	#REF!	#REF!
<b>Engineer, Design &amp; Administrative Costs</b>				
Engineering and Design Cost	\$0	#REF!	#REF!	#REF!
Administrative Cost	\$0	#REF!	#REF!	#REF!
Eng Survey      0 days    @      \$1,420 per day	\$0	#REF!	#REF!	#REF!
Construction    0 days    @      \$852 per day	\$0	#REF!	#REF!	#REF!
<b>Subtotal</b>	\$0	#REF!	#REF!	#REF!
<b>Federal S&amp;A</b>				
<b>Total</b>	\$0	#REF!	#REF!	#REF!

**Annual Project Costs:**

Corps Administration      #REF!  
 Monitoring                    #REF!

**Construction Schedule:**

		2003	2004	2005	2006	2007	2008	Total
Plan & Design Start	#REF!	7	12	6				25
Plan & Design End	#REF!							
Const. Start	#REF!							
Const. End	#REF!			6	12	12	1	31

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**OUTREACH QUARTERLY REPORT**

**For Report**

Ms. Gabrielle Bodin will provide a report on the Breaux Act Outreach Program.

**Breaux Act Public Outreach Committee  
Report to the Task Force  
April - June 2003**

**Meetings**

- 4/2: EPA project managers fact sheet meeting
- 4/3: EPA project managers fact sheet meeting
- 4/16: Outreach committee members attended the Louisiana Coastal Wetlands Conservation and Restoration Task Force Meeting. Wilson presented the outreach report. Pre-event press release distributed. The annual Task Force crawfish boil, sponsored by NWRC, was held the evening before.
- 4/24: Bodin and Durio participated in a meeting for the **Jason Project – an international educational program**. It's focus for the upcoming project will be on coastal Louisiana, particularly wetland loss and the science of restoration. The outreach team will provide assistance in the development of this project.
- 5/19: CWPPRA Public Outreach Committee Meeting.
- 5/27-29: Wilson and other committee members attended LCA meetings in various cities.
- 6/10: Wilson and Bodin attended America's Wetland speaker training.
- 6/23: 2003 Southwest LA Breaux Act Dedication Planning Meeting
- 6/27: Bodin attended the Governor's Commission meeting where the Commission held a briefing for the gubernatorial candidates.

**Executive Awareness**

- The offices of **Senators Breaux and Landrieu and Congressman John** have been contacted regarding participation in the upcoming dedication ceremony. **Sen. Breaux** has agreed to act as master of ceremonies.

**National Awareness**

- CWPPRA Outreach exhibited at the **National Association of Government Communicators Annual Meeting** in New Orleans April 8 – 11. Attendance by local, state, and federal government communicators from throughout the U.S. was approximately 200. The exhibit included land loss/gain and coastal zone maps and other informational materials.
- The "**Explore Coastal Louisiana**" CD-ROM was awarded **first place** by the **National Association of Government Communicators** in a ceremony on April 10 in their **Blue Pencil Awards Competition**.
- CWPPRA Outreach exhibited and presented a poster at the "**Saving Our Coastal Heritage - Inaugural National Conference on Coastal and Estuarine Habitat Restoration**" sponsored by Restore America's Estuaries in Baltimore, Maryland

April 13 – 16. Attendance from throughout the U.S. was over 800. The exhibit included the new land loss/gain map and other informational materials. The poster was an overview of Louisiana's coastal wetlands functions and values, loss, and restoration efforts through Breaux Act. The **Gulf Restoration Network** requested copies of the poster for use in public venues.

- CWPPRA outreach materials were provided for distribution at the **American Forage and Grasslands Council Annual Meeting** in Lafayette April 26 – 30. Approximately 1200 people were in attendance.
- Bodin presented CWPPRA/ wetland information to **Sri Lankan environmental delegation** at the National Wetlands Research Center May 6.
- CWPPRA materials were provided for several agricultural bus tours of Vermilion Parish.
- CWPPRA Outreach exhibited at the **Oceanology International 2003 Conference** in New Orleans June 4 – 6. Attendance consisted of oceanographic scientists and industry personnel from throughout the U.S. and world. The exhibit included land loss/gain and coastal zone maps and other informational materials.
- CWPPRA Outreach exhibited at the **Society of Wetland Scientists Annual Meeting** in New Orleans June 9 – 13. Attendance of approximately 750 included wetland scientists from throughout the world. The exhibit included land loss/gain and coastal zone maps, a land loss animation, and other informational materials. This was the largest SWS conference in its 24 year history.
- This quarter's LaCoast number of visits(4/1-6/30): 102,564

## Local Awareness

- **Breaux Act Newsflashes** distributed:  
April: 10  
May: 10  
June: 6  
Current number of subscribers: 846
- 4/4: Durio presented at **Heritage Day** in Pierre Part
- 4/5: Durio exhibited at **Gatorfest** at Bayou Sauvage.
- 4/13: Durio exhibited at **Baton Rouge Earth Day**.
- 5/8: Bodin presented CWPPRA/wetland information at **Wild Birds Unlimited** as one of their weekly seminars.
- 5/23: Durio presented at Episcopal Day School in Lake Charles.
- 5/31: Bodin exhibited at the **National Park Service Jean Lafitte Acadian Cultural Center** in Lafayette for their **Wetlands Day** program in celebration of National Wetlands Month.
- 6/12: Bodin presented to 20 teachers from throughout LA at **WETSHOP** on Grand Terre Island.
- 6/19: Bodin presented to 40 **INTECH** teachers at NWRC from the Acadiana area.
- Outreach staff provided requested information for several media outlets and other organizations including **Gannett News (in Washington, D.C.)**, **KLFY (CBS**



affiliate in Lafayette), the Daily Comet (Houma), Wadsworth Publishing (for a national educational CD-ROM), The Daily Review (Morgan City), Audubon Zoo, and Baton Rouge Zoo.

## **Outreach Project Updates**

### **2003 Southwest Louisiana Breaux Act Project Dedication Ceremony:**

The ceremony will dedicate **Holly Beach Sand Management, CS-31 (NRCS)**, **Humble Canal Hydrologic Restoration, ME-11 (NRCS)**, **Four Mile Canal Terracing and Sediment Trapping, TV-18 (NMFS)**, **Pecan Island Terracing, ME-14 (NMFS)** and groundbreak **Grand-White Lakes Landbridge Protection, ME-19 (USFWS)** in the ceremony to be held at the Mecom Ranch in Holly Beach on August 15. **Sen. John Breaux** will serve as master of ceremonies. Lunch and a bus tour of Holly Beach will follow the ceremony.

### **“Explore Coastal Louisiana” CD-ROM:**

“Explore Coastal Louisiana” received a **first place award** from the **National Association of Government Communicators** at their April meeting in New Orleans. It placed in the NAGC’s Blue Pencil Awards in the CD-ROM category. The CD has been so popular that it will be repressed for the fourth time in the near future. It has recently been entered into the Gulf of Mexico Program’s 2003 Gulf Guardian Awards Program.

### **Video News Release Campaign:**

The Coastal Wetlands Planning, Protection and Restoration Act video news release campaign will fund a video news release to promote the 2003 Southwest Louisiana Breaux Act Project Dedication. **This effort is funded by the Task Force as a special initiative.**

**CWPPRA Project and Program Fact Sheets:** The fact sheets are general overview fact sheets targeted for the general public, state and national legislators, and other interested parties. We have now printed the 38 completed project fact sheets. We previously had completed and printed the 15 PPL 11 project fact sheets and the eight fact sheets used for the December 2001 dedication ceremony. This gives us a total of 61 fact sheets that have been printed. Fact sheets for projects that are in the engineering/design and construction phases are currently going through final editorial review prior to agency sign off.

**Interpretive Topic Series:** The last two fact sheets of the ITS series are in final review and will be sent to the Government Printing Office in the near future. ***Coastal Louisiana and Southern Florida: A Comparative Wetland Inventory*** and ***Stewardship Incentives for Louisiana's Coastal Landowners*** are the new topics. The first three fact sheets of the series previously completed are: “Closing’ The Mississippi River Gulf Outlet: Environmental and Economic Considerations,” “Fisheries Implications of Freshwater Re-Introductions,” and “Mississippi River Water Quality: Implications for Coastal Restoration.” They and their accompanying PowerPoint presentations are available online

at: <http://www.lacoast.gov/reports/its/index.htm>. More copies of the earlier fact sheets will be reproduced in conjunction with the printing of the new ones.

**WaterMarks:** The current issue, “**Freshwater Diversions: Revitalizing Louisiana’s Coastal Wetlands,**” is currently online at LaCoast.gov. The printed version will be available shortly. Work has begun on the next issue, which will cover the new wetland loss report generated by USGS. Efforts are underway to reproduce the four regional issues, as well as the “Cost of Doing Nothing” issue.

**CWPPRA Brochure:** Text for a new brochure is currently under development. This document will serve as CWPPRA Outreach’s main general public document.

**CWPPRA Poster:** COE and NRCS committee members are currently working to develop a new poster to use as an outreach tool.

**CWPPRA Signs:** COE and NRCS committee members are working on signs to be placed in state parks and federal wildlife refuges in high visibility areas and possibly other locations to be determined. Signs will focus on saving America’s Wetland.

**LCA Feasibility Study:** The Public Outreach Committee is working closely with the LCA effort, assisting with outreach and public participation.

**Upcoming Conferences and Events:** The next large conference CWPPRA Outreach will participate in is the **Society of Environmental Journalists** annual meeting in New Orleans in September. The Task Force is a sponsor for this event. Participation is also slated for **Ocean Commotion, Louisiana Science Teachers Association, Experience Science Saturday, Wild Things 2003, La Fete d’Ecologie, and Audubon Zoo Swamp Fest.**

## **Other Activities:**

- **Media trip to the Pecan Island Terracing Project sponsored by National Marine Fisheries Service:**  
In attendance were KATC-TV3, The Daily Advertiser, and The Advocate. Each respective company had a reporter and photographer on the trip. They departed from the Air Logistics Heliport at Intracoastal City on the morning of June 10, flew over the Four Mile Canal Terraces and Sediment Trapping, which was just under construction; then they proceeded to the Little Vermilion Bay Project; then on to Pecan Island. At Pecan Island, they landed on a constructed terrace and boarded airboats to provide the media an opportunity to see the construction at ground level. The crews were then returned to Intracoastal City after approximately 3 hours. As a result, **TV-3 produced a 3 minute segment that aired on June 10 at 5 pm, 10 pm, and again during their early morning program on June 11. The Advertiser and Advocate produced stories in their respective papers on June 11, complete with some very nice photos.**

- Louisiana Coastal Wetlands Congressional Briefing:**  
**Chip Groat (Director, USGS), Jack Caldwell (Secretary, DNR), and William Dawson (Chief of the Planning and Policy Division, U.S. Army Corps of Engineers)** spoke at a congressional briefing sponsored by U.S. Sen. John Breaux, U.S. Reps. James Moran, Tom Davis, and Chris John, and the Coalition to Restore Coastal Louisiana. The briefing, held July 18, was for members of Congress, as well as congressional staff members. One of the main points was that the economic impact of the loss of Louisiana's coast would affect the entire country.
- Louisiana Coastal Wetlands Briefing for Department of Interior Officials:**  
 On July 29, 2003, a Louisiana delegation plans to brief the **Director of the U.S. Fish and Wildlife Service and the Assistant Secretary of the Interior for Fish and Wildlife and Parks** on the Louisiana Coastal Wetlands Issue and the need for an expanded restoration program. The meeting will be held at the Main Interior Building in Washington. Other attendees from Washington will include **USGS Director Chip Groat, and Bill Leary of the Council on Environmental Quality**. Other participants will include Dave Fruge (USFWS); Col. Pete Rowan and John Saia of the New Orleans Corps District; Ed Theriot of the Corps' Mississippi River Division; King Milling (Chair of the Governor's Coastal Advisory Commission); Karen Gautreaux of Governor Foster's Office; Sidney Coffee of the Governor's Office of Coastal Activities; Jack Caldwell and/or Randy Hanchey of LA DNR, Ted Falgout of the Greater Lafourche Port Commission; and, Jim Tripp of Environmental Defense.

The proposed collective message will emphasize:

- 1) the national importance of the LA coastal wetlands, especially from a DOI-trust resources standpoint;
- 2) the severity of recent and projected wetland losses;
- 3) the ecological and economic threats posed by continuing coastal collapse;
- 4) current (CWPPRA) and proposed (LCA) Federal restoration efforts;
- 5) the broad support for a greatly expanded coastal rehabilitation effort (including strong State support and growing support from national conservation organizations);
- 6) the need for Administration support for a greatly expanded rehabilitation program; and
- 7) the need for DOI to play a greater role in that effort

CWPPRA Outreach is assisting with providing materials for the briefing.

- America's Wetland Update:**  
 The **America's Wetland Campaign** sent out a press release to national media recently about the beginning of hurricane season. They made the linkage between coastal land loss and the increased effect of storm surge, etc. They gave them the opportunity to talk with Ted Falgout - Dir. of Port Fourchon - who has some dramatic

data on amounts of oil made unavailable to the American people during last year's bout with Lili and Isadore. **CNN Headline News** responded and did some segments with Falgout. It aired on the East Coast in different parts four or five times and also over the weekend out on the West Coast.

**White House visit: Director of CEQ for the White House, Jim Connaughton, and his Associate Director for Natural Resources, Bill Leary, along with George Dunlop, Dep. Asst. Sec. of the Army for Civil Works,** came to Louisiana per the state's request, to fly the coast, meet with the Governor and participate in two days of briefings and panel discussions on the coastal land loss issue. Since that time, there have been on-going discussions between the state and the White House and a great deal of progress has been made.

The **Governor's Office** and **DNR** participated in a recent trip to the coast by **Senator Mary Landrieu and her special guest, Senator Pete Dominici**. Sen. Dominici is Chairman of the powerful **Senate Energy Committee**. He and key congressional staffers flew the coast, attended a briefing at Port Fourchon and flew out to tour a Gulf oilrig with Shell Oil. The trip seemed to make a real impression on Sen. Dominici as he publicly committed to backing an amendment Sen. Landrieu put in the pending Senate Energy Bill that would authorize major funds for Louisiana for coastal restoration. That bill, according to a recent letter from Dominici to Senate colleagues, is scheduled to pass the Senate before August break. It then goes to the conference committee, where Congressman Billy Tauzin, Chairman of the House Energy and Commerce Committee, will hopefully be able to strengthen it even more.

The **Governor's Commission on Coastal Restoration and Conservation** held a recent briefing for the gubernatorial candidates. The following candidates attended: **Randy Ewing, Hunt Downer, Kathleen Blanco, Dan Kyle, Buddy Leach and Jay Blossman**.

Outreach plans are in the making for the upcoming election in October to educate voters about the first three constitutional amendments on the ballot. Those plans include media advertising, editorial board visits and public speaking engagements throughout the state.

The America's Wetland campaign recently held a summit panel on coastal land loss in Louisiana. It was held in New Orleans in conjunction with a major conference of international wetland scientists from 26 countries.

**Articles Mentioning CWPPRA or CWPPRA Projects  
April, May, June 2003**

**Number of Articles: 15**

<b>Source of Article</b>	<b>Date</b>	<b>Title of Article</b>
Lafayette Daily Advertiser	April 4, 2003	“About 300,000 nutria killed in Louisiana bounty program”
Baton Rouge Advocate	April 16, 2003	“State offers plan to buy oyster leases to save coast”
Lafayette Daily Advertiser	April 17, 2003	“Plan calls for state to buy oyster leases”
Baton Rouge Advocate	April 17, 2003	“Oyster-lease compensation plan accepted by task force”
Lafayette Daily Advertiser	April 27, 2003	“Terracing project aims to revive marsh”
Lafayette Daily Advertiser	April 28, 2003	“Nutria bounty program helps”
Baton Rouge Advocate	April 22, 2003	“Terracing project to revive Pecan Island marsh”
Lafayette Daily Advertiser	May 3, 2003	“Coastal restoration hurts oyster leases”
Houma Daily Courier	May 23, 2003	“La. Erosion parallels Everglades in importance, presidential advisor says”
Lafayette Daily Advertiser	May 29, 2003	“State agencies put coastal erosion on map”
Lafayette Daily Advertiser	June 2, 2003	“Coastal project recalls storied past – In Chenier Au Tigre, erosion stemmed and history lives”
Lafayette Daily Advertiser	June 11, 2003	“Coastal projects use Mother Nature as teammate”
Baton Rouge Advocate	June 11, 2003	“Target Vermilion - \$2.9 million project designed to rebuild area’s lost wetland”
Louisiana Sportsman	July, 2003	“Marsh south of Highway 82 to look radically different”
New Orleans Times-Picayune	July 9, 2003	“St. John to seek dredging permit – River water would replenish swamp”

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**Final 1<sup>st</sup> Year Report (2002) on the Results of the Coastwide Nutria Control Program  
(LA-03b)**

**For Report**

Mr. Jeff Marx of the Louisiana Department of Wildlife and Fisheries will present an overview of the final 2002 report on the Coastwide Nutria Control Program submitted to the Department of Natural Resources titled “Nutria Harvest and Distribution 2002-2003 and A Survey of Nutria Herbivory Damage in Coastal Louisiana in 2003”

**NUTRIA HARVEST DISTRIBUTION 2002-2003**

**And**

**A SURVEY OF NUTRIA HERBIVORY  
DAMAGE IN COASTAL LOUISIANA IN  
2003**

**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**

**Jeff Marx, Edmond Mouton, and Greg Linscombe**

**June 30, 2003**

\*Funded by Coastal Wetlands Planning, Protection, and Restoration Act through the  
La. Dept. of Natural Resources and the Natural Resources Conservation Service

# TABLE OF CONTENTS

	Page
Section 1	Nutria Harvest Distribution 2002-2003----- 3-8
Section 2	A Survey of Nutria Herbivory Damage in Coastal Louisiana in 2003----- 9-14
Section 3	Summary----- 15-16
Figures	
	Figure 1----- 17
	Figure 2----- 18
	Figure 3----- 19
	Figure 4----- 20
	Figure 5----- 21
Tables	
	Tables 1 and 2----- 22
	Table 3----- 23
	Table 4----- 24
	Table 5----- 25
	Table 6----- 26
	Tables 7 and 8----- 27
	Table 9----- 28
	Tables 10 and 11----- 29
Appendices	
	Appendix A----- 30-36
	Appendix B----- 37-44



## Section 1

### NUTRIA HARVEST DISTRIBUTION 2002-2003

#### Introduction

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 states. These importations, primarily for fur farming, failed during the Second World War as a result of poor pelt prices and poor reproductive success. As a result of these fur farm failures, 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, then later spread to the east through natural expansion as well as 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. The agriculture damage became a serious problem with rice and sugarcane farmers complaining about damage to crops and levee systems, and 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, 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 surpassed the muskrat in 1962 in total numbers harvested and became the backbone of the Louisiana fur industry for over 20 years. 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 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. In 1976 the harvest peaked at 1.8 million pelts worth \$15.7 million to coastal trappers.

However, the market began changing during the early 1980's. In 1981-82, the nutria harvest dropped slightly below 1 million. This declining harvest continued for two more

seasons, then in the 1984-85 season, the harvest jumped back up to 1.2 million. During the 1980-81 season, the average price paid for nutria was \$8.19. During the 1981-82 season, the price dropped to \$4.36, then in 1982-83, the price dropped to \$2.64. Between the 1983-84 season and the 1986-87 season, prices fluctuated from slightly over \$3.00 to slightly under \$4.00. Then in 1987-88 and again in 1988-89 prices continued to fall (Figure 1). From 1982 through 1992 the average value of the nutria harvest was only \$2.2 million. Between 1988-89 and 1995-96 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 1996-97 and in 1997-98, 359,232 nutria were harvested at an average price of \$5.17. 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 1998-99 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 pelts harvested in 2000-2001 trapping season increased to 29,544 nutria. The value of nutria pelts decreased to \$1.75 during the 2001-2002 season that prompted another decrease in harvest to 24,683 nutria.

During the strong market period for nutria pelts, no wetland damage caused by nutria was reported. Before the market developed and after the market declined, nutria caused damage to agriculture and wetlands that they inhabited. Reports of marsh vegetation damage from land managers became common again in 1988. Such complaints became more routine during the early 1990's, so the Fur and Refuge Division of the Louisiana Department of Wildlife and Fisheries initiated limited aerial survey flights, particularly in southeastern Louisiana. Survey flights conducted during the 90's, with initial support from Barataria-Terrebonne National Estuary Program (BTNEP) and later support from Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA), showed acreages of damage increasing from 60,000 to 100,000 acres. For this reason, the Coastwide Nutria Control Program (CNCP) began in January of 2002.

The project was funded by the CWPPRA through the Natural Resources Conservation Service (NRCS) and the Louisiana Department of Natural Resources (LDNR) with the Louisiana Department of Wildlife and Fisheries (LDWF) as the lead implementing agency. Task number 2 of the DNR 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 Nutria Control Program, 2) establish collection stations across coastal Louisiana, 3) to count valid nutria tails and present participant with a receipt/voucher, 4) to deliver tails to an approved disposal facility and receive documentation that ensures the nutria shall be properly disposed of and shall not leave the facility and 5) process and maintain records regarding participants, number and location of origin of tails 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 I-10 east from the Texas state line to Baton Rouge, I-12 east from Baton Rouge to Slidell, and I-10 east from Slidell to the Mississippi state line. The project goal is to significantly reduce damage to coastal wetlands resulting from 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 of \$4.00 for each nutria tail delivered to established collection centers. **This section reports on the Nutria Harvest Distribution for 2002-2003.**

## **Methods**

To inform the landowners and the public about the program, public meetings were held in Cameron, Abbeville, Patterson, Houma, Chalmette and Harvey. During the meetings, details about the program, such as the registration requirements, tail collection process, collection locations and payments to participants were discussed. Contact information was also released to any interested party.

An application for the Coastwide Nutria Control Program (CNCP) was developed in July 2002. The application was made available through the LDWF offices and website as well as LSU Extension offices. In order for a participant to be qualified, the individual must have completed the application, obtained written permission from a landowner or land manager that had property in the program area, completed a W-9 tax form and provided LDWF with a legal description of the property to be hunted or trapped. 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 maintain the program database, collect the nutria tails and provide payments for tails to participants. Collection sites were established at Rockefeller Refuge, Abbeville, Morgan City, Houma, Luling and Chalmette. Collections were made once a week at each site, except for Rockefeller Refuge and Abbeville where collections were made on alternating weeks.

Louisiana's open trapping season began on November 20, 2002 and nutria tail collections began a week later. Collections were made in a 16x8 foot trailer with a freezer, sorting table and desk inside. 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 counted the tails turned in and verified with the participant that the count was correct. Another CEI representative filled out a voucher for the number of tails the participant turned in and checked to make sure the mailing address of the participant was correct. The CEI representative asked the participant questions concerning the nutria harvest including: 1) the method of taking the nutria and 2) the method in which the nutria carcass was used or abandoned. After the voucher was

completed, the participant would sign and then indicate on a 1:100,000 topographic map where the nutria were harvested. The CEI representative checked to make sure that the participant had permission to take nutria off of the indicated township and range then write the number of nutria taken and the participant's CNCP number on the map. Using the hard copy voucher, the CEI representative entered all pertinent information into a laptop computer.

When storage for the tails in the trailer was full, a CEI representative transported the nutria tails to the BFI waste storage facility in Sorrento, Louisiana. The tails were weighed and mixed with other waste by the BFI representative. The BFI representative gave the CEI representative a receipt for the disposal of the tails. Copies of the receipts for all disposals made were supplied to LDWF.

At the end of the collection week, the maps and the voucher data was transferred to CEI's office in Baton Rouge. The hunted areas that were outlined on the topographic maps were digitized into ArcView GIS 3.2a and the information in the database on the laptop was transferred to the main database at CEI. CEI sent a weekly report to LDWF detailing each transaction and included a map of that week's digitized hunted areas. After LDWF received a weekly report from CEI, 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, 2002 and nutria tail collections continued for a week into April. After the conclusion of the program, CEI provided all of the transaction information for the entire program from November to March. This final report includes all information recorded on the vouchers, the digitized hunted area, the nutria control program database and an ArcView 3.2 project with related information.

## **Results and Discussion**

A total of 308,160 nutria tails, worth over 1.2 million dollars in incentive payments, were collected from 342 participants. One-hundred sixteen participants (34%) turned in less than 200 tails, 86 participants (25%) turned in between 200 and 499 tails, 35 participants (10%) turned in between 500 and 799 tails and 105 participants (31%) turned in over 800 tails. There were 22 parishes represented in the program with harvests ranging from 39 to 92,831 nutria. Approximately 90% of the harvest came from the southeast portion of Louisiana and the main method of harvest was by shooting with a rifle. Overall, the percentage for each method of taking nutria was 34% trapping, 63% shooting with a rifle and 3% taken with a shotgun. February was the most active month for tail collections (91,917 tails) while December (22,652 tails) was the least active month (Fig. 2).

### **Harvest by Marsh Type**

Harvest data was compiled by fresh marsh, intermediate marsh, brackish marsh, salt marsh and other. The category of "other" included swamp, mixed forest and agriculture land types. Fresh marsh produced over half of all of the nutria that were harvested during

the program followed by intermediate marsh (Fig. 3). This was not a surprising statistic since the majority of the nutria damage in 2002 occurred in fresh (55%) and intermediate (35%) marsh.

The method of take was recorded for each participant transaction. The participants had a choice of trapped, shot with a rifle or shot with a shotgun. Shooting with a rifle was the most popular method of taking nutria in the fresh, intermediate and brackish marsh types (Fig. 4). In fresh marsh 56% of the nutria were shot with a rifle and 40% were trapped. In intermediate marsh, 64% of the nutria were shot with a rifle and 35% were trapped. In brackish marsh, 74% of the nutria were taken with a rifle and 23% were trapped.

The use or abandonment of the nutria carcasses was also recorded for each participant transaction. The choices for when an animal was used were use of the meat, use of fur, use of meat and fur. When the carcass of the animal was abandoned, the abandonment method was recorded and the choices were buried carcasses, placed in heavy overhead vegetation or placed in water. Most of the nutria were abandoned either by burying them or placing them in heavy overhead vegetation. In fresh marsh 27,003 (17%) of the nutria were used for meat, fur or both while 64,641 (40%) were buried, 61,839 (40%) were left in overhead vegetation, and 2,643 (3%) were left in the water (Table 1). In intermediate marsh there was an improvement of carcass use. Fifty-seven percent of the nutria were used for meat, fur or both, and only 21% and 22% of the carcasses were abandoned in vegetation and buried respectively. In brackish marsh, 41% of the nutria were used for meat and/or fur while 29% were buried and 29% were left in overhead vegetation.

All of the participants were supplied with a fur buyer/fur dealer list to encourage the use of animals for the fur and meat. The reason for the high percentage of abandonment of animals in fresh marsh (80%) could be a factor of fur quality and economics. Fur quality in the fresh marsh could have been affected by “fourchette” damage which is caused by the seeds of *Bidens laevis*. The seed is covered with small hook-like protrusions which help the plant with seed dispersal. Whenever a seed becomes entangled in the nutria’s pelt and comes in contact with the skin, a small pustule is formed rendering the pelt useless. Participants with permission to take nutria in this habitat could have harvested the highest number of animals, but not attempted to sell the fur because of pelt quality. The high amount of nutria vegetative damage found in the fresh marsh (50%) appears to confirm the higher density estimates in this habitat found in other studies. Since the intermediate marsh has a lower density of animals, participants in this area could have turned in the carcasses to get the money for the meat and fur thereby increasing the value of each nutria. Since the participants in the fresh marsh area had to deal with “fourchette”, they may have decided to harvest more nutria and abandon the carcass.

#### Harvest by Parish

The greatest number of nutria were harvested in Terrebonne Parish (30%) followed by Plaquemines (20.5%), Lafourche (9.4%) and Jefferson (6.7%) (Table 2). In the 2002 Nutria Vegetative Damage Survey (Mouton et al.), 83% of the damaged acres found

along the coast were in these four parishes. Since these four parishes made up the majority of the harvest, they will be the ones discussed in this section.

Of these four parishes, Terrebonne showed the greatest percentage of animals taken by trapping with 46,761 (50%) trapped and 45,317 (49%) taken with a rifle (Table 3). Plaquemines Parish showed the greatest percentage of animals taken by shooting with a rifle (84%) and 16% trapped. The percentage of animals taken by trapping and shooting with a rifle in Jefferson Parish was 29% and 69%, respectively. The method of take in Lafourche Parish was 41% trapped and 58% taken with a rifle.

The use or abandonment of the carcass varied by marsh type and not necessarily by parish. The majority of the harvest in Terrebonne Parish came from fresh marsh so the majority of the carcasses were abandoned. In Plaquemines Parish the majority of the nutria harvest took place in the intermediate marsh and 47% of the carcasses were used for meat and/or fur (Table 4). As stated in the marsh type section, fur quality and economics played a role in the use or abandonment of the carcass.

#### Harvest by Township

The intent of tracking nutria harvest by township was to determine if the harvest areas coincided with the pre-CNCP damage sites as identified by the 2002 Nutria Damage Survey. Appendix A contains a series of maps that illustrate townships, harvest areas, and damage sites. Of the 94 damage sites for 2002, 81 sites (19,323 acres) were located within 34 townships that received some level of trapping/hunting. Within those 34 townships, 148,693 nutria (48% of total) were harvested. Of the 94 damage sites for 2002, 13 sites (1,862 acres) were located within 10 townships where no trapping/hunting occurred. Because a standard township contains 23,040 acres, and damage sites and trapping/hunting leases are much smaller, it was determined that tracking nutria harvest by township is not an effective method to determine if nutria are being harvested from damage sites. Refer to Section 3 of this document for a discussion of efforts to increase trapping in the vicinity of damage sites and to improve harvest tracking methodology.

## **Section 2**

### **A SURVEY OF NUTRIA HERBIVORY DAMAGE IN COASTAL LOUISIANA IN 2003**

#### **Introduction**

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 the Barataria-Terrebonne National Estuary Program (BTNEP). The objectives of the aerial survey was to: (1) determine the distribution of damage along the transect lines as an index of damage region wide, (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 amounting to over 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 estimated 80,000 plus acres across the study area. Of all the 1993 sites evaluated again in 1996, 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. A total of 23,960 acres of damaged wetlands were located at 170 sites along the survey transects. In 1999, the damaged increased to 27,356 acres located at 150 sites. In 2000, the damage slightly decreased to 25,939 located at 132 sites. In 2001, the damage decreased to 22,139 acres located at 124 sites. In the 2002 survey, the damage decreased again, but only slightly to 21,185 acres located at 94 sites. When extrapolated to a coastwide estimate, the acres impacted over these years ranges from 102,585 to 79,444 acres (damaged acres x 3.75). The 3.75 multiplication factor comes from the area actually surveyed along transect lines (0.5 miles) and the distance between transect lines (1.87 miles).

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 across throughout coastal Louisiana. The previous estimate of 80,000 acres of marsh damaged was conservative because only the worse (most obvious) can be detected from aerial surveys. The 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. If damaged areas do not revegetate quickly, they may become open water as tidal scour removes soil and thus lowers elevation. Frequently the plant's root systems are also damaged, making recovery through vegetative regeneration very slow.

In an effort to increase the incentive to trappers and hunters, the Coastwide Nutria Control Program (CNCP) was implemented. Task number 1 of the DNR and LDWF Interagency Agreement No. 2511-02-29 for the CNCP requires LDWF to conduct annual coastwide aerial surveys during spring/summer to document the current year impact of nutria herbivory. Survey techniques will follow Linscombe and Kinler (1997), and was conducted in the spring of 2002-2003. Results are analyzed annually and the number of acres impacted or recovered are determined. **This section reports on the 2003 Coastwide Nutria Herbivory Survey.**

## **Methods**

A coast wide nutria herbivory survey was conducted May 7-9, 14, 17-24 and June 2-3, 2003. North-South transects were flown throughout the fresh, intermediate and brackish marshes of coastal Louisiana. Portions of Cameron, Vermilion, St. Mary, Terrebonne, Lafourche, Jefferson, Plaquemines, St. John, St. Charles, St. Bernard, Orleans, St. Tammany and Tangipahoa Parishes were included in the survey. A total of 155 transects 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. These transects have been used for vegetative, waterfowl, and alligator surveys. 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 (Figure 5).

- 1) Location of each site was determined by recording latitude and longitude utilizing GPS equipment. A differential GPS (Trimble Ag 124) was utilized to allow for accurate location of damaged sites. The software used was GPS View, operating in ArcView 3.2.



The size of each damage site was recorded by logging polygons using stream digitizing with the GPS equipment.

- 2) The abundance of nutria was classified in one of the following nutria relative abundance rating 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 classified in one of the following vegetative damage rating categories: **no vegetative damage (0)**, **minor vegetative damage (1)**, **moderate vegetative damage (2)**, **severe vegetative damage (3)** or **converted to open water (4)**.
- 4) The dominant plant species were identified and recorded for the damaged areas recovering areas and in the adjacent areas.
- 5) The age of damage and condition was classified in one of the following categories: recovered, old recovering, old not recovering, recent recovering, recent not recovering or current (occurring now).
- 6) The prediction of vegetative recovery by the end of 2003 was characterized by one of the following categories: no recovery, full recovery, partial recovery or increased damage.
- 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 and transferred to the National Wetlands Research Center (NWRC), National Biological Survey in Lafayette, Louisiana. Damaged site locations are provided on the attached herbivory map and a data summary is provided in Appendix B.

## **Results and Discussion**

In summer 2003, a coast wide aerial survey was conducted covering the coastal parishes of Louisiana. A total of 100 sites were visited, of which 10 were new sites in 2003 and 90 were previously classified as damaged in the 2002 survey. The 90 sites previously identified as having nutria damage, 74 were identified as still having visible nutria herbivory impacts and 16 sites were classified as recovered (Table 5). The following discussion will detail the 84 sites that currently have nutria damage.

A total of 21,888 (extrapolated to 82,080 coast wide) acres were impacted by nutria feeding activity along the transects (Table 6) as compared to 21,185 acres in 2002. Of the 84 sites showing impact, Terrebonne Parish contained 34 sites (40 %) and 12,521 damaged acres (57 %). Lafourche Parish had a decrease in acreage this year and

accounted for 7 sites (8 %) and 610 acres (3%) of damaged marsh. Ten sites (12 %) and 1,805 acres (8%) were located in Jefferson Parish, down from previous years. Plaquemines Parish had the most dramatic increase in acres impacted of all the parishes. Plaquemines accounted for 13 sites (15 %) and 2,540 acres (12 %). St. Bernard Parish had only 5 sites (6%) with 918 acres (4%) impacted. Smaller amounts of damaged wetlands were located in St. Charles, St. Tammany and Orleans parishes. As in 2002 Terrebonne, Jefferson, and Plaquemines, continue to be the parishes most affected by nutria herbivory.

Marsh vegetative type (based on the Linscombe and Chabreck 2001 survey) was recorded at each damage site (Table 7). Fresh marsh continued to be the most affected by nutria herbivory with 36 sites (43 %) covering 10,871 acres (50%). Intermediate marsh contained 31 sites (37 %) but accounted for 8,086 of the damaged acres (37 %). Brackish marsh was still the least affected and accounted for 17 sites (20 %) and 2,931 damaged acres (13 %). The typical vegetation impacted in fresh marsh was Eleocharis spp. and Hydrocotyle spp., while Scirpus olneyi and Eleocharis spp. were commonly impacted species in intermediate and brackish marshes.

The NRAR is used to classify the abundance of nutria at a site (Table 8). The categories were: (0) no nutria sign visible, (1) nutria sign visible, (2) abundant feeding sign, and (3) heavy feeding sign. During the 2003 survey, 25 sites (30 %) covering 6,045 acres (28 %) showed no nutria sign visible. Twenty-six sites (31 %) covering 3,562 acres (16 %) showed nutria sign visible. Nineteen sites (23 %) covering 6,682 acres (30 %) had abundant feeding signs and fourteen sites (17 %) covering 5,599 acres (26 %) had heavy feeding signs.

The vegetative damage rating was developed in order to classify damage to vegetation by nutria (Table 9). The vegetative damage rating (VDR) has five categories. They are as follows: (0) no vegetative damage, (1) minor vegetative damage, (2) moderate vegetative damage, (3) severe vegetative damage, (4) converted to open water. During the 2003 survey, there were no sites categorized as having no vegetative damage. Twenty-six sites (31 %) covering 8,732 acres (40 %) were classified as having minor vegetative damage. The majority of the sites, 41 sites (49 %) covering 9,221 acres (42 %), had moderate vegetative damage. The acreage that was classified as having moderate damage was down from 2002 figure by 20 %. The classification of severe vegetative damage had 14 sites (17 %) over 3,862 acres (18 %). The worst category, converted to open water, was the most encouraging as it had only 3 sites (4 %) and covered only 73 acres.

The age of damage and condition rating was used to characterize each of the damage sites (Table 10). The six classifications included (1) current damage, (2) recent damage-recovering, (3) recent damage not recovering, (4) old damage-recovering, (5) old damage-not recovering, and (0) recovered. During the 2003 survey, 13 sites comprising 2,058 acres were classified as having current, ongoing nutria herbivory impacts, which was double the 2002 figure. A total of 51 sites containing 14,382 acres were classified as old damage sites that were recovering. Twenty sites were classified as old damage and not recovering containing 5,448 acres. These areas will probably not recover and are

being converted from vegetated wetlands to open water ponds. A total of 16 sites, comprising 1,674 acres, out of the 100 sites visited were classified as recovered.

For each site with current damage, the degree of recovery by the end of the 2002 growing season was predicted (Table 11). These ratings were (1) full recovery, (2) partial recovery, (3) increased damage and (4) no recovery predicated. The majority of the sites were projected to recover partially by the end of the 2003 growing season (64 sites and 14,497 acres). For six sites, containing 1,507 acres, including three converted to open water sites, no short term recovery was predicted. Eight sites were predicted to fully recover by next year, while six damaged sites were predicted to worsen.

During the survey, several marsh areas that were damaged by muskrat were observed. Some information was collected for the muskrat damage sites. In addition to the 84 nutria damage sites, a total of 16 muskrat damage sites were observed totaling 9,985 acres. A vegetative damage rating was collected for these sites: 1 site had minor vegetative damage covering 61 acres; five sites covering 684 acres had moderate vegetative damage and 10 sites covering 9,230 acres showed severe vegetative damage.

## **Conclusion**

During the 2003 survey, a total of 21,888 acres of coastal marshes were identified along survey transects as being negatively impacted by nutria activity. When extrapolated, the impacted acres of marsh by nutria total a conservative 82,080. When compared to 2002 (21,185 acres), there was a 3.3 % increase in the number of damaged acres in 2003. 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 seen so the total impact of nutria was probably underestimated. The overwhelming bulk of the damage is located in southeastern Louisiana with only isolated small areas of damage in southwestern Louisiana (Appendix B).

The most significant findings include: 1) impact of nutria herbivory in southeastern coastal marshes continues to play a role in vegetated marsh loss; 2) the damage is rated as moderate or severe for 13,083 (60 %) of the damaged acres, which is down 3,423 acres (18 %) from 2002; 3) damage identified at 51 sites containing 14,382 acres was classified as old damage but recovering, which is double the 2002 figure; 4) only three of the sites surveyed converted to open water (73 acres); and 5) damage at 73 sites containing impacted acres amounted to 17,577 acres, which may or may not become more severely impacted. Finally, one of the present concerns is the sites classified as “old not recovering” (5,448 acres) can potentially convert into open water over the course of time. These acres of “old not recovering” criteria decreased by 44% from the previous year, 12,499 in 2002 to 5,448 in 2003. The decrease is a positive note, however the sites that are still classified as “old not recovering” could potentially be converted to open water.

Survey results strongly support the need for the CNCP to facilitate significantly higher nutria harvest than would be present without such a program.

The Coastwide Nutria Control Program has demonstrated its impact on nutria populations in problem areas of coastal Louisiana by drastically increasing harvests to over 300,000 animals. Through time this increase in harvest should equate to fewer acres impacted in these coastal areas.

## Section 3

### **CNCP: Summary of 2002-2003 and Adaptive Management for 2003-2004**

Nutria herbivory is playing a role in the coastal marshes of Louisiana, with a coastwide estimate of 82,080 impacted acres during 2003. Direct vegetation removal contributes to permanent loss of vegetated wetlands, however, vegetative loss is not the only impact observed. Nutria are currently, and are suspected to have historically, played a major role in affecting plant species composition throughout the coast. Of great concern is that only a small fraction of damaged sites have recovered since initial surveys began in 1993. Most areas identified during those initial surveys are still being impacted in 2003. The initiation and implementation of the Coastwide Nutria Control Program (CNCP) has dramatically increased the trapping effort in coastal Louisiana especially in areas of damage. In the three prior trapping seasons, less than 25,000 nutria were harvested per year in the coastal zone. This increased trapping pressure could, over time, potentially decrease the amount and severity of damage along the Louisiana coast. The annual Coastwide Nutria Damage Survey will be used to determine if increased trapping pressure will result in reduced damage.

The CNCP, during the 2002-2003 open trapping season, collected 308,160 nutria tails collected from 342 participants for a total incentive payment of \$1,232,640. By habitat type, the nutria harvest was distributed as follows: fresh marsh – 51%, intermediate marsh – 22%, brackish marsh – 7%, salt marsh – 1%, other – 19%. Nutria were harvested from 22 parishes, with the greatest numbers harvested in Terrebonne Parish (30%), Plaquemines (20.5%), Lafourche (9.4%), St. Mary (8.4%) and Jefferson (6.7%) .

Of the 94 damage sites for 2002, 81 sites (19,323 acres) were located within 34 townships that received some level of trapping/hunting. Within those 34 townships, 148,693 nutria (48% of total) were harvested. At a finer scale, a total of 85,090 nutria (28% of total) were actually harvested from 50 of the 94 damage sites for 2002, as indicated on the maps by CNCP participants. Although the remainder of the harvest (159,467 nutria) came from townships without visible nutria damage, the harvest was undoubtedly beneficial. As mentioned in section 2, only the most obvious damage areas can be seen during the aerial survey. As shown in previous enclosure studies, nutria had an impact on vegetation even in areas where no visible damage was seen.

The 2003 Nutria Damage Survey identified 84 nutria impact sites covering 21,888 acres, yielding a coastwide estimate of 82,080 acres impacted compared to 2002 with 94 sites covering 21,185 acres and a coastwide estimate 79,444 acres impacted. In 2003, 57% of the impacted acres occurred in Terrebonne Parish, 12% in Plaquemines, 8% in Jefferson, and 6% in St.Charles. By marsh type the distribution of nutria impacted acres is fresh marsh – 50%, intermediate marsh – 37%, and brackish marsh – 13%.

While there was a slight increase in impacted acreage from 2002 to 2003, the overall damage shifted from 78% (16,506 acres) classified as moderate to severe in 2002 to only

60% (13,083 acres) classified as moderate to severe in 2003. It was generally observed that the overall health of the marsh in 2003 was improved from 2002. This improved condition and decreased severity of nutria damage can not specifically be attributed to the CNCP because damage severity differences were not detected between harvested and unharvested areas. LDWF continues to predict that three to four years of sustained harvest would be necessary to produce a noticeable reduction in nutria damage.

While the severity of nutria damage decreased in 2003, it should be noted that large areas of Scirpus olneyi were observed in the southwestern portion of the coastal zone, along with isolated populations of muskrat and nutria. These areas need to be monitored for a potential population increase in nutria and muskrat. Given time and the right conditions nutria and muskrat may respond to this increase in desirable vegetation in the southwest.

After the first year of the Coastwide Nutria Control Program, it is evident that some changes are necessary to improve the accuracy of information collected. To improve the accuracy of the harvest locations, participants will be required to submit a map and a complete legal description for the property they have permission to trap / hunt. Trapping / hunting locations will be entered into a GIS database and hard copy maps will be taken to the collection centers. When a participant comes to the collection site, he will indicate on the map of his lease where the nutria were harvested. This will allow GIS-based tracking of harvest locations, possibly down to the section (640 acres) versus to a township (23,040 acres) as was tracked for 2002-03.

Another improvement for the program's second year is that LDWF will attempt to contact landowners in areas where nutria damage was observed in the 2003 Vegetative Damage Survey but where little or no nutria were harvested during the 2002-2003 trapping season. LDWF will coordinate with trappers and fur buyers / dealers to encourage the maximum use of the entire animal.

Additional public meetings will be held prior to the 2003-04 open trapping season to inform landowners and the public on the results of the 2002-03 CNCP. These meetings will allow LDWF to possibly increase participation by landowners and trappers / hunters. This adaptive management should increase the harvest in areas where nutria are causing the most damage.

## LOUISIANA NUTRIA INDUSTRY HARVEST AND AVERAGE PELT VALUE

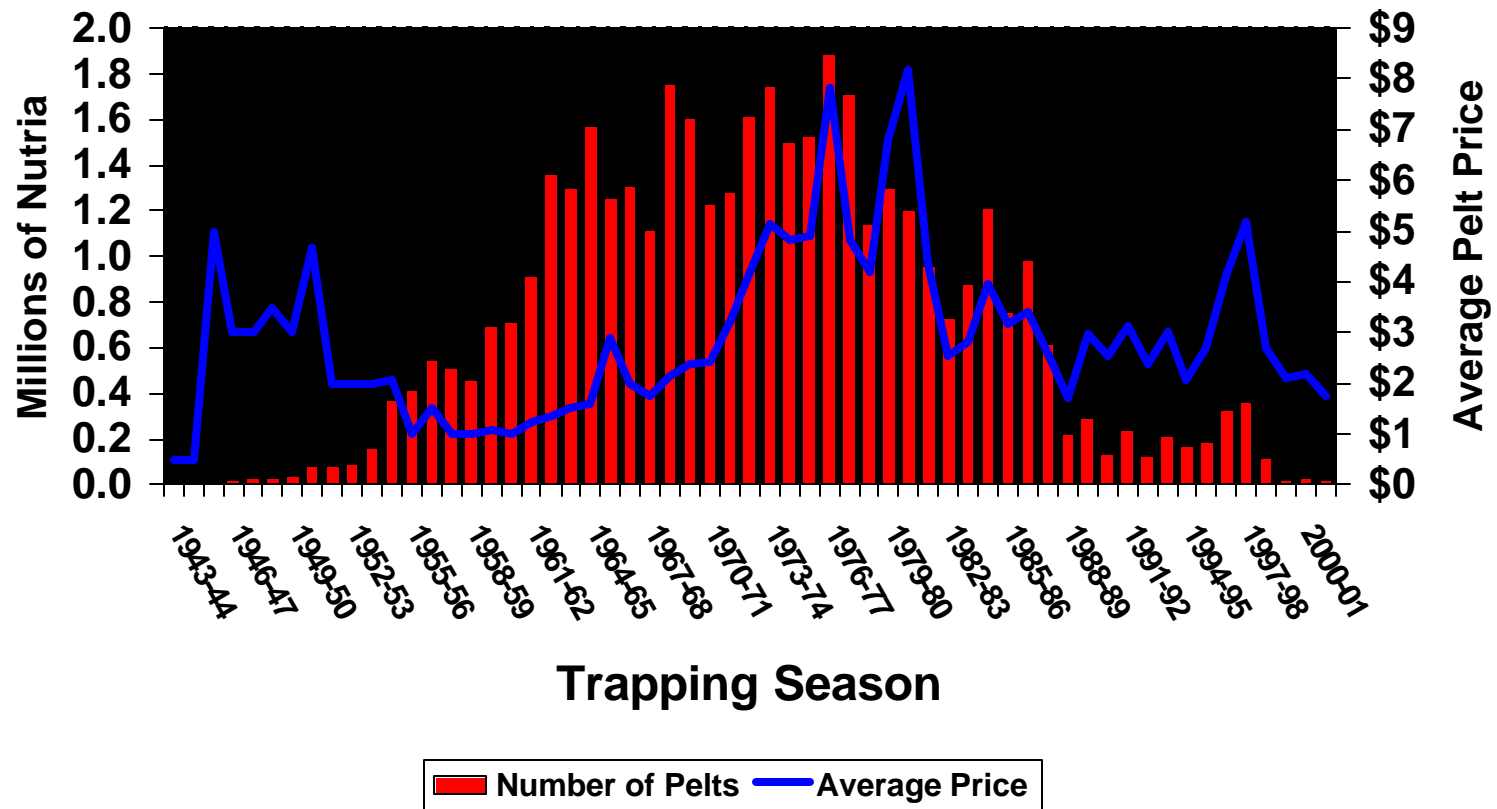


Figure 1. Annual harvest and average price of nutria from 1965-2002

**Nutria tails collected each month during the 2002-2003 trapping season**

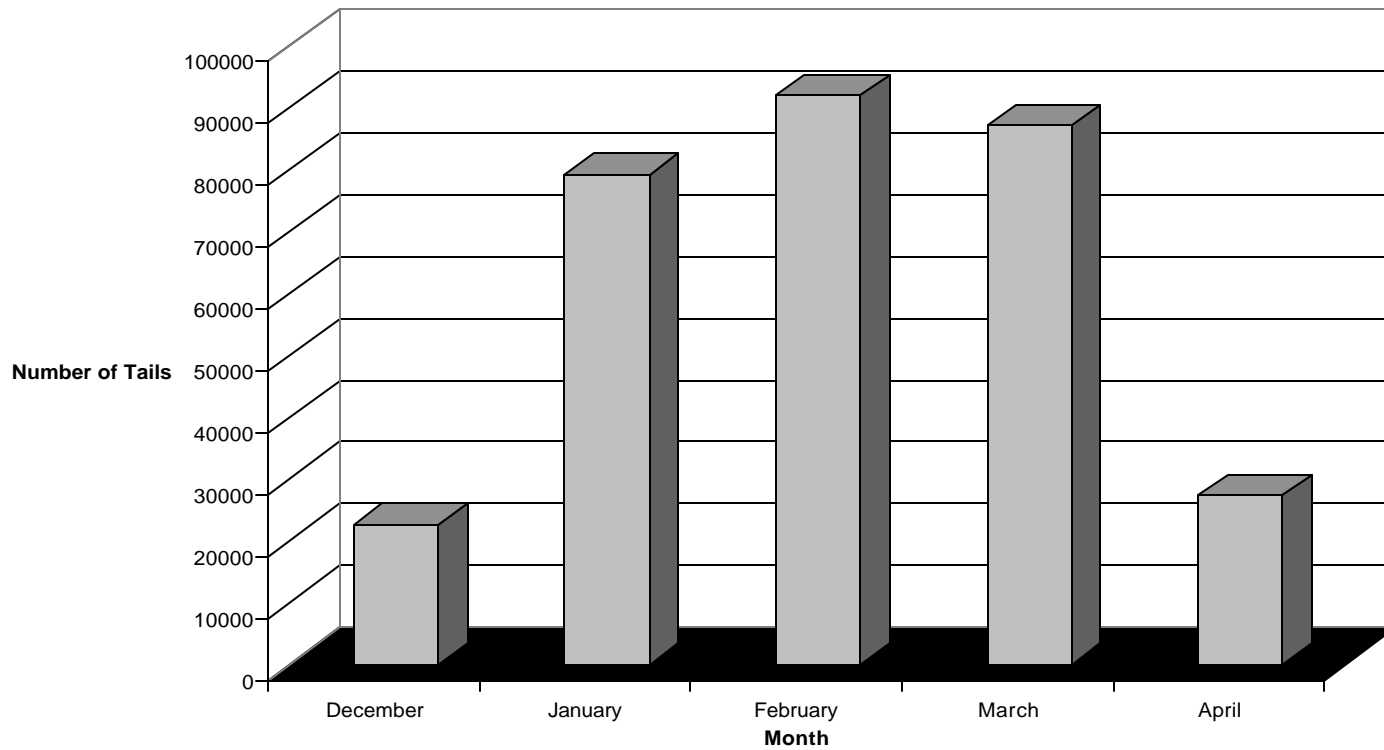


Figure 2. The number of nutria tails collected each month during the 02-03 Coastwide Nutria Control Program, 02-03 trapping season.



### Nutria Tails By Marsh Type

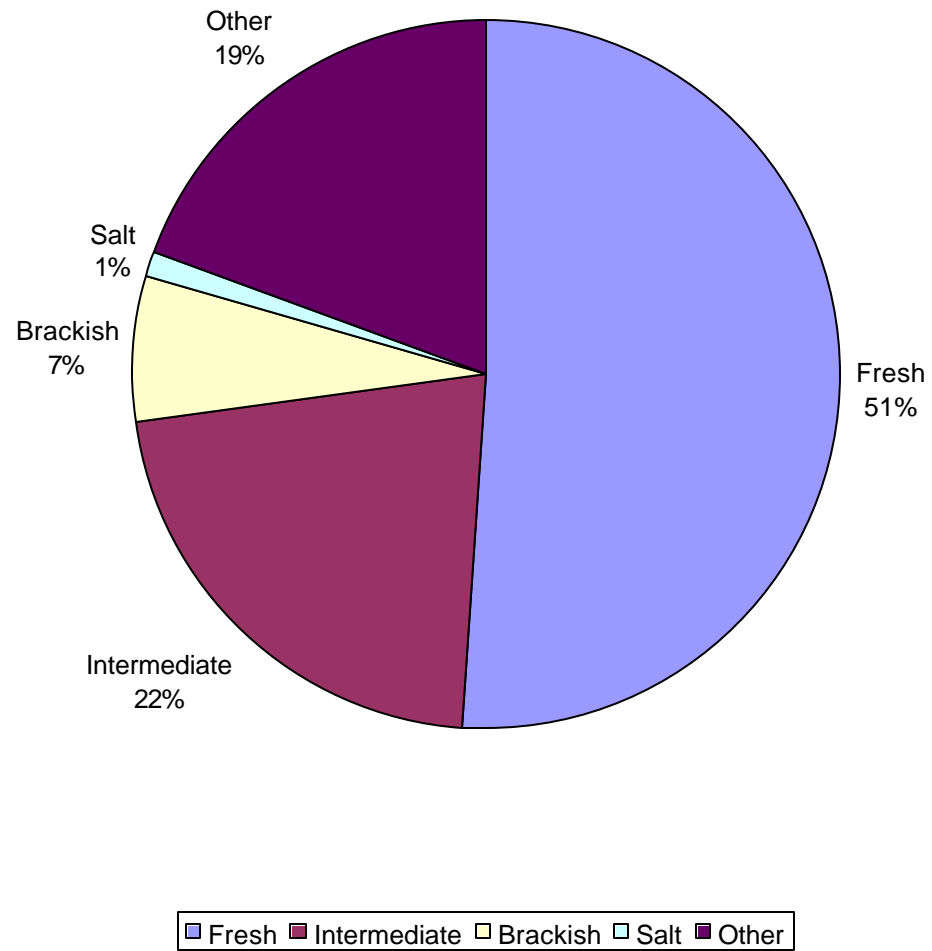


Figure 3. Percentage of nutria taken from coastal Louisiana during the 02-03 Coastwide Nutria Control Program.

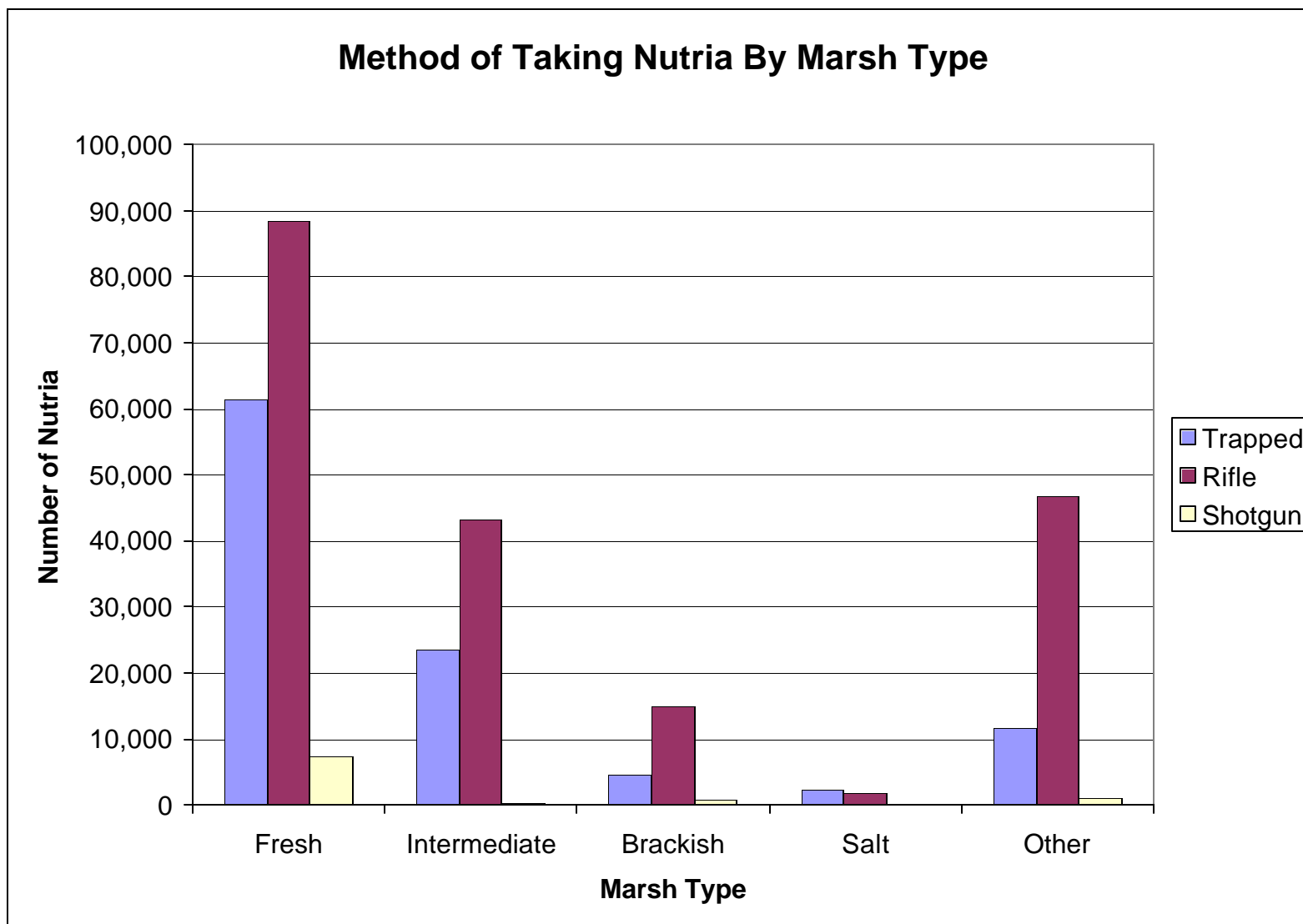


Figure 4. The method of take by marsh type during the 02-03 Coastwide Nutria Control Program.

Figure 5. Data Sheet utilized for 2003 nutria herbivory survey.

**2003 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**

**VEGETATIVE DAMAGE RATING**

_____ NO NUTRIA SIGN VISIBLE (0)	_____ NO VEGETATIVE DAMAGE (0)
_____ NUTRIA SIGN VISIBLE (1)	_____ MINOR VEGETATIVE DAMAGE (1)
_____ ABUNDANT FEEDING (2)	_____ MODERATE VEGETATIVE DAMAGE (2)
_____ HEAVY FEEDING (3)	_____ 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 2003 GROWING SEASON**

\_\_\_\_\_ NO RECOVERY PREDICTED (0)  
 \_\_\_\_\_ FULL RECOVERY (1)  
 \_\_\_\_\_ PARTIAL RECOVERY (2)  
 \_\_\_\_\_ INCREASED DAMAGE (3) \_\_\_\_\_ CHECK NEXT YEAR

Table 1. Carcass use by marsh type for 02-03 Coastwide Nutria Control Program.

MARSH TYPE	2002						
	Meat	Fur	Meat and Fur	Abandon Buried	Abandon Vegetation	Abandon Water	Abandon Other
Fresh	4,731	11,591	10,681	64,641	61,839	2,643	1,179
Intermediate	616	8,415	28,959	14,601	14,263	154	0
Brackish	78	1,786	6,383	5,943	5,843	125	0
Salt	68	292	1,868	939	921	0	0
Other	1,374	3,557	5,325	24,495	23,720	1,130	0
							0
Total	6,867	25,641	53,216	110,619	106,586	4,052	1,179

Table 2. Nutria harvested by parish for the 02-03 Coastwide Nutria Control Program.

PARISH	2002	
	Nutria Harvested	Percentage
Ascension	2,710	0.9%
Assumption	3,128	1.0%
Calcasieu	143	-
Cameron	7,851	2.6%
Iberia	1,412	0.5%
Jefferson	20,529	6.7%
Jefferson Davis	121	-
Lafayette	39	-
Lafourche	28,852	9.4%
Livingston	2,631	0.9%
Orleans	597	0.2%
Plaquemines	63,208	20.5%
St. Bernard	5,769	1.8%
St. Charles	11,169	3.6%
St. James	95	-
St. John the Baptist	18,450	6.0%
St. Martin	11,425	3.7%
St. Mary	26,004	8.4%
St. Tammany	4,638	1.5%
Tangipahoa	1,245	0.4%
Terrebonne	92,831	30.1%
Vermilion	5,313	1.7%
Total	308,160	99.9%

Table 3. Method of take by parish for the 02-03 Coastwide Nutria Control Program.

PARISH	2002		
	Trapped	Rifle	Shotgun
Ascension	0	2,306	404
Assumption	284	2,786	58
Calcasieu	0	143	0
Cameron	3,611	4,210	30
Iberia	0	1,353	59
Jefferson	5,869	14,094	566
Jefferson Davis	121	0	0
Lafayette	19	10	10
Lafourche	11,807	16,826	219
Livingston	0	2,631	0
Orleans	287	219	91
Plaquemines	9,899	52,933	376
St. Bernard	2,877	2,892	0
St. Charles	2,099	8,706	364
St. James	48	47	0
St. John the Baptist	1,505	11,132	5,813
St. Martin	1,497	9,593	335
St. Mary	11,073	14,849	82
St. Tammany	3,088	1,529	21
Tangipahoa	335	894	16
Terrebonne	46,761	45,317	753
Vermilion	2,370	2,729	214
Total	103,550	195,199	9,411

Table 4. Carcass use by parish for the 02-03 Coastwide Nutria Control Program.

PARISH	2002					
	Meat	Fur	Meat and Fur	Abandon Buried	Abandon Vegetation	Abandon Water
Ascension	84	0	129	1,179	1,180	139
Assumption	117	0	0	1,505	1,506	0
Calcasieu	0	0	143	0	0	0
Cameron	0	5,387	306	1,079	1,079	0
Iberia	0	182	59	585	586	0
Jefferson	0	0	4,269	8,130	8,130	0
Jefferson Davis	0	121	0	0	0	0
Lafayette	0	0	0	19	20	0
Lafourche	1,489	1,634	7,698	8,841	8,755	435
Livingston	0	0	0	1,214	1,214	204
Orleans	0	0	414	91	92	0
Plaquemines	430	4,547	24,635	17,015	16,399	182
St. Bernard	147	1,566	2,123	977	956	0
St. Charles	0	305	1,084	4,890	4,890	0
St. James	0	0	0	47	48	0
St. John the Baptist	1,577	0	576	6,437	6,963	2,896
St. Martin	0	0	905	5,480	4,988	52
St. Mary	233	3,021	3,343	10,249	8,574	583
St. Tammany	72	1,044	2,824	349	349	0
Tangipahoa	561	0	0	342	342	0
Terrebonne	1,852	6,231	3,894	40,894	39,220	740
Vermilion	305	1,603	814	1,296	1,295	0
Total	6,867	25,641	53,216	110,619	106,586	5,231

Table 5. Status and number of nutria herbivory sites surveyed in 2002 -2003.

Year	Number of sites surveyed	Number of sites with current damage	Sites with vegetative recovery
2002	108 <sup>1</sup>	94	12
2003	100	84	16

<sup>1</sup> Two sites could not be evaluated due to high water.

Table 6. Number of damaged sites and acres damaged along transects by Parish in coastal Louisiana, 2002 - 2003.

PARISH	2002		2003	
	Number of		Number of	
	Sites	Acres	Sites	Acres
Terrebonne	41	12,951	34	12,521
Lafourche	8	1,222	7	610
Jefferson	17	3,003	10	1,805
Plaquemines	10	882	13	2,540
St. Charles	6	768	6	1,266
Cameron				
St. Bernard	6	921	5	918
St. John			1	20
Iberia				
St. Tammany	4	752	2	360
Orleans	2	686	2	962
St. Mary				
Vermilion			4	886
Total	94	21,185 <sup>1</sup>	84	21,888 <sup>1</sup>

---

<sup>1</sup>This figure represents acres damaged along transects only. Actual damage coast wide is approximately 4 times larger than the area estimated by this survey.



Table 7. Number of damaged sites and acres damaged by marsh type along transects in coastal Louisiana during 2002 and 2003.

HABITAT TYPE	2002		2003	
	NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES
Fresh	41	11,593	36	10,871
Intermediate	39	7,416	31	8,086
Brackish	14	2,176	17	2,931
Total	94	21,185	84	21,888

Table 8. Number of nutria damage sites and acres damaged by revised nutria relative abundance rating in coastal Louisiana during 2002 and 2003.

NUTRIA RELATIVE ABUNDANCE RATING	2002		2003	
	NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES
NO NUTRIA SIGN VISIBLE	29	7,040	25	6,045
NUTRIA SIGN VISIBLE	31	4,379	26	3,562
ABUNDANT FEEDING	17	4,198	19	6,682
HEAVY FEEDING	17	5,568	14	5,599
TOTAL	94	21,185	84	21,888

Table 9. Number of nutria damage sites and number of acres by the vegetative damage rating in coastal Louisiana 2002 and 2003.

VEGETATIVE DAMAGE RATING	2002		2003	
	NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES
NO VEGETATIVE DAMAGE	1	30	0	0
MINOR VEGETATIVE DAMAGE	28	3,498	26	8,732
MODERATE VEGETATIVE DAMAGE	44	13,156	41	9,221
SEVERE VEGETATIVE DAMAGE	13	3,451	14	3,862
CONVERTED TO OPEN WATER	8	1,050	3	73
TOTAL	94	21,185	84	21,888

Table 10. Number of damage sites by age of damage and condition rating in coastal Louisiana in 2002 and 2003.

AGE OF DAMAGE AND CONDITION RATING	2002		2003	
	NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES
Old Recovering	51	7,694	51	14,382
Old Not Recovering	39	12,499	20	5,448
Recent Recovering	0	0	0	0
Recent Not Recovering	0	0	0	0
Current Damage	4	992	13	2,058
Total	94	21,185	84	21,888
Recovered	12	1,119	16	1,674

Table 11. Number of damage sites and acres damaged by prediction of recovery rating in coastal Louisiana in 2002 and 2003.

PREDICTION OF RECOVERY BY END OF 2003 GROWING SEASON	2002		2003	
	NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES
Full Recovery	7	919	8	4,238
Partial Recovery	59	13,950	64	14,497
Increased Damage	5	1,086	6	1,646
No Recovery Predicated	15	4,180	3	1,434
*Converted to Open water	8	1,050	3	73
TOTAL	94	21,185	84	21,888

\*Sites that have “Converted to Open Water” are considered to be in the “No Recovery Predicted” category.

**APPENDIX A. 2002 Nutria vegetative damage sites and harvest by township and range.**

SITE #	MARSH TYPE	DAMAGE TYPE	DAMAGED ACRES	ACRES TO OPEN WATER	PARISH	TOWNSHIP AND RANGE	TAILS FOR EACH TOWNSHIP AND RANGE
286	B	Nutria Damaged Sites	130	0	ST TAMMANY	T10SR15E	2431
285	B	Nutria Damaged Sites	50	0	ORLEANS	T11SR14E	0
356	B	Nutria Damaged Sites	636	0	ORLEANS	T12SR15E	0
358	B	Muskrat Damage	1666	0	ST BERNARD	T12SR17E	0
359	B	Muskrat Damage	366	0	ST BERNARD	T12SR17E	0
357	B	Muskrat Damage	381	0	ST BERNARD	T13SR16E	0
238	F	Nutria Damaged Sites	10	0	ST CHARLES	T13SR19E	1108
171	F	Nutria Damaged Sites	200	0	ST CHARLES	T13SR20E	1800
250	I	Nutria Damaged Sites	300	0	ST BERNARD	T14SR13E	4131
258	I	Nutria Damaged Sites	396	0	ST BERNARD	T14SR13E	
259	I	Nutria Damaged Sites	149	0	ST BERNARD	T14SR13E	
260	I	Nutria Damaged Sites	277	0	ST BERNARD	T14SR13E	
338	I	Nutria Damaged Sites	10	0	ST BERNARD	T14SR14E	1434
355	B	Nutria Damaged Sites	86	0	ST BERNARD	T14SR14E	
341	B	Nutria Damaged Sites	3	0	ST BERNARD	T14SR15E	1072
42	F	Recovered Nutria Sites	200	0	LAFOURCHE	T14SR19E	0
170	F	Nutria Damaged Sites	100	0	LAFOURCHE	T14SR19E	0
94	F	Nutria Damaged Sites	400	0	ST CHARLES	T14SR21E	867
332	I	Nutria Damaged Sites	10	0	ST CHARLES	T14SR22E	1432
39	F	Nutria Damaged Sites	5	0	JEFFERSON	T14SR23E	4089
40	I	Nutria Damaged Sites	123	0	JEFFERSON	T14SR23E	
346	F	Nutria Damaged Sites	34	0	JEFFERSON	T14SR23E	
252	I	Nutria Damaged Sites	100	0	PLAQUEMINES	T15SR13E	12386
256	I	Nutria Damaged Sites	292	0	PLAQUEMINES	T15SR13E	
336	I	Nutria Damaged Sites	5	0	PLAQUEMINES	T15SR13E	
356	I	Nutria Damaged Sites	74	0	PLAQUEMINES	T15SR13E	
248	I	Nutria Damaged Sites	10	0	PLAQUEMINES	T15SR14E	10936
339	I	Nutria Damaged Sites	5	0	PLAQUEMINES	T15SR14E	
354	I	Nutria Damaged Sites	41	0	PLAQUEMINES	T15SR14E	
331	I	Nutria Damaged Sites	25	0	ST CHARLES	T15SR22E	2823
177	F	Nutria Damaged Sites	392	131	JEFFERSON	T15SR23E	4586

244	I	Nutria Damaged Sites	176	0	JEFFERSON	T15SR23E	
279	I	Nutria Damaged Sites	15	0	JEFFERSON	T15SR23E	
245	F	Nutria Damaged Sites	600	0	JEFFERSON	T15SR24E	659
337	I	Nutria Damaged Sites	25	0	PLAQUEMINES	T16SR12E	7447
320	I	Recovered Nutria Sites	5	0	PLAQUEMINES	T16SR14E	2883
322	I	Recovered Nutria Sites	112	0	PLAQUEMINES	T16SR14E	
323	I	Recovered Nutria Sites	10	0	PLAQUEMINES	T16SR14E	
340	I	Nutria Damaged Sites	30	0	PLAQUEMINES	T16SR14E	
97	I	Nutria Damaged Sites	80	0	JEFFERSON	T16SR22E	0
48	I	Nutria -Open Water		0	JEFFERSON	T16SR23E	893
49	B	Nutria Damaged Sites	200	0	JEFFERSON	T16SR23E	
175	I	Nutria -Open Water	0	30	JEFFERSON	T16SR23E	
178	I	Nutria Damaged Sites	97	0	JEFFERSON	T16SR23E	
243	I	Nutria -Open Water	0	240	JEFFERSON	T16SR23E	
317	I	Nutria -Open Water	0	15	JEFFERSON	T16SR23E	
333	I	Nutria Damaged Sites	20	0	JEFFERSON	T16SR23E	
60	I	Nutria Damaged Sites	258	0	JEFFERSON	T16SR24E	5906
92	I	Nutria Damaged Sites	687	0	JEFFERSON	T16SR24E	
270	F	Nutria Damaged Sites	10	0	TERREBONNE	T17SR12E	7070
304	F	Nutria Damaged Sites	95	0	TERREBONNE	T17SR12E	
8	F	Nutria Damaged Sites	780	0	TERREBONNE	T17SR13E	3819
9	F	Nutria Damaged Sites	260	0	TERREBONNE	T17SR13E	
127	F	Nutria Damaged Sites	42	0	TERREBONNE	T17SR13E	
138	F	Nutria Damaged Sites	30	0	TERREBONNE	T17SR13E	
139	F	Nutria Damaged Sites	106	0	TERREBONNE	T17SR13E	
271	F	Recovered Nutria Sites	5	0	TERREBONNE	T17SR13E	
327	F	Nutria Damaged Sites	73	0	TERREBONNE	T17SR13E	
120	F	Nutria Damaged Sites	1000	0	TERREBONNE	T17SR14E	7647
142	F	Nutria Damaged Sites	234	0	TERREBONNE	T17SR14E	
143	F	Nutria Damaged Sites	6	0	TERREBONNE	T17SR14E	
233	F	Nutria Damaged Sites	273	0	TERREBONNE	T17SR14E	
274	F	Nutria Damaged Sites	290	0	TERREBONNE	T17SR14E	
310	F	Nutria Damaged Sites	42	0	TERREBONNE	T17SR14E	

311	F	Nutria Damaged Sites	1361	0	TERREBONNE	T17SR14E	
345	F	Nutria Damaged Sites	188	0	LAFOURCHE	T17SR19E	4980
90	I	Recovered Nutria Sites	200		JEFFERSON	T17SR23E	3159
242	B	Nutria Damaged Sites	25	0	LAFOURCHE	T17SR23E	
334	I	Nutria Damaged Sites	10	0	JEFFERSON	T17SR23E	
348	I	Nutria Damaged Sites	33	0	JEFFERSON	T17SR23E	
353	B	Muskrat Damage	3016		IBERIA	T17SR5E	0
351	B	Muskrat Damage	46	0	IBERIA	T17SR6E	0
352	B	Muskrat Damage	159	0	IBERIA	T17SR6E	0
140	F	Nutria Damaged Sites	461		TERREBONNE	T18SR13E	7002
278	F	Nutria Damaged Sites	1068	0	TERREBONNE	T18SR13E	
306	F	Nutria Damaged Sites	302	0	TERREBONNE	T18SR13E	
307	F	Nutria Damaged Sites	508	0	TERREBONNE	T18SR13E	
17	F	Nutria Damaged Sites	170	0	TERREBONNE	T18SR14E	9212
344	F	Nutria Damaged Sites	84	0	TERREBONNE	T18SR14E	
107	F	Nutria Damaged Sites	25	0	TERREBONNE	T18SR15E	8466
109	F	Nutria Damaged Sites	100	0	TERREBONNE	T18SR15E	
150	F	Recovered Nutria Sites	25	0	TERREBONNE	T18SR15E	
113	F	Nutria Damaged Sites	25	0	TERREBONNE	T18SR16E	3214
328	F	Nutria Damaged Sites	258	0	TERREBONNE	T18SR16E	
154	F	Nutria Damaged Sites	294	0	TERREBONNE	T18SR17E	109
95	I	Nutria Damaged Sites	500	0	LAFOURCHE	T18SR20E	1836
164	I	Nutria Damaged Sites	100	0	LAFOURCHE	T18SR22E	5253
329	B	Nutria Damaged Sites	88	0	LAFOURCHE	T18SR22E	
347	B	Nutria Damaged Sites	201	0	LAFOURCHE	T18SR22E	
350	B	Muskrat Damage	374	0	IBERIA	T18SR6E	0
349	B	Muskrat Damage	185	0	IBERIA	T18SR7E	0
67	F	Recovered Nutria Sites	386		TERREBONNE	T19SR13E	8579
272	F	Nutria Damaged Sites	432	0	TERREBONNE	T19SR13E	
343	I	Nutria Damaged Sites	57	0	TERREBONNE	T19SR13E	
117	F	Nutria Damaged Sites	1100	0	TERREBONNE	T19SR14E	4292
104	F	Nutria Damaged Sites	30	0	TERREBONNE	T19SR15E	4246
105	I	Nutria Damaged Sites	3070	0	TERREBONNE	T19SR15E	

108	F	Nutria Damaged Sites	50	0	TERREBONNE	T19SR15E	
111	I	Nutria Damaged Sites	20	0	TERREBONNE	T19SR16E	2926
112	I	Nutria Damaged Sites	20	0	TERREBONNE	T19SR16E	
153	I	Nutria Damaged Sites	50	0	TERREBONNE	T19SR16E	
314	F	Nutria Damaged Sites	19	0	TERREBONNE	T19SR16E	
315	I	Nutria Damaged Sites	18	0	TERREBONNE	T19SR16E	
221	B	Recovered Nutria Sites	5	0	TERREBONNE	T20SR11E	77
224	I	Recovered Nutria Sites	20	0	TERREBONNE	T20SR11E	
342	B	Muskrat Damage	181	0	TERREBONNE	T20SR12E	0
10	I	Nutria Damaged Sites	48	0	TERREBONNE	T20SR13E	0
12	B	Nutria -Open Water		100	TERREBONNE	T20SR13E	0
309	B	Muskrat Damage			TERREBONNE	T20SR13E	0
228	B	Muskrat Damage	0	0	TERREBONNE	T21R12E	0
222	B	Recovered Nutria Sites	1	0	TERREBONNE	T21SR11E	148
227	B	Nutria Damaged Sites	26	9	TERREBONNE	T21SR12E	0
229	B	Recovered Nutria Sites	150		TERREBONNE	T21SR12E	0
326	F	Nutria Damaged Sites	5		TERREBONNE	T21SR13E	0
267	B	Nutria Damaged Sites	75	225	ST TAMMANY	T9SR13E	0
268	B	Nutria -Open Water	0	300	ST TAMMANY	T9SR13E	0
324	B	Nutria Damaged Sites	22	0	ST TAMMANY	T9SR13E	0



# 2003 Coastwide Nutria Control Program Southwestern Louisiana

Total Tails Collected  
for the 02-03 Season - 308,160

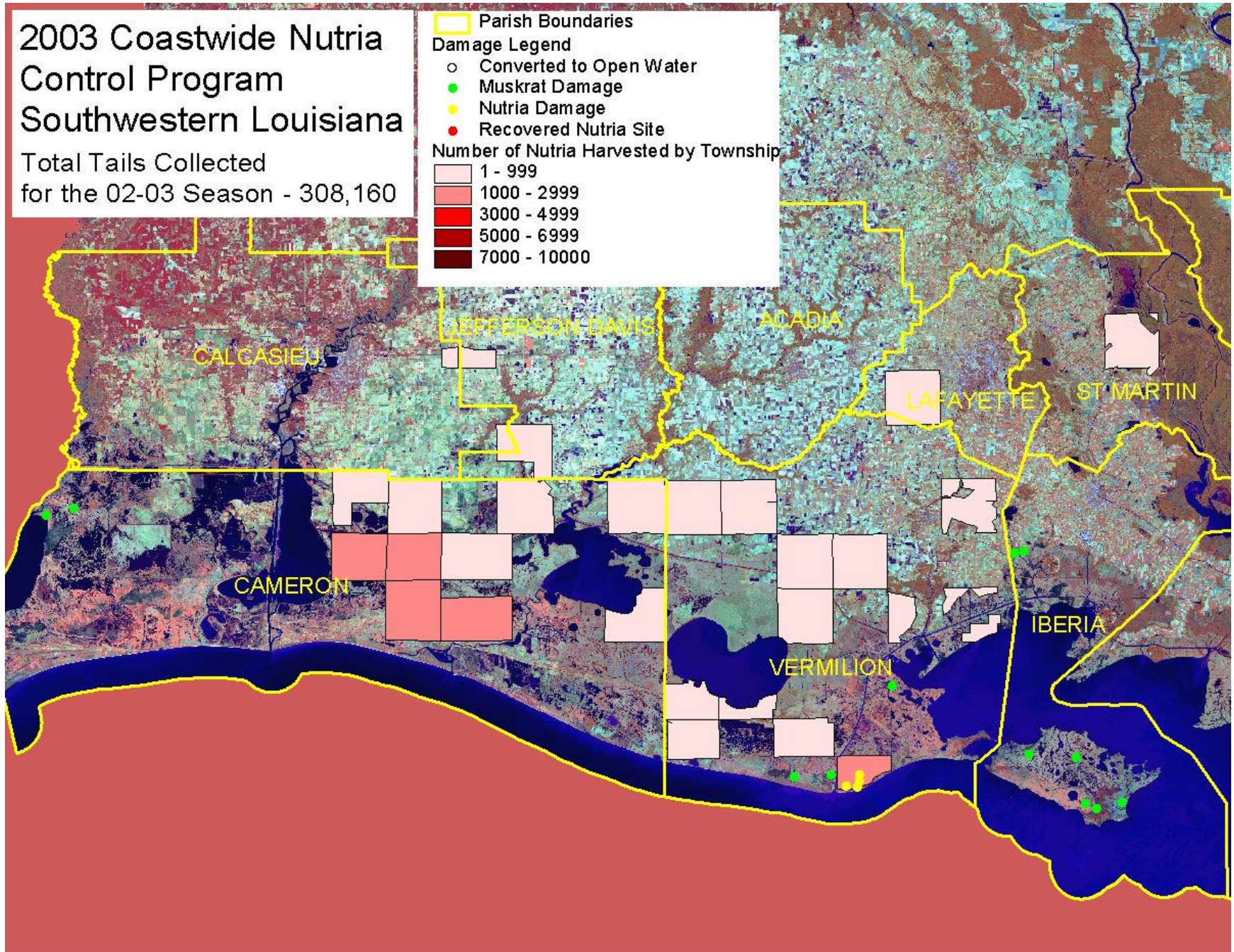
**Parish Boundaries**  
Yellow outline

**Damage Legend**

- Converted to Open Water
- Muskrat Damage (Green dot)
- Nutria Damage (Yellow dot)
- Recovered Nutria Site (Red dot)

**Number of Nutria Harvested by Township**

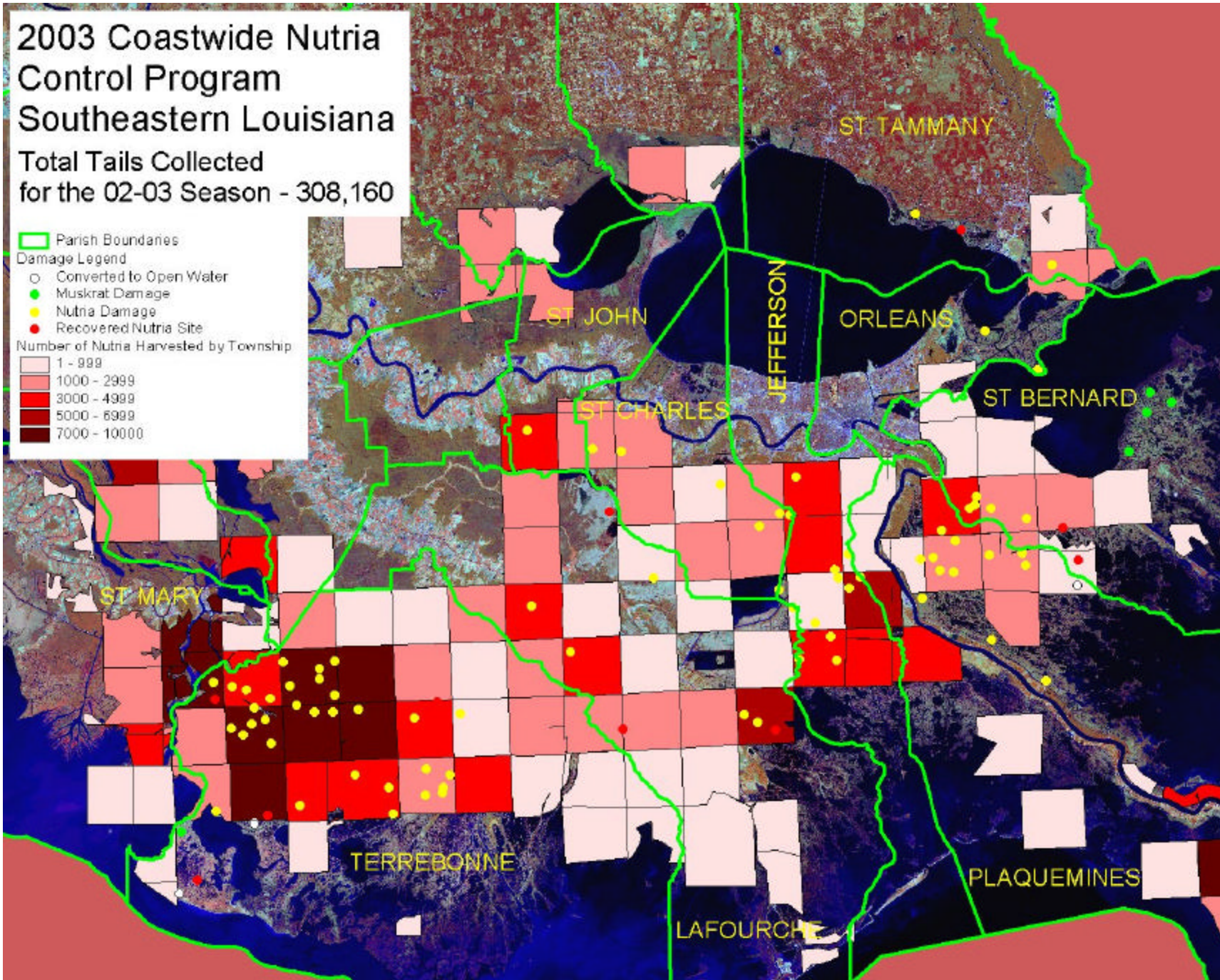
Lightest Pink	1 - 999
Light Pink	1000 - 2999
Red-Orange	3000 - 4999
Dark Red	5000 - 6999
Dark Red/Brown	7000 - 10000



# 2003 Coastwide Nutria Control Program Southeastern Louisiana

Total Tails Collected  
for the 02-03 Season - 308,160

- Parish Boundaries
- Damage Legend
  - Converted to Open Water
  - Muskrat Damage
  - Nutria Damage
  - Recovered Nutria Site
- Number of Nutria Harvested by Township
  - 1 - 999
  - 1000 - 2999
  - 3000 - 4999
  - 5000 - 6999
  - 7000 - 10000



**APPENDIX B.** Data collected at each damage site during the 2003 survey.

## CODES FOR NUTRIA HERBIVORY SURVEY DATA

### <sup>1</sup>Marsh Type

Fresh	F
Intermediate	I
Brackish	B

### <sup>2</sup>Nutria Relative Abundance Rating

No Nutria Sign Visible	0
Nutria Sign Visible	1
Abundant Feeding Sign	2
Heavy Feeding	3

### <sup>3</sup>Vegetative Damage Rating

No Vegetative Damage	0
Minor Vegetative Damage	1
Moderate Vegetative Damage	2
Severe Vegetative Damage	3
Converted To Open Water	4

### <sup>4</sup>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

### <sup>5</sup>Prediction of Recovery by End of 2002 Growing Season

No Recovery Predicted	0
Full Recovery	1
Partial Recovery	2
Increased Damage	3

99 – Entry does not apply to this site.

SITE #	MARSH TYPE	LATITUDE	LONGITUDE	DAMAGE TYPE	DAMAGED ACRES	ACRES TO OPEN WATER	NRAR	VDR	AGE OF DAMAGE	PREDICTION	PARISH	TOWNSHIP AND RANGE
8	F	29.56970	-91.16380	Nutria	780	0	3	1	1	2	Terrebonne	T17SR13E
9	F	29.56433	-91.13733	Nutria	260	0	2	1	1	2	Terrebonne	T17SR13E
10	I	29.35900	-91.12783	Nutria	0	48	99	4	99	0	Terrebonne	T20SR13E
17	F	29.53970	-91.05040	Nutria	604	0	2	2	2	3	Terrebonne	T18SR14E
39	F	29.81850	-90.15083	Nutria	5	0	99	99	0	99	Jefferson	T14SR23E
40	I	29.81550	-90.17400	Nutria	123	0	1	2	1	2	St Charles	T14SR23E
49	B	29.64969	-90.13397	Nutria	200	0	0	3	2	0	Jefferson	T16SR23E
60	I	29.71800	-90.05267	Nutria	258	0	3	3	1	2	Jefferson	T16SR24E
92	I	29.70200	-90.07333	Nutria	687	0	1	2	1	2	Jefferson	T16SR24E
94	F	29.86470	-90.29470	Nutria	308	0	3	2	1	2	St Charles	T14SR21E
95	I	29.49350	-90.47650	Nutria	500	0	99	99	0	99	Lafourche	T18SR20E
97	I	29.70120	-90.19650	Nutria	151	0	3	3	2	2	Jefferson	T16SR22E
104	F	29.40983	-90.89017	Nutria	30	0	1	1	1	1	Terrebonne	T19SR15E
105	I	29.36983	-90.88450	Nutria	3070	0	0	1	1	1	Terrebonne	T19SR15E
107	F	29.53050	-90.94200	Nutria	25	0	1	1	2	2	Terrebonne	T18SR15E
108	F	29.43117	-90.94967	Nutria	50	0	0	1	1	2	Terrebonne	T19SR15E
109	F	29.52817	-90.98634	Nutria	100	0	2	1	1	2	Terrebonne	T18SR14E
111	I	29.39783	-90.82633	Nutria	20	0	1	1	1	1	Terrebonne	T19SR16E
112	I	29.40067	-90.79716	Nutria	20	0	1	2	2	2	Terrebonne	T19SR16E
113	F	29.54033	-90.80253	Nutria	25	0	99	99	0	99	Terrebonne	T18SR16E
117	F	29.38460	-91.04790	Nutria	572	0	2	2	1	2	Terrebonne	T19SR14E
120	F	29.60583	-91.07284	Nutria	1000	0	2	1	1	2	Terrebonne	T17SR14E
127	F	29.54855	-91.16078	Nutria	42	0	1	0	0	99	Terrebonne	T17SR13E
138	F	29.58583	-91.09917	Nutria	30	0	99	99	0	99	Terrebonne	T17SR13E
139	F	29.55100	-91.09650	Nutria	106	0	1	1	1	2	Terrebonne	T17SR13E
140	F	29.48183	-91.09566	Nutria	461	0	2	3	2	3	Terrebonne	T18SR13E
142	F	29.59490	-91.00900	Nutria	301	0	2	1	2	2	Terrebonne	T17SR14E
153	I	29.40883	-90.79500	Nutria	50	0	0	1	1	1	Terrebonne	T19SR16E
154	F	29.52184	-90.76283	Nutria	294	0	1	2	1	2	Terrebonne	T18SR17E
164	I	29.48583	-90.20917	Nutria	100	0	99	99	0	99	Lafourche	T18SR22E

170	F	29.82733	-90.49300	Nutria	100	0	99	99	0	99	Lafourche	T14SR19E
171	F	29.91920	-90.46960	Nutria	634	0	2	1	1	2	St Charles	T13SR20E
177	F	29.74400	-90.09200	Nutria	523	0	99	99	0	99	Jefferson	T15SR23E
178	I	29.71733	-90.09117	Nutria	97	0	2	2	1	2	Jefferson	T16SR23E
223	B	29.25370	-91.26130	Nutria		5	99	4	99	0	Terrebonne	T21SR12E
227	B	29.27230	-91.22970	Nutria	26	0	99	99	0	99	Terrebonne	T21SR12E
233	F	29.60630	-90.98210	Nutria	357	0	2	2	2	2	Terrebonne	T17SR14E
238	F	29.92470	-90.52030	Nutria	105	0	3	2	5	2	St Charles	T13SR19E
242	B	29.59390	-90.16320	Nutria	25	0	0	1	1	2	Lafourche	T17SR23E
244	I	29.73080	-90.09700	Nutria	54	0	0	2	1	2	Jefferson	T15SR23E
245	F	29.75400	-90.07240	Nutria	281	0	1	2	1	2	Jefferson	T15SR24E
248	I	29.72890	-89.76150	Nutria	35	0	0	1	1	2	Plaquemines	T15SR14E
250	I	29.78660	-89.90640	Nutria	1214	0	2	3	2	0	Plaquemines	T14SR13E
252	I	29.74550	-89.92383	Nutria	100	0	1	2	1	2	Plaquemines	T15SR13E
256	I	29.77060	-89.88370	Nutria	292	0	1	3	1	2	Plaquemines	T15SR13E
258	I	29.83730	-89.84390	Nutria	396	0	0	3	2	2	St Bernard	T14SR13E
259	I	29.82450	-89.84700	Nutria	149	0	0	2	1	2	St Bernard	T14SR13E
260	I	29.81860	-89.85650	Nutria	277	0	0	2	1	2	St Bernard	T14SR13E
264	B	29.69680	-89.67040	Nutria	21	20	99	4	99	0	Plaquemines	T16SR15E
265	B	29.73470	-89.66770	Nutria	5	0	99	99	0	99	St Bernard	T15SR15E
267	B	30.24680	-89.85750	Nutria	75	0	99	99	0	99	St Tammany	T9SR13E
270	F	29.57606	-91.19589	Nutria	10	0	1	1	1	2	Terrebonne	T17SR12E
272	F	29.51175	-91.12998	Nutria	43	0	2	1	1	2	Terrebonne	T18SR13E
274	F	29.56898	-91.06177	Nutria	290	0	3	2	1	2	Terrebonne	T17SR14E
278	F	29.51800	-91.10546	Nutria	1068	0	3	1	1	2	Terrebonne	T18SR13E
279	I	29.74581	-90.14887	Nutria	15	0	99	99	0	99	Jefferson	T15SR23E
285	B	30.09050	-89.82100	Nutria	326	0	0	1	1	2	Orleans	T11SR14E
286	B	30.18960	-89.69910	Nutria	338	0	0	3	1	2	St Tammany	T10SR15E
304	F	29.55107	-91.19370	Nutria	95	0	1	0	0	99	Terrebonne	T17SR12E
306	F	29.53650	-91.12470	Nutria	302	0	2	1	1	2	Terrebonne	T18SR13E
307	F	29.49550	-91.14580	Nutria	508	0	3	2	1	2	Terrebonne	T18SR13E
310	F	29.57950	-91.01000	Nutria	146	0	2	2	2	2	Terrebonne	T17SR14E
311	F	29.55360	-90.98250	Nutria	1361	0	3	2	2	2	Terrebonne	T17SR14E

314	F	29.43830	-90.82470	Nutria	19	0	1	2	1	2	Terrebonne	T19SR16E
315	I	29.42850	-90.78240	Nutria	95	0	3	2	5	2	Terrebonne	T19SR16E
324	B	30.27420	-89.93850	Nutria	22	0	0	2	1	2	St Tammany	T9SR13E
326	F	29.37869	-91.19480	Nutria	5	0	0	2	1	2	Terrebonne	T19SR12E
327	F	29.55190	-91.13190	Nutria	73	0	99	99	0	99	Terrebonne	T17SR13E
328	F	29.51670	-90.84390	Nutria	258	0	1	1	1	1	Terrebonne	T18SR16E
329	B	29.51060	-90.26340	Nutria	88	0	1	2	1	2	Lafourche	T18SR22E
331	I	29.79960	-90.22870	Nutria	25	0	1	1	1	2	St Charles	T15SR22E
332	I	29.81830	-90.19150	Nutria	71	0	3	3	2	2	St Charles	T14SR22E
333	I	29.67400	-90.17160	Nutria	20	0	1	3	2	0	Lafourche	T16SR23E
334	B	29.59140	-90.09860	Nutria	10	0	0	1	1	2	Jefferson	T17SR23E
336	I	29.72520	-89.91260	Nutria	5	0	1	2	1	2	Plaquemines	T15SR13E
337	I	29.68270	-89.94430	Nutria	154	0	1	1	1	1	Plaquemines	T16SR12E
338	I	29.81790	-89.81940	Nutria	10	0	0	3	2	2	St Bernard	T14SR14E
339	I	29.74700	-89.82390	Nutria	5	0	0	3	2	2	Plaquemines	T15SR14E
340	I	29.61630	-89.82390	Nutria	30	0	0	1	1	2	Plaquemines	T16SR14E
341	B	29.78570	-89.69310	Nutria	3	0	99	99	0	99	St Bernard	T14SR15E
342	B	29.34810	-91.25640	Muskrat	181	0		0	0	0	Terrebonne	T20SR12E
343	I	29.37000	-91.10460	Nutria	57	0	0	99	0	99	Terrebonne	T19SR13E
344	F	29.52830	-91.02000	Nutria	260	0	2	2	5	2	Terrebonne	T18SR14E
345	F	29.61360	-90.56680	Nutria	188	0	3	2	5	2	Lafourche	T17SR19E
346	F	29.87470	-90.16170	Nutria	34	0	2	2	1	2	Jefferson	T14SR23E
347	B	29.49840	-90.24020	Nutria	201	0	2	2	1	2	Lafourche	T18SR22E
348	I	29.62790	-90.10780	Nutria	33	0	1	3	2	2	Jefferson	T17SR23E
349	B	29.51160	-91.77920	Muskrat	338	0	0	3	2	3	Iberia	T17SR7E
350	B	29.50270	-91.82600	Muskrat	463	0	0	3	2	0	Iberia	T18SR6E
351	B	29.58410	-91.86310	Muskrat	46	0	0	2	1	2	Iberia	T17SR6E
352	B	29.51070	-91.84700	Muskrat	196	0	0	3	2	0	Iberia	T18SR6E
353	B	29.58980	-91.94900	Muskrat	3016	0	0	3	1	2	Iberia	T17SR5E
354	I	29.74760	-89.76610	Nutria	110	0	0	2	1	2	Plaquemines	T15SR14E
355	B	29.80070	-89.75760	Nutria	86	0	0	2	1	2	St Bernard	T14SR14E
356	B	30.02860	-89.73070	Nutria	636	0	0	2	1	1	Orleans	T12SR15E
357	B	29.89990	-89.57330	Muskrat	883	0	0	3	1	2	St Bernard	T13SR16E

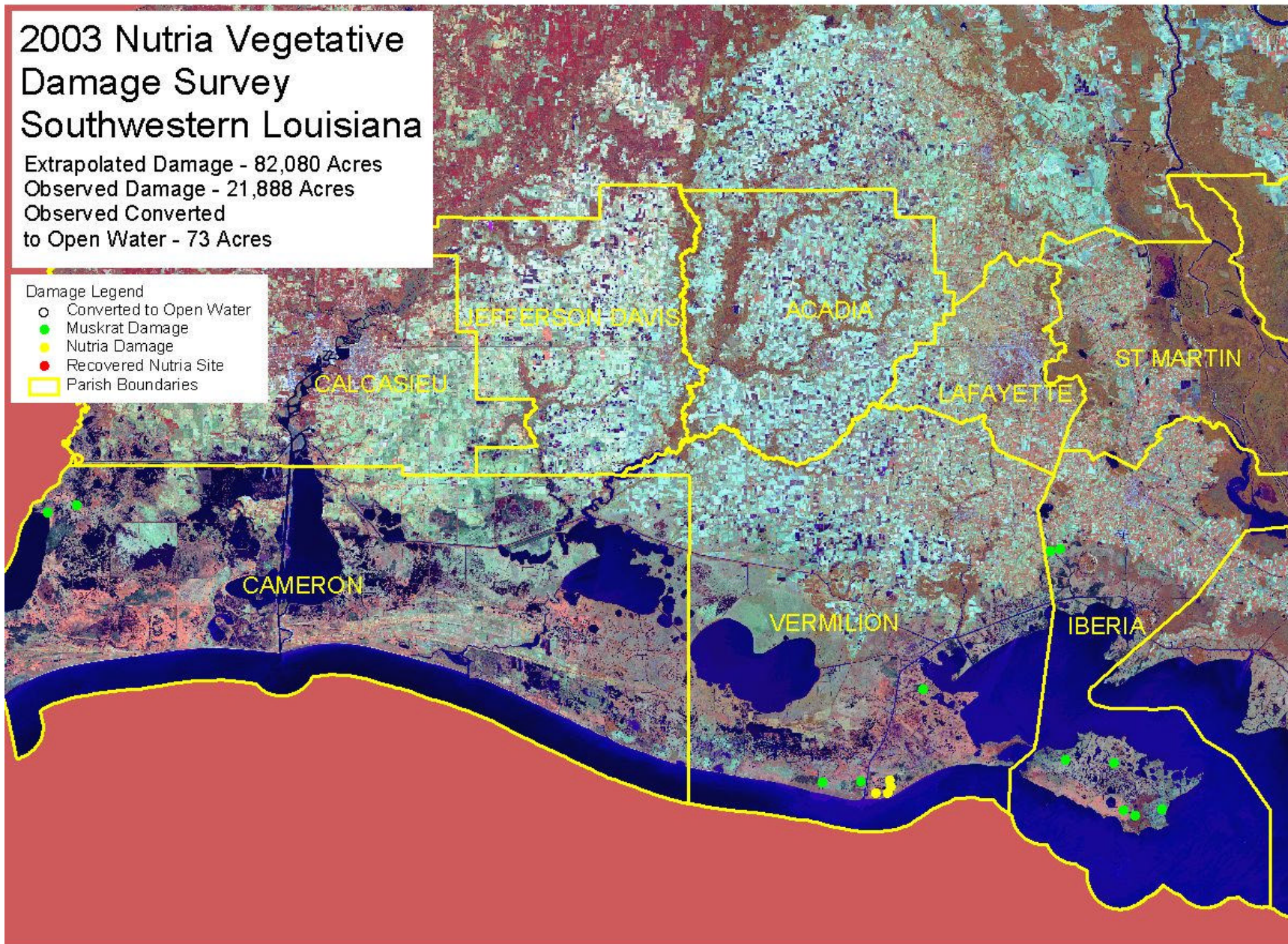
358	B	29.95860	-89.53910	Muskrat	1666	0	0	3	2	0	St Bernard	T13SR17E
359	B	29.97300	-89.49470	Muskrat	1486	0	0	3	1	2	St Bernard	T12SR17E
360	I	29.72160	-89.88820	Nutria	74	0	1	2	1	2	Plaquemines	T15SR13E
361	I	29.91730	-91.95540	Muskrat	6	0	0	2	3	1	Iberia	T13SR5E
362	I	29.91370	-91.97180	Muskrat	103	0	0	3	5	2	Iberia	T13SR5E
363	B	29.70180	-92.20080	Muskrat	61	0	0	0	3	2	Vermilion	T15SR3E
364	B	29.55990	-92.26100	Nutria	50	0	2	2	5	3	Vermilion	T17SR2E
365	B	29.55020	-92.26060	Nutria	454	0	1	2	5	3	Vermilion	T17SR2E
366	B	29.54050	-92.26590	Nutria	31	0	1	2	5	3	Vermilion	T17SR2E
367	B	29.54150	-92.28630	Nutria	351	0	1	2	5	2	Vermilion	T17SR2E
368	B	29.55990	-92.31310	Muskrat	220	0	0	3	2	2	Vermilion	T17SR1E
369	B	29.55750	-92.38240	Muskrat	240	0	1	2	5	3	Vermilion	T17SR1E
370	I	29.98810	-93.70920	Muskrat	67	0	0	2	2	2	Cameron	T12SR13W
371	B	29.97640	-93.75930	Muskrat	325	0	0	2	2	2	Cameron	T12SR14W
372	F	29.50520	-91.16600	Nutria	3	0	3	2	5	2	Terrebonne	T18SR13E
373	F	29.95500	-90.63440	Nutria	20	0	1	1	5	1	St John	T13SR18E
374	F	29.72400	-90.41760	Nutria	42	0	1	2	5	2	Lafourche	T15SR20E
375	F	29.68510	-90.63310	Nutria	46	0	2	2	5	3	Lafourche	T16SR18E
376	B	29.55130	-89.73090	Nutria	88	0	0	2	1	2	Plaquemines	T17SR15E
377	I	29.74290	-89.94520	Nutria	413	0	3	3	5	2	Plaquemines	T15SR12E
378	B	29.98980	-89.53260	Muskrat	859	0	0	3	1	2	St Bernard	T12SR17E



# 2003 Nutria Vegetative Damage Survey Southwestern Louisiana

Extrapolated Damage - 82,080 Acres  
Observed Damage - 21,888 Acres  
Observed Converted  
to Open Water - 73 Acres

- Damage Legend
- Converted to Open Water
  - Muskrat Damage
  - Nutria Damage
  - Recovered Nutria Site
  - ▭ Parish Boundaries

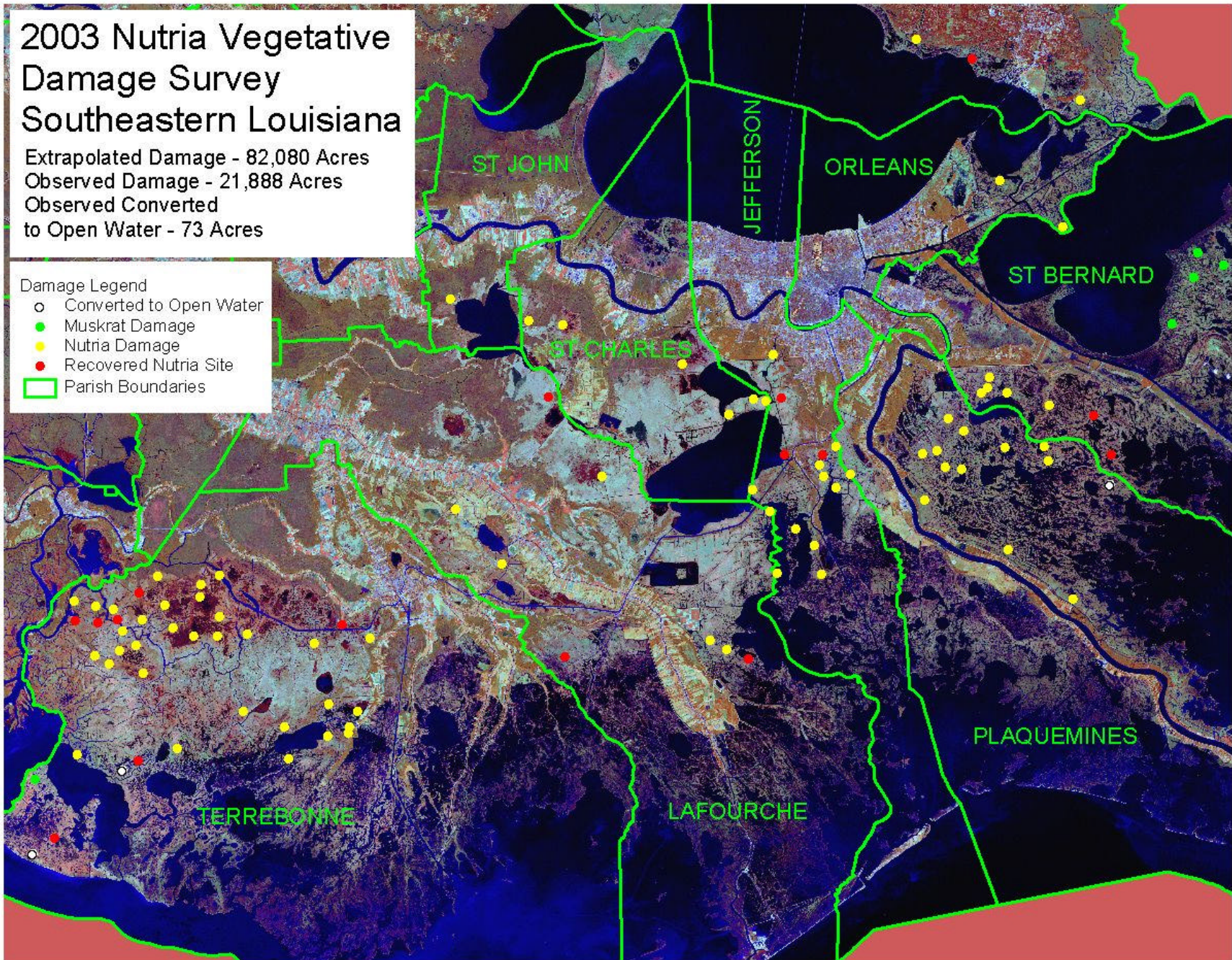


# 2003 Nutria Vegetative Damage Survey Southeastern Louisiana

Extrapolated Damage - 82,080 Acres  
Observed Damage - 21,888 Acres  
Observed Converted  
to Open Water - 73 Acres

## Damage Legend

- Converted to Open Water
- Muskrat Damage
- Nutria Damage
- Recovered Nutria Site
- ▭ Parish Boundaries



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**STUDIES OF ACTIVE GEOLOGIC FAULT IMPACTS ON COASTAL LOUISIANA**

**For Report**

- a. Dr. Woody Gagliano will present a summary of Coastal Environments Inc.'s study titled "Active Geologic Faults and Land Change in Southeastern Louisiana". This study was funded by the U.S. Army Corps of Engineers.
- b. Mr. Del Britsch will present additional comments regarding the Coastal Environment Inc.'s study and the direction of future work addressing the understanding of active faults in coastal restoration.
- c. Dr. Bob Morton of the USGS will present "Subsurface Controls on Historical Subsidence Rates and Associated Wetland Loss in Southcentral Louisiana". (Dr. Morton's complete presentation will be given at a National Academy of Sciences meeting the following day on August 15 at the Monteleon Hotel in New Orleans)

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**LCA UPDATE – PUBLIC MEETINGS AND SCHEDULE**

**For Report**

Mr. Troy Constance will present a summary of LCA activities.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**ADDITIONAL AGENDA ITEMS**

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**REQUEST FOR PUBLIC COMMENT**

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**DATE AND LOCATION OF THE NEXT TASK FORCE MEETING**

The next Task Force meeting is tentatively scheduled for 9:30 a.m., October 16, 2003 in Baton Rouge, Louisiana at the Department of Wildlife and Fisheries Building. Final details will be provided via public notice and the Breaux Act (CWPPRA) Internet webpage.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

August 14, 2003

**DATE AND LOCATION OF FUTURE PROGRAM MEETINGS**

September 17, 2003	9:30 a.m.	Technical Committee meeting	Baton Rouge
October 16, 2003	9:30 a.m.	Task Force meeting	Baton Rouge
December 10, 2003	9:30 a.m.	Technical Committee meeting	New Orleans
January 28, 2004	9:30 a.m.	Task Force meeting to select PPL 13	New Orleans
March 17, 2004	9:30 a.m.	Technical Committee meeting	New Orleans
April 14, 2004	9:30 a.m.	Task Force meeting	Lafayette
July 14, 2004	9:30 a.m.	Technical Committee meeting	Baton Rouge
August 18, 2004	9:30 a.m.	Task Force meeting	New Orleans
September 15, 2004	9:30 a.m.	Technical Committee meeting	Baton Rouge
October 13, 2004	9:30 a.m.	Task Force meeting	Baton Rouge
December 8, 2004	9:30 a.m.	Technical Committee meeting	New Orleans
January 26, 2005	9:30 a.m.	Task Force meeting	New Orleans