

**MR. BODIN**

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

**TASK FORCE MEETING**

**July 23, 1997**

**Coastal Wetlands Planning,  
Protection and Restoration Act  
60  
(CWPPRA)**



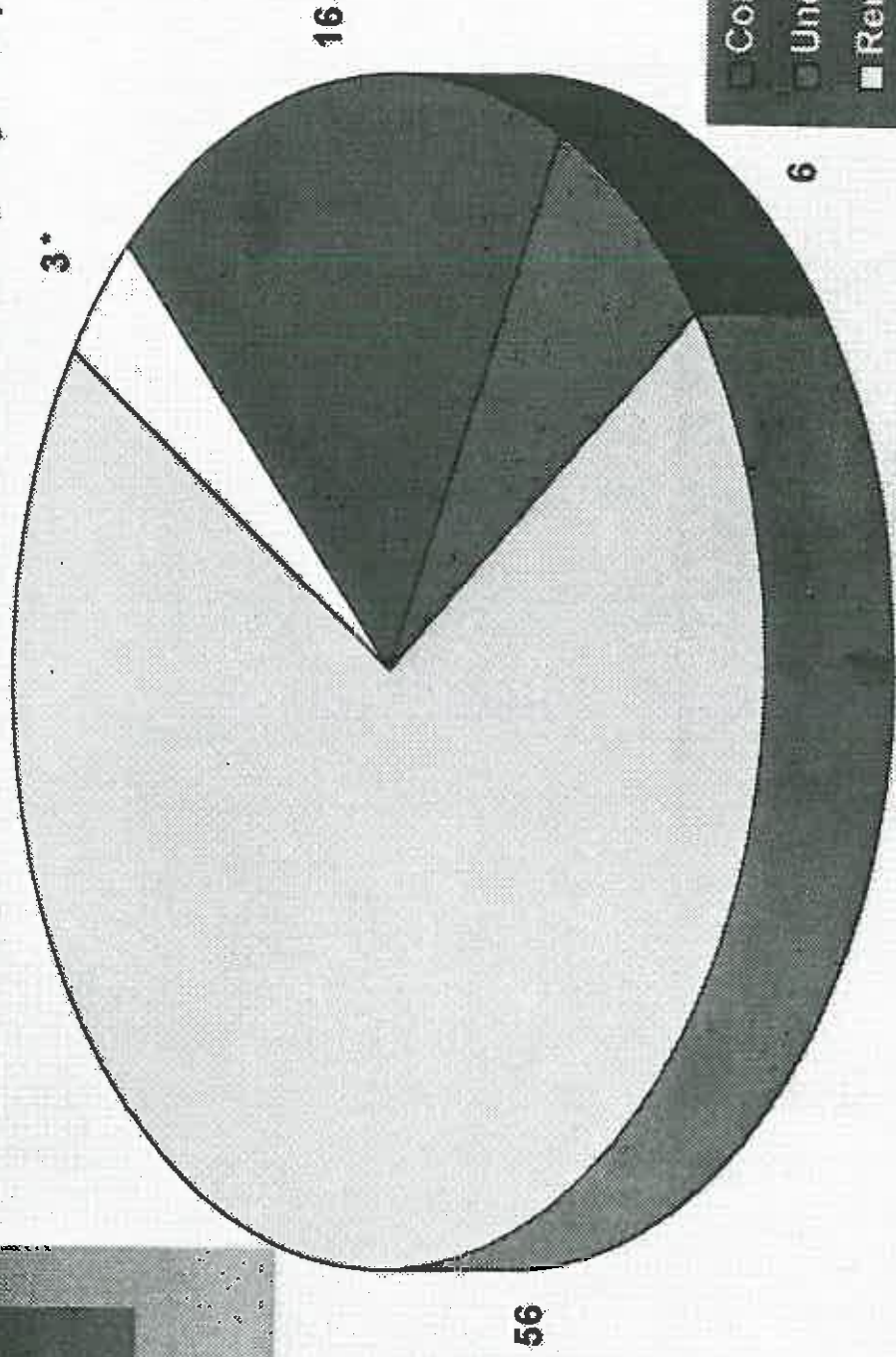
**Helping Rebuild Coastal Louisiana**

**Helping**

# Status of Projects



## Project Construction Status (81 projects)



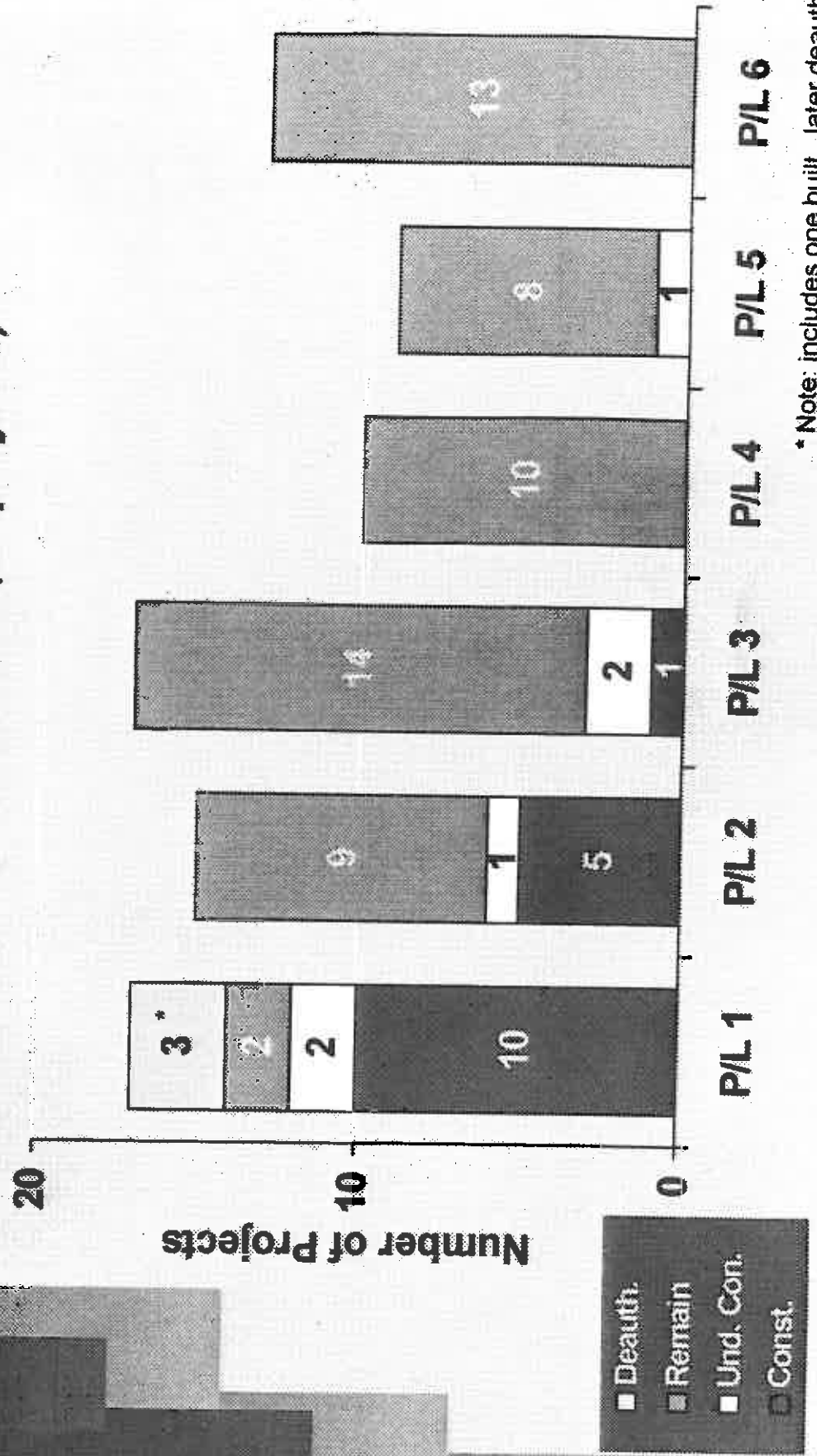
- Constructed
- Under Construction
- Remaining
- Deauthorized

\* includes one built, but later deauth.

# Status of Projects



Priority List Status (81 projects)

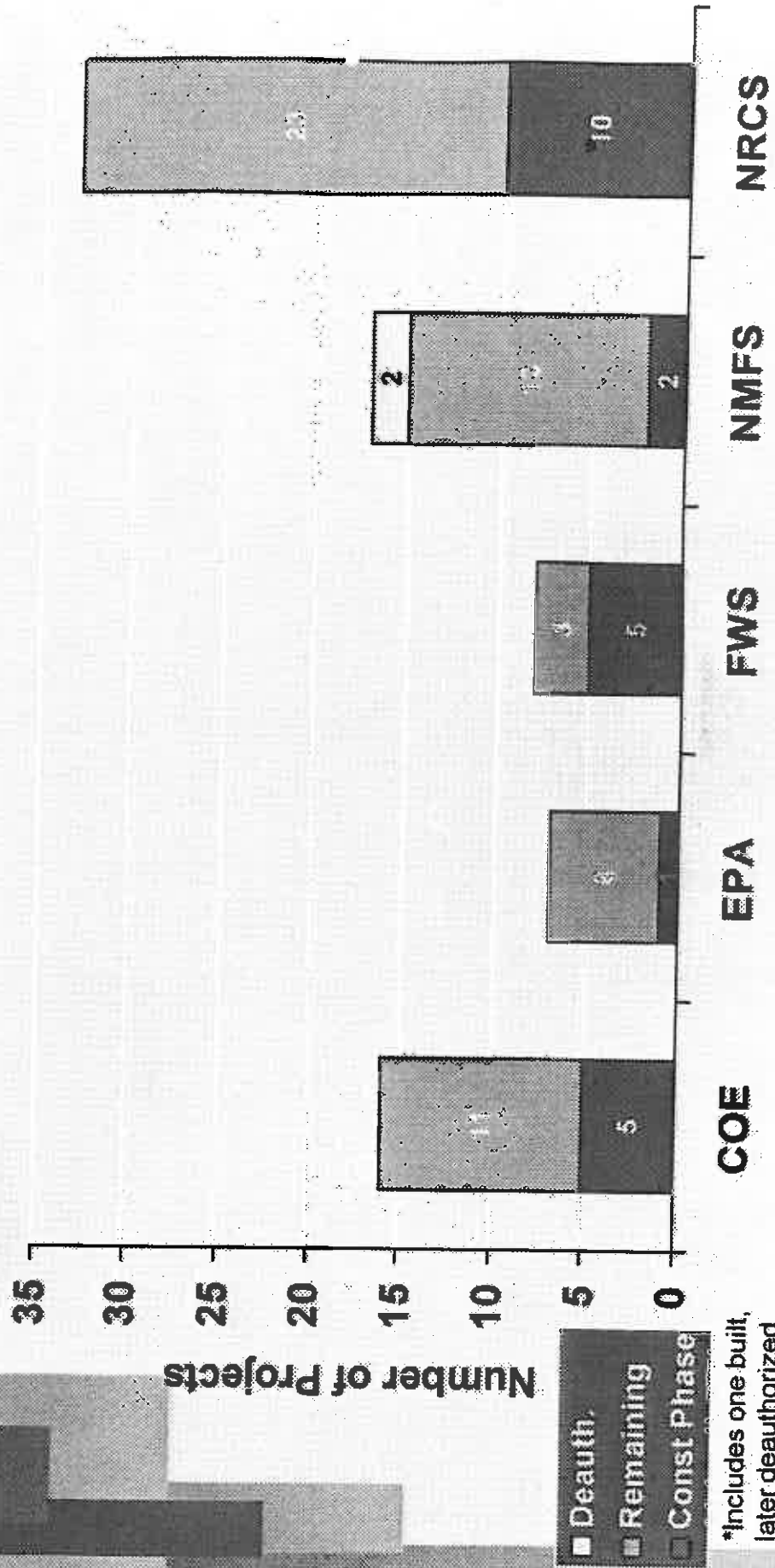


\* Note: includes one built, later deauth.

# Status of Projects



Lead Agency Status (81 projects)

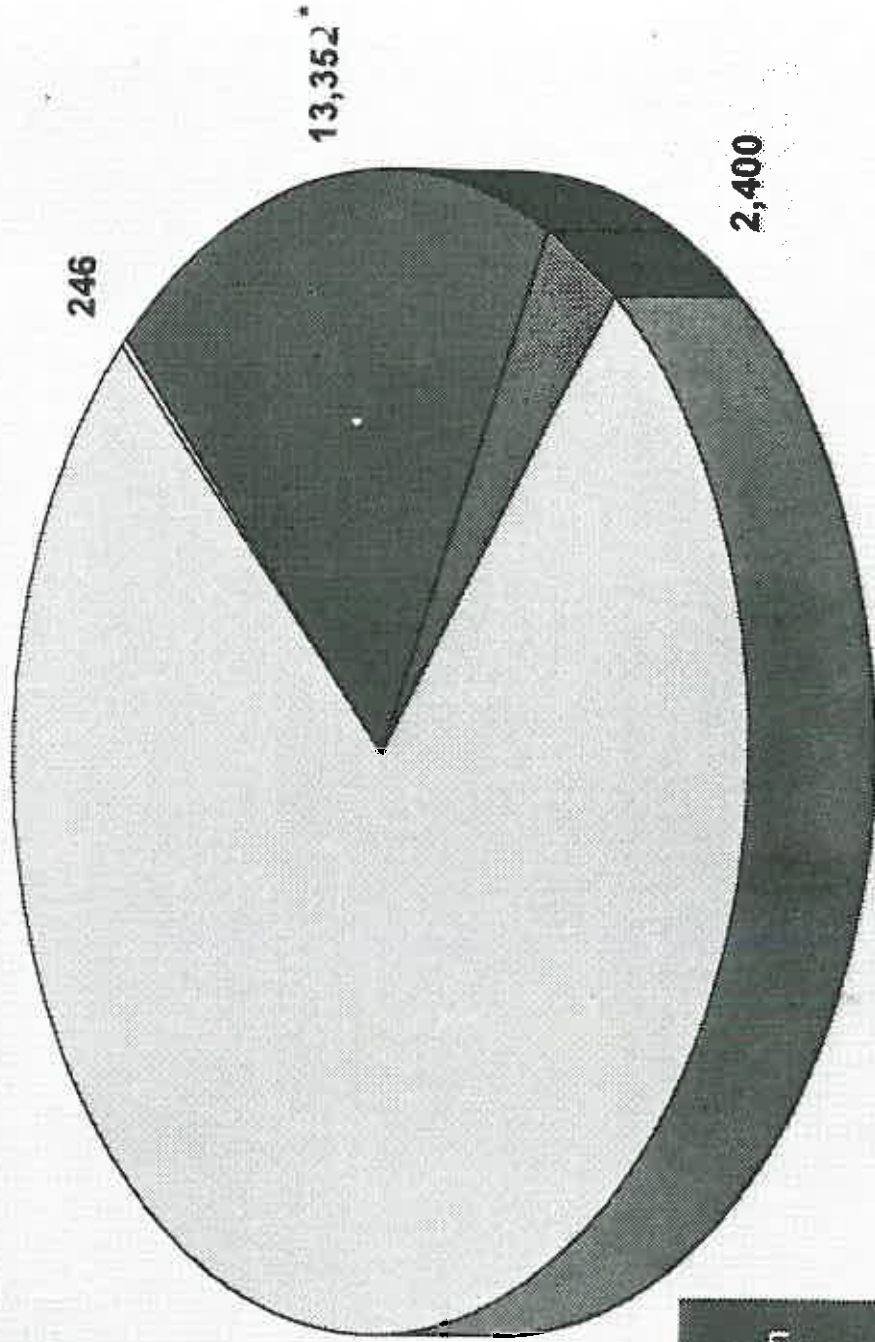


\*Includes one built, later deauthorized.

# Status of Projects



Area Benefited (in Acres)



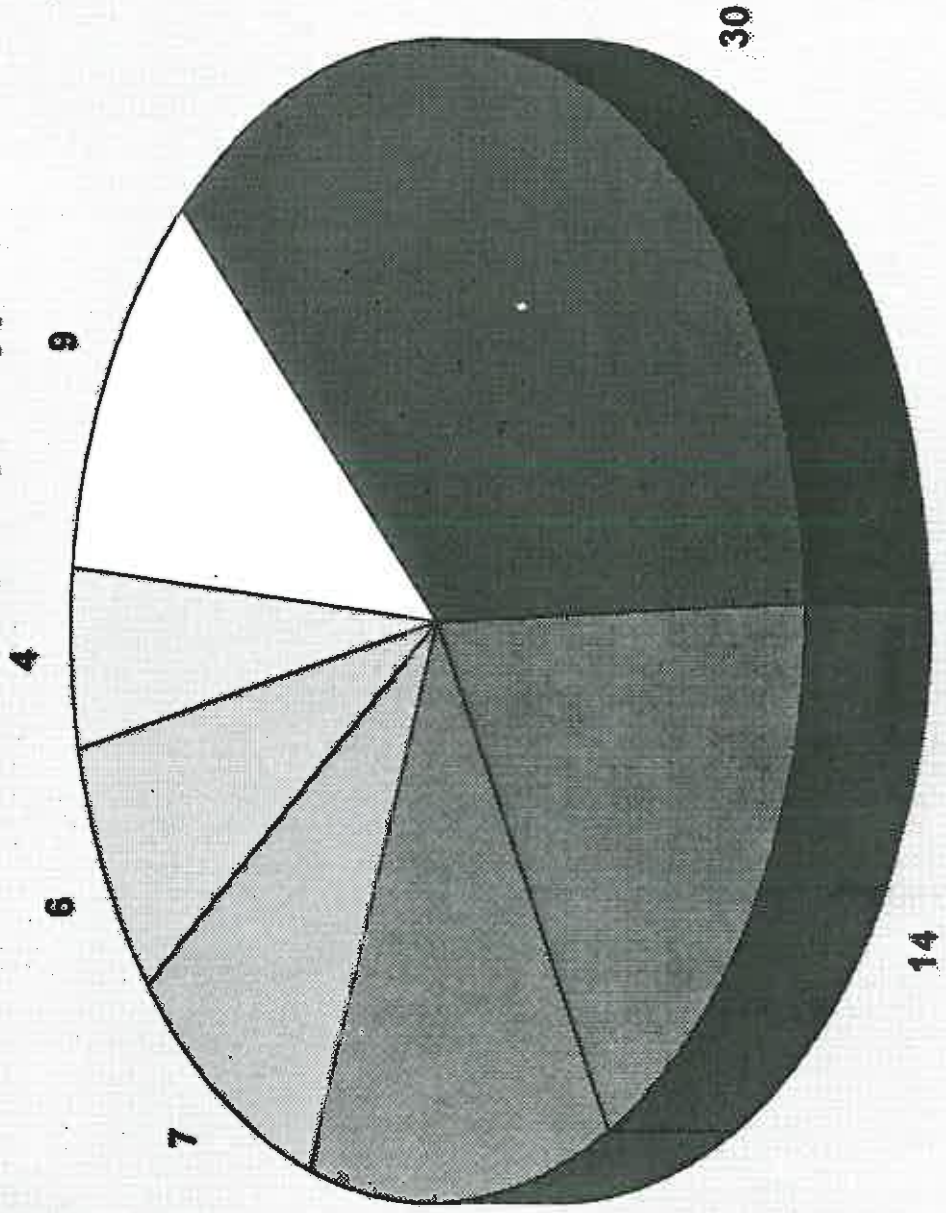
- Constructed
- Under Construction
- Remaining
- Deauthorized

\* includes 312 acres later deauthorized

# Status of Projects



Number of Projects, by Major Type

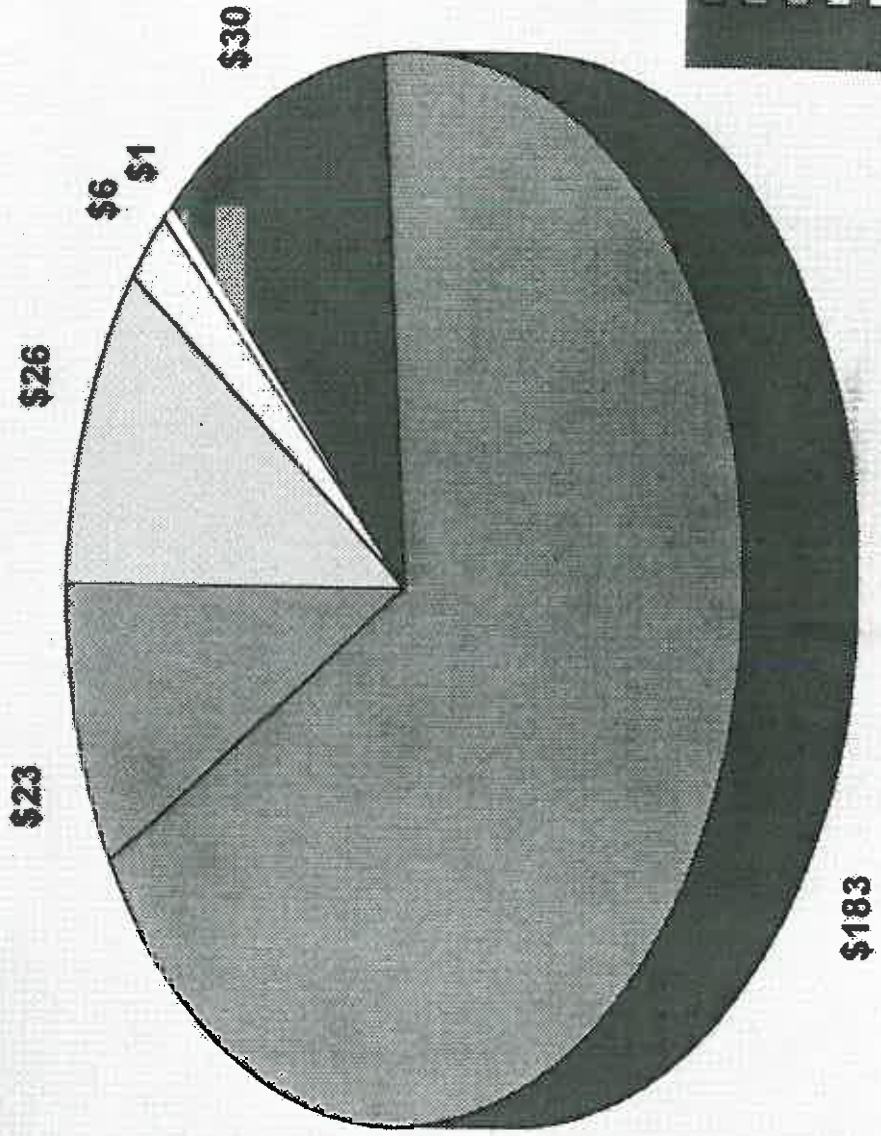


- Hydrologic Mgmt.
- Shoreline Protection
- Marsh Creation
- Riverine Diversions
- Vegetative Plantings
- Island Restoration
- Other (FD/SD/ST/HC)

# Projects Funding Status



Total Funding Status (in \$ million)



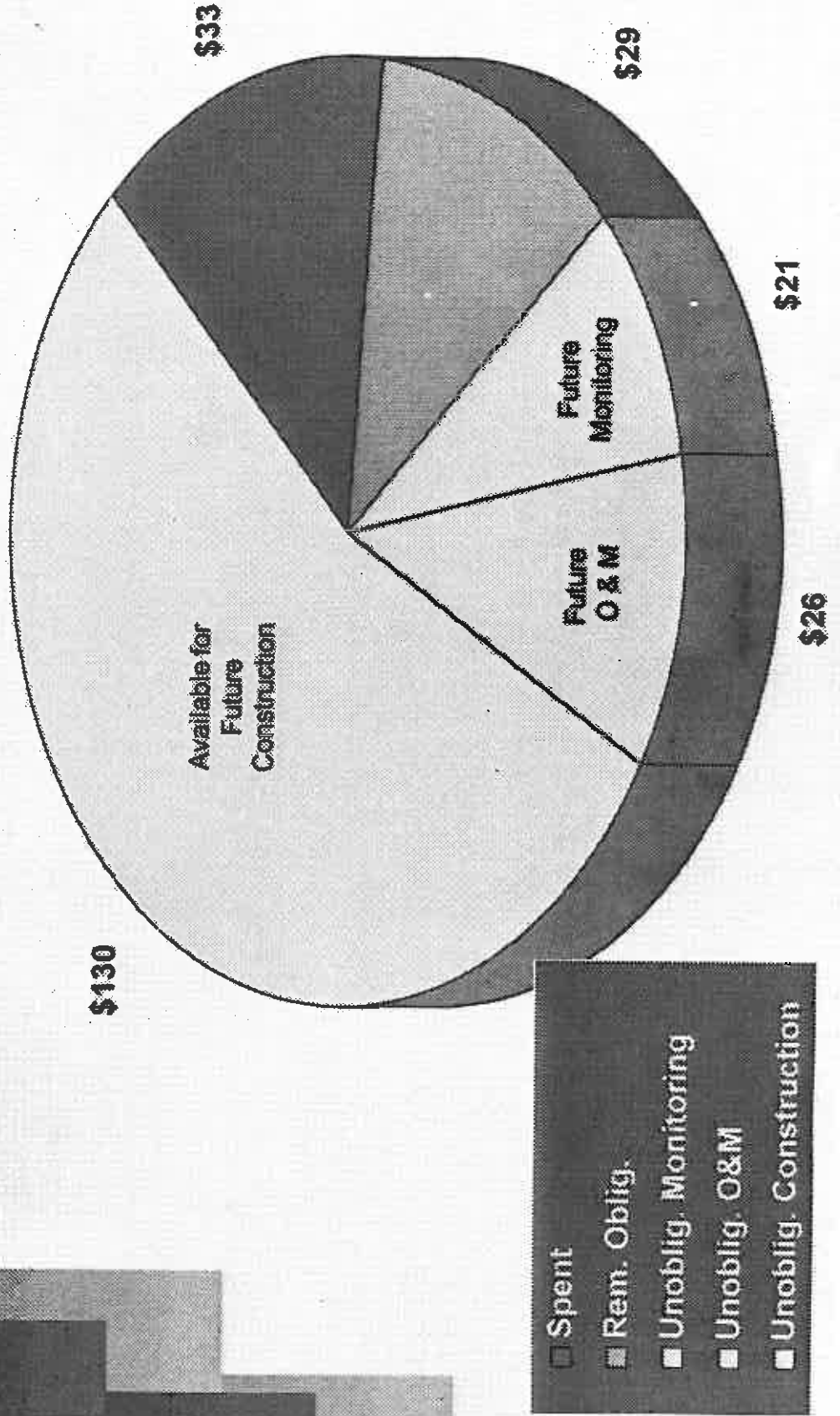
- Planning
- Construction
- Monitoring
- O & M
- Contingencies
- Undesignated



# Projects Funding Status



Construction Funding Status, 81 Projects (in \$ millions)



# Projects Funding Status



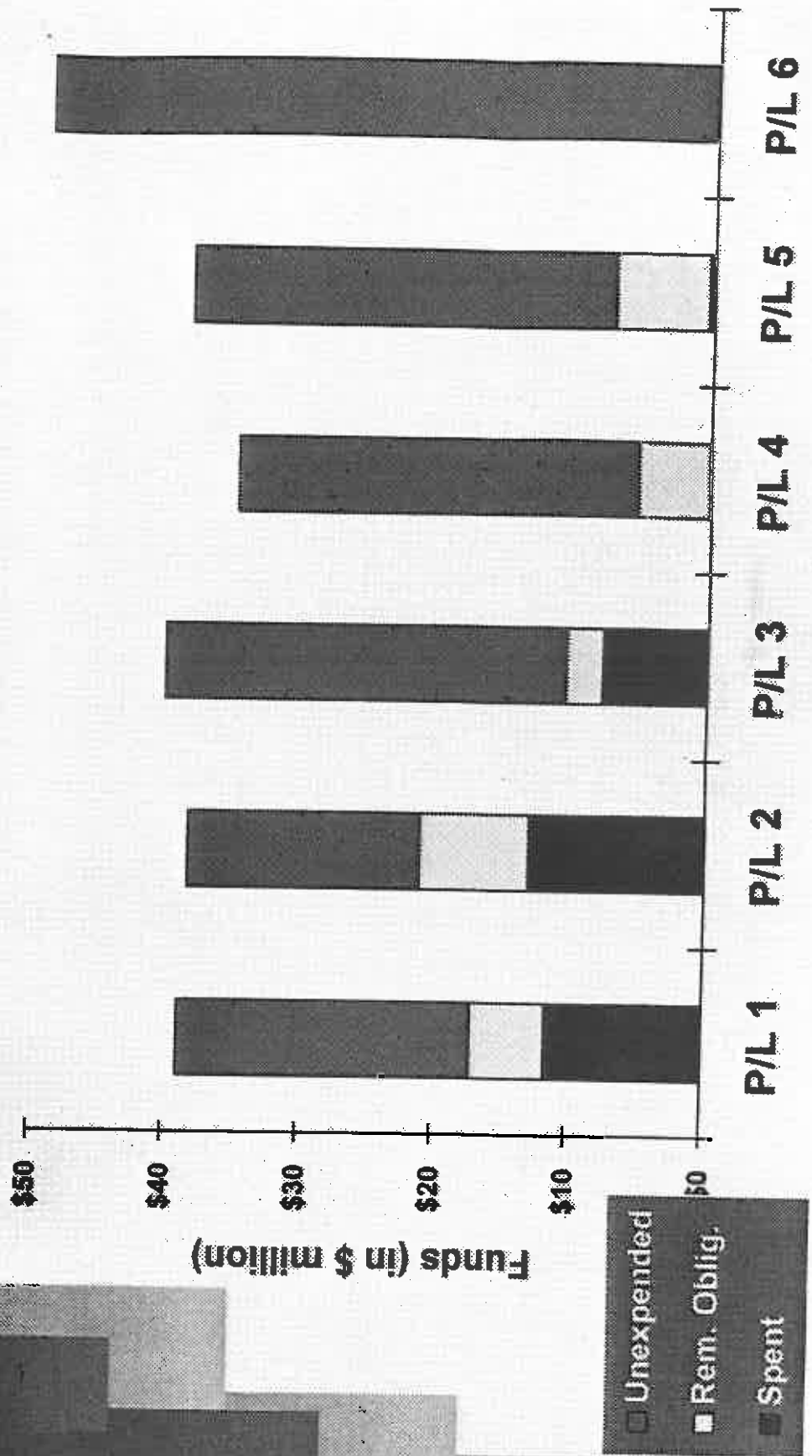
## Construction Funds Overview

|                         |                 |
|-------------------------|-----------------|
| • Available Funds       | \$239.5 million |
| • Current Estimate      | \$238.3 million |
| – Construction          | \$182.6 million |
| – O&M                   | \$ 26.0 million |
| – Monitoring            | \$ 23.3 million |
| – Contingencies         | \$ 6.4 million  |
| • Obligations (to date) | \$ 61.6 million |
| – Expenditures          | \$ 32.9 million |
| – Remaining Obligations | \$ 28.7 million |

# Projects Funding Status



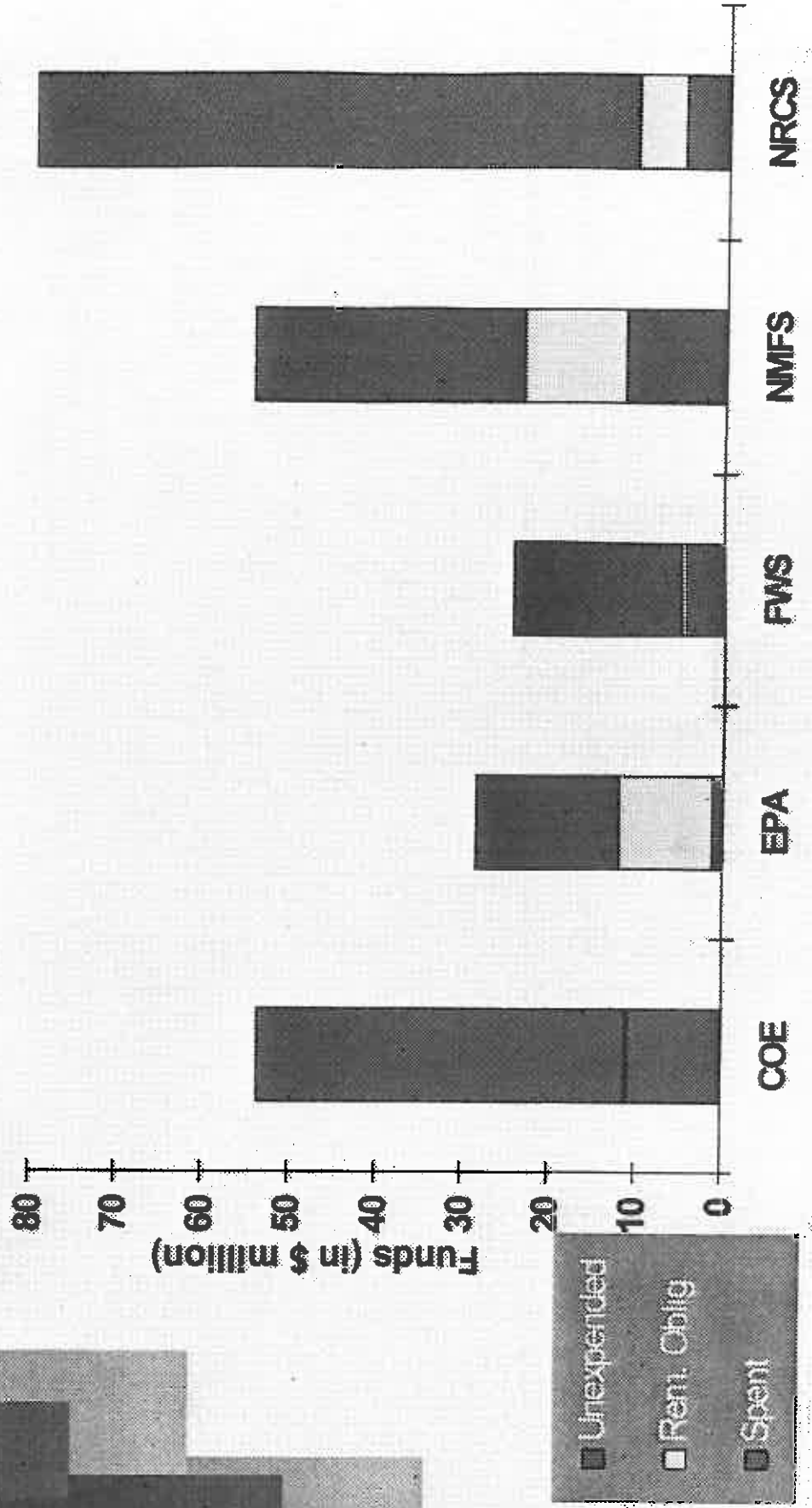
Total Construction Funds Available



# Projects Funding Status



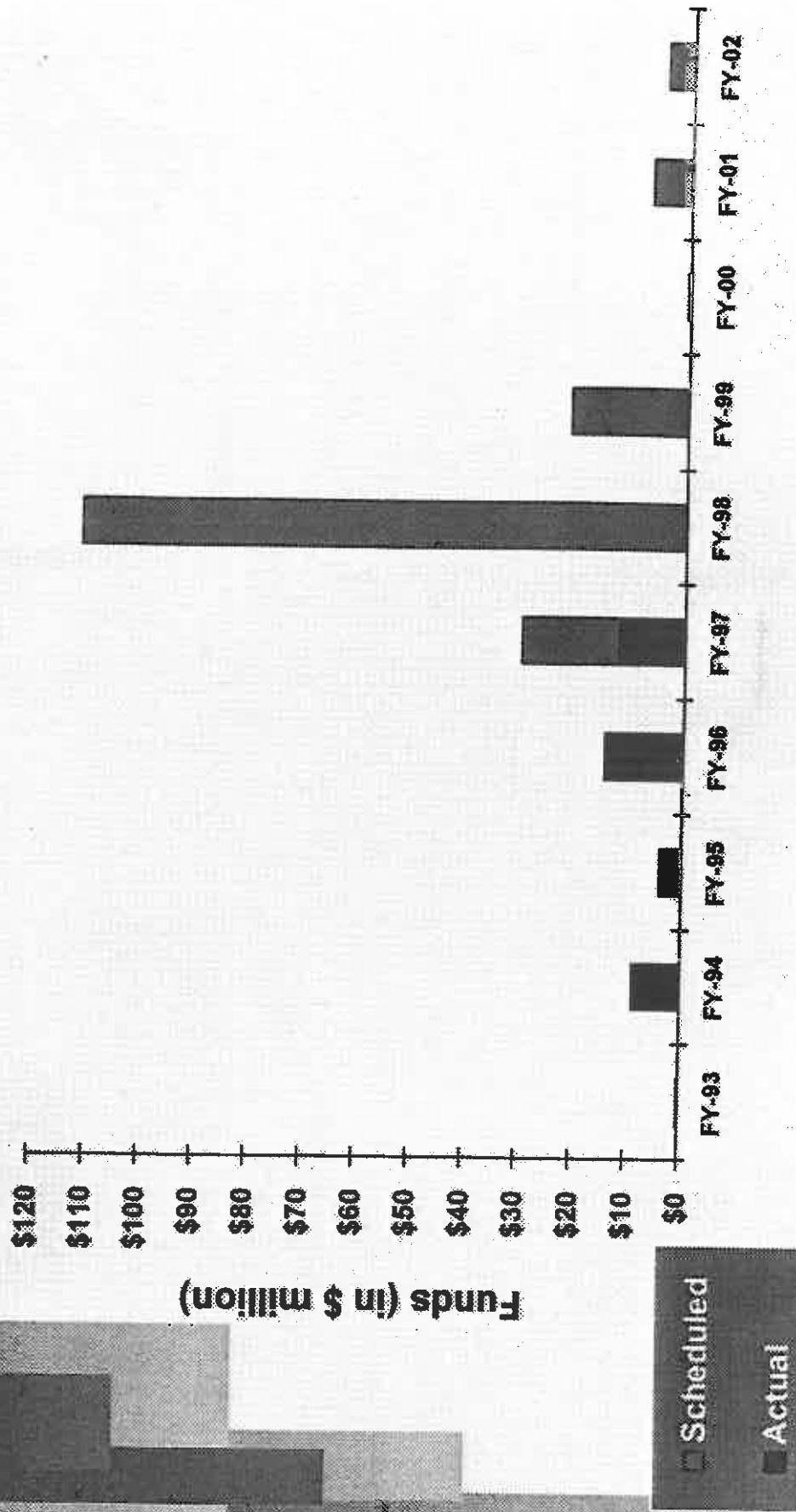
Construction Funds by Agency



# Projects Funding Status



## Value of Projects Begun



Excludes unscheduled P/L 1-5 and P/L 6 projects estimated at \$22.4 M and \$24.9 M, respectively

# Project Funding Status



## Remaining Construction Schedule

|        |             |                 |
|--------|-------------|-----------------|
| FY 97  | 8 projects  | \$ 17.6 million |
| FY 98  | 29 projects | \$111.2 million |
| FY 99  | 7 projects  | \$ 21.6 million |
| FY 00  | 1 project   | \$ 0.5 million  |
| FY 01  | 1 project   | \$ 7.1 million  |
| FY 02  | 1 project   | \$ 4.9 million  |
| Unsch. | 13 projects | \$ 47.3 million |
| Total  | 47 projects | \$210.2million  |

# Project Funding Status



## Projected FY 97 Construction

|       |            |                |
|-------|------------|----------------|
| COE   | 2 projects | \$ 1.3 million |
| FWFS  | 1 projects | \$ 0.8 million |
| NRCS  | 3 projects | \$12.7 million |
| NMFS  | 1 projects | \$ 2.6 million |
| EPA   | 1 projects | \$ 0.4 million |
| Total | 8 projects | \$17.8 million |

# Project Funding Status



## Projected Calendar Year 1997

### Construction

|      |             |                 |
|------|-------------|-----------------|
| COE  | 4 projects  | \$ 9.7 million  |
| EPA  | 4 projects  | \$ 13.6 million |
| NMFS | 5 projects  | \$ 14.9 million |
| NRCS | 10 projects | \$ 34.5 million |

Total 20 projects \$77.6 million



# Project Execution Time



## **Authorization to construction start**

• Average 39 months

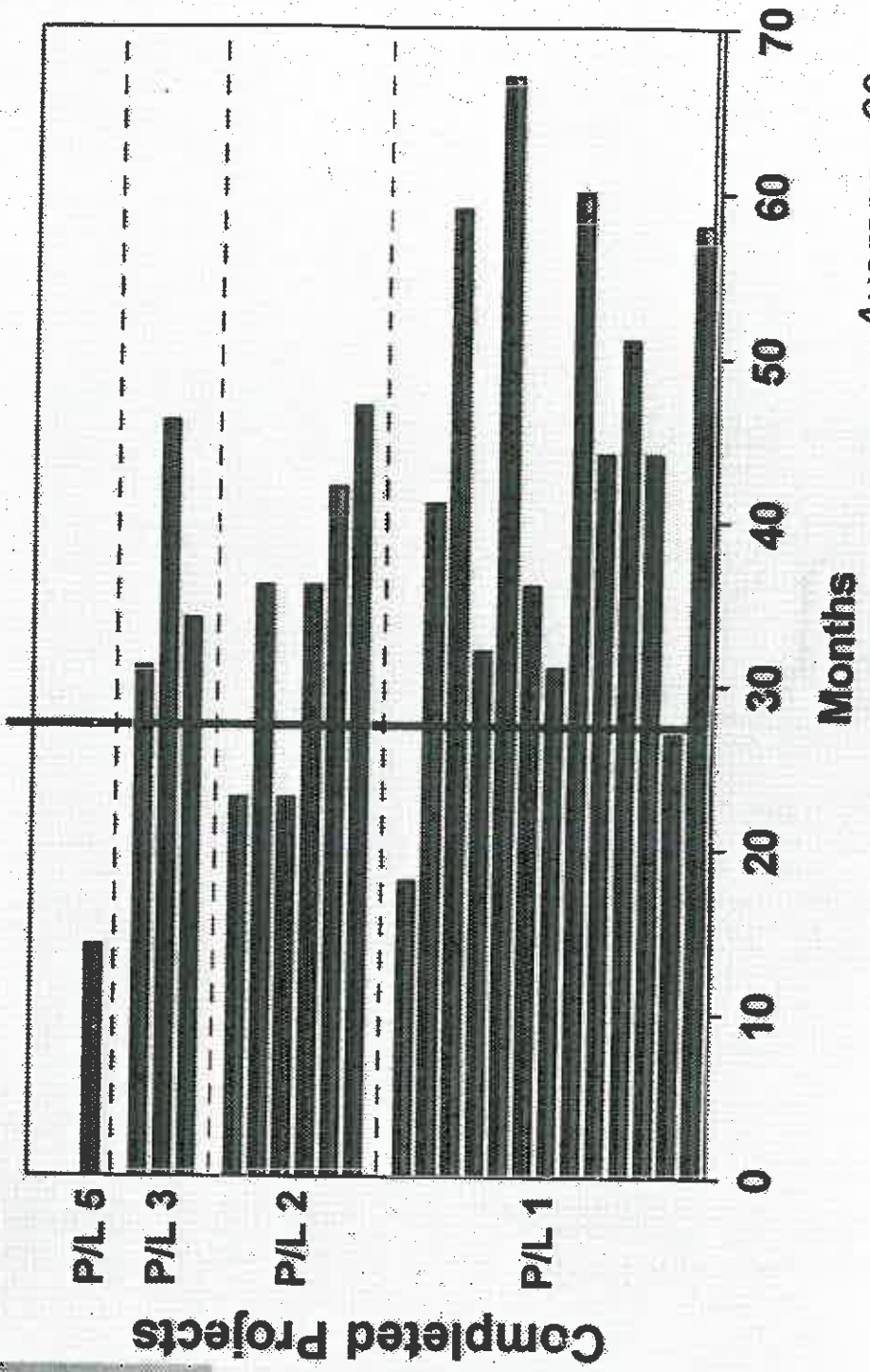
## **Schedule Slippage**

• Average is 26 months

# Project Execution Time



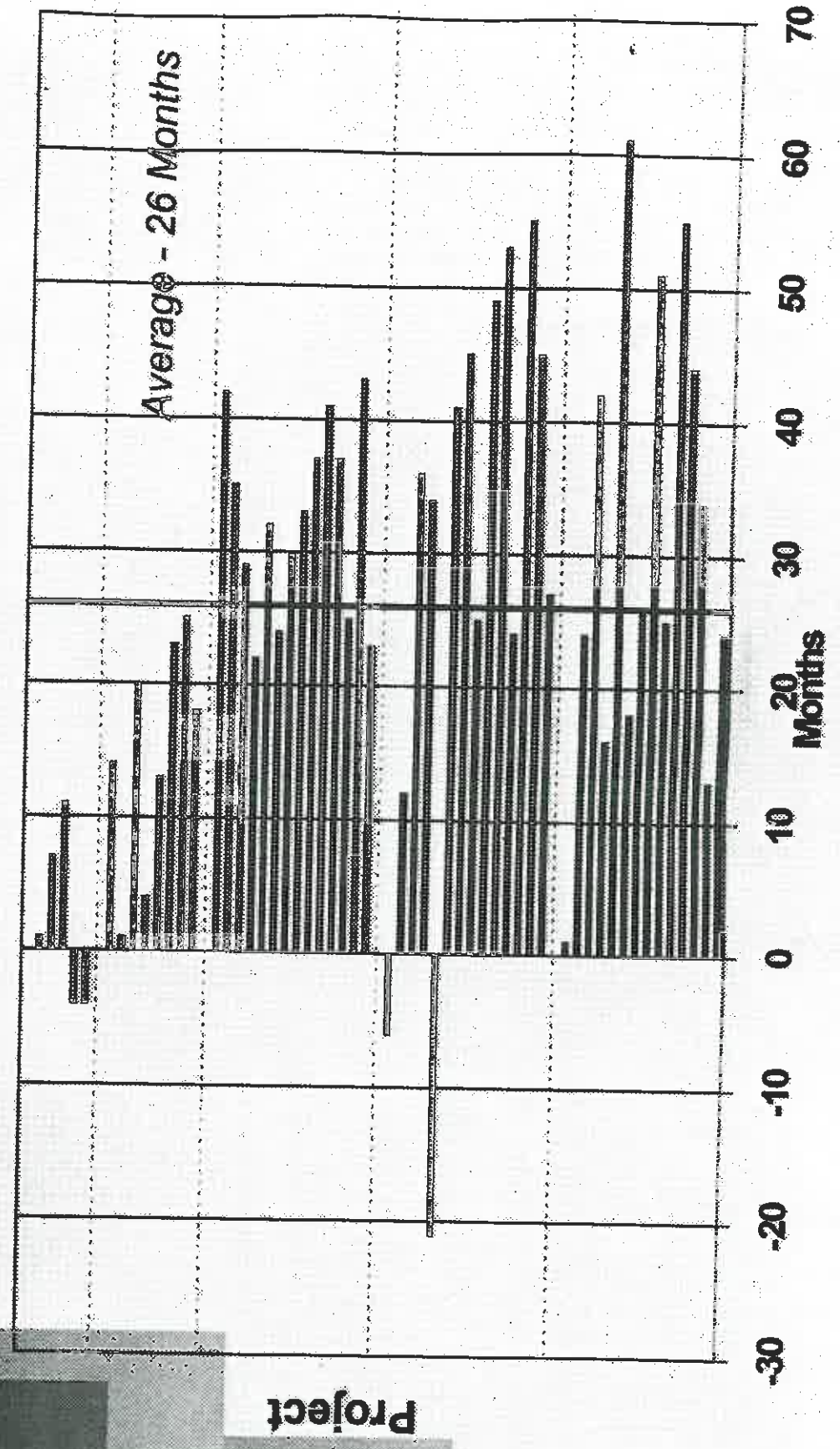
Time from P/L Approval to Contract Award





# Project Execution Time

Schedule Slippage - Original vs Current (55 projects)



# Performance



## Projects

Oct. 96    Apr. 96    Jul. 97

CSAs Executed

42    50    58

Projects Started (prior Q)

—    0    3

Projects in Construction

7    5    6

Projects Completed

11    15    17

Total Projects

68    68    81

Note: Excludes State Conservation Plan

# Performance



## Funding

|                     | Oct 96  | Apr. 97 | Jul. 97 |
|---------------------|---------|---------|---------|
| Total Const. Funds  | \$190.4 | \$190.4 | \$239.6 |
| Const. Estimate     | \$179.0 | \$174.6 | \$238.3 |
| Const. Obligations  | \$ 48.7 | \$ 59.4 | \$ 61.6 |
| Const. Expenditures | \$ 27.8 | \$ 31.0 | \$ 32.9 |

# Performance



## ☑ Scheduled Construction

|        | Oct. 98 | Apr. 97 | Jul. 97 |
|--------|---------|---------|---------|
| FY-97  | 21      | 12      | 3       |
| FY-98  | 9       | 24      | 29      |
| FY-99  | 2       | 6       | 7       |
| FY-00  | 0       | 0       | 1       |
| FY-01  | 0       | 0       | 1       |
| FY-02  | 0       | 0       | 1       |
| Unsch. | 15      | 5       | 13      |

# *Construction Issues*



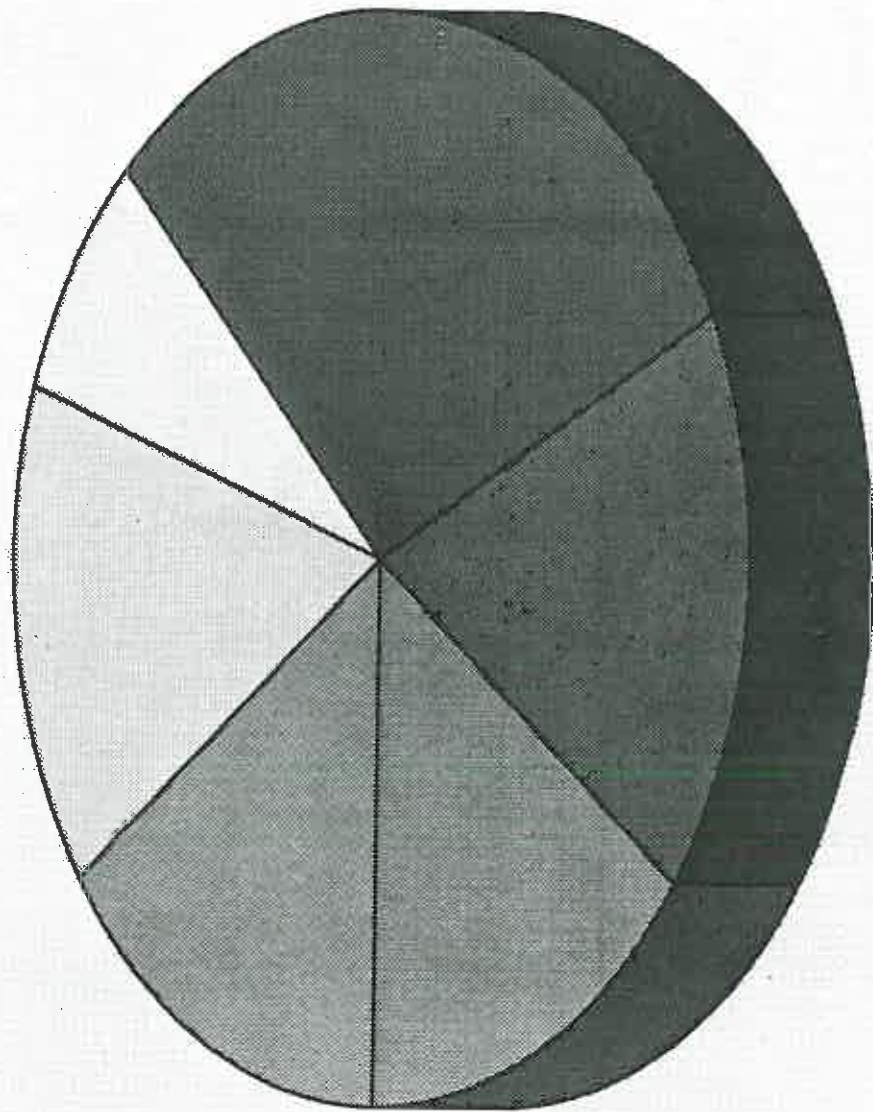
## **Implementation Issues**

- *Land Rights*
- *CSAs*
- *Design Changes*
- *Permits*
- *Politics*
- *Oysters*
- *Relocations*
- *Others*

# Construction Issues



Problems Associated with Projects that Slipped in FY-97

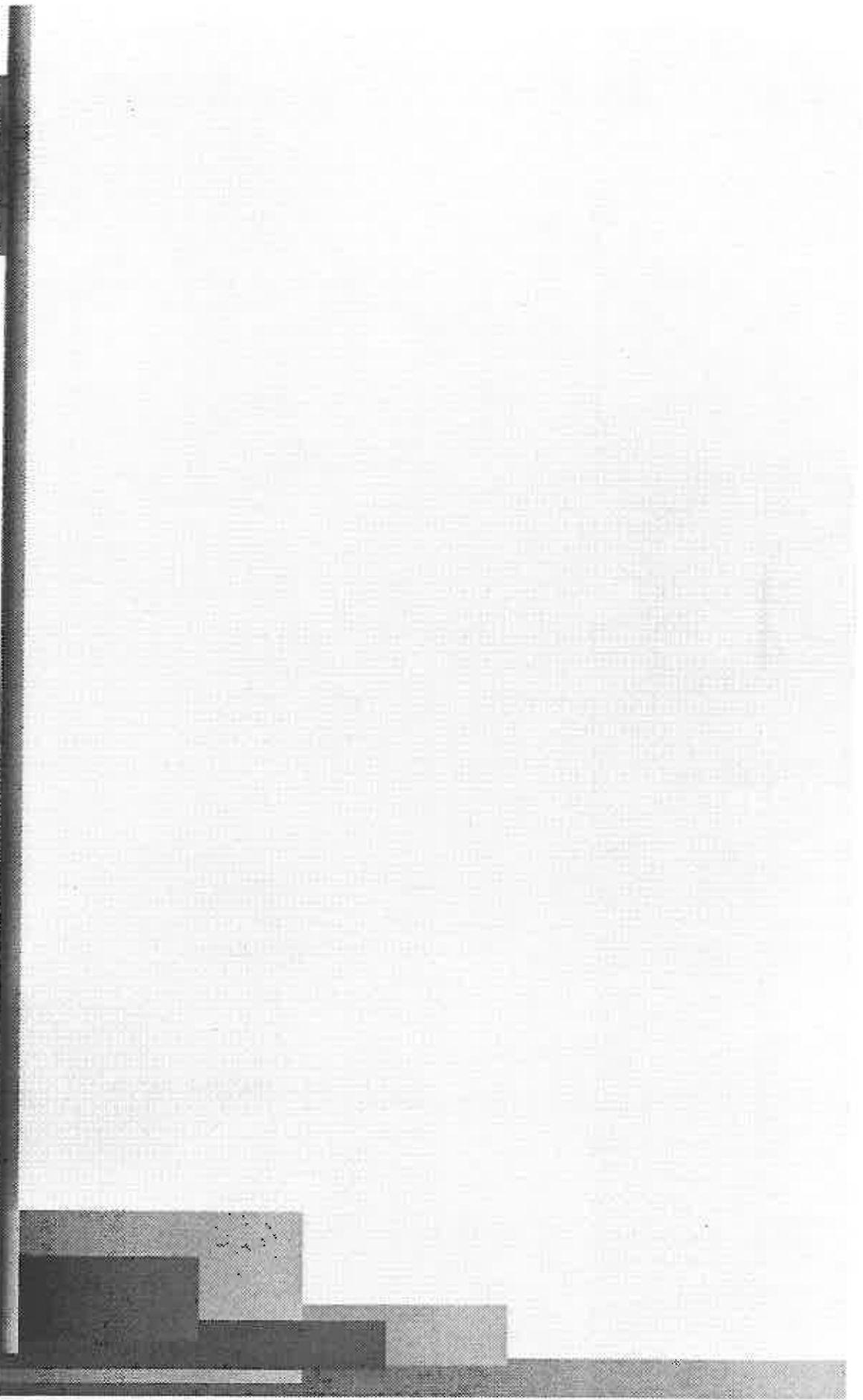


- Land Rights
- CSAs
- Others
- Permits/NEPA
- Politics
- Design Changes





# *General Recommendations*



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

23 July 1997

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| Status of the Louisiana Coastal Wetlands Restoration Plan Evaluation Report.....  | O   |
| Status of Development of the State Conservation Plan.....   | P   |
| Outreach Committee Report .....   | Q   |
| Status of Feasibility Studies .....   | R   |

07/21/97

07:23:19 PM

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

23 July 1997

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COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

**TASK FORCE MEETING**

**New Orleans, Louisiana**

23 July 1997

10:00 a.m.

**AGENDA**

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| <b>I. Meeting Initiation</b>  |            |
| A. Introduction of Task Force Members or Alternates   |            |
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| <b>VI. Report on Estimated Construction Funds Available for the 7<sup>th</sup> Priority Project List -- Mr. Podany.....</b>   | <b>H</b>   |
| <b>VII. Construction Approvals -- Mr. Schroeder.....</b>  | <b>I</b>   |
| <b>VIII. Approval of Monitoring Plans for Perry Ridge (CS-24) and the Beneficial Use of Hopper Dredge Material (MR-08) - Mr. Schroeder.....</b>                           | <b>J</b>   |
| <b>IX. Revised Standard Operating Procedure for Demonstration Projects -- Mr. Schroeder.....</b>  | <b>K</b>   |
| <b>X. Report on Technical Committee Guidance to the Planning and Evaluation Subcommittee on Preparation of the Fiscal Year 1998 Planning Budget -- Mr. Schroeder.....</b> | <b>L</b>   |
| <b>XI. Approval of Academic Advisory Group Budget for Priority Project List 7 -- Mr. Schroeder.....</b>   | <b>M</b>   |
| <b>XII. Report on Status of the 7<sup>th</sup> Priority Project List - Podany.....</b>  | <b>N</b>   |

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

**TASK FORCE MEETING**

**New Orleans, Louisiana**

23 July 1997

10:00 a.m.

**AGENDA**

(continued)

**XIII. Status of the Louisiana Coastal Wetlands Restoration Plan Evaluation Report -- Mr. Underwood ..... O**

**XIV. Status of Development of the State Conservation Plan -- Mr. Thomas ..... P**

**XV. Outreach Committee Report -- Mr. Addison ..... Q**

**XVI. Status of Feasibility Studies -- Mr. Podany ..... R**

**XVII. Additional Agenda Items ..... S**

**XVIII. Request for Public Comments ..... T**

**XIX. Date and Location of the Next Task Force Meeting ..... U**

# COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## TASK FORCE MEMBERS

### Task Force Member

### Member's Representative

Governor, State of Louisiana

Dr. Len Bahr  
Executive Assistant for Coastal Activities  
Office of the Governor  
State Lands and Natural Resources Bldng.  
625 N. 4th Street, Room 1127  
Baton Rouge, LA 70804  
(504) 342-3968; Fax: (504) 342-5214

Administrator, EPA

Mr. William B. Hathaway  
Division 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  
825 Kaliste Saloom Rd.  
Building 2, Suite 102  
Lafayette, Louisiana 70508  
(318) 262-6662 ext. 232 ; Fax: (318) 262-6663

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

**TASK FORCE MEMBERS (cont.)**

Task Force Member

Member's Representative

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. Thomas E. Bigford  
National Oceanic and Atmospheric  
Administration  
National Marine Fisheries Service  
Acting Director, Office of Habitat Protection  
1315 East-West Highway  
Silver Spring, Maryland 20910  
(301) 713-2325; Fax: (301) 713-1043

Secretary of the Army (Chairman)

Col. William Conner  
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  
April 24, 1997

**MINUTES**

**I. INTRODUCTION**

Colonel William Conner, representing the Secretary of the Army, convened the twenty-sixth meeting of the Louisiana Coastal Wetlands Conservation and Restoration Task Force at 9:40 a.m. on April 24, 1997, in the Louisiana Room of Louisiana Department of Wildlife and Fisheries. The agenda is attached 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 Bush on November 29, 1990.

**II. ATTENDEES**

Listed below are the six Task Force members. All members were in attendance, with the exceptions of Mr. Bigford, who was represented by Mr. Tim Osborn, and Mr. Hathaway, who was represented by Mr. Norm Thomas.

Dr. Len Bahr, State of Louisiana  
Mr. William Hathaway, Environmental Protection Agency  
Mr. David Frugé, U.S. Department of the Interior  
Mr. Donald Gohmert, U.S. Department of Agriculture  
Mr. Thomas Bigford, U.S. Department of Commerce  
Colonel William Conner, U.S. Department of the Army,  
Chairman

**III. APPROVAL OF MINUTES FROM PREVIOUS MEETING**

The minutes of the Task Force meeting held on December 18, 1996 (enclosure 2), were approved unanimously, along with the change to item IV paragraph A, that is highlighted in bold. Mr. Gohmert made the motion to approve the minutes, and Mr. Frugé seconded it.

**IV. TASK FORCE DECISIONS**

**A. Selection of the 6<sup>th</sup> Priority Project List.**

Mr. Schroeder presented a recommendation of the Technical Committee to approve the 6<sup>th</sup> Priority Project List, which included 10 new projects, 2 demonstration projects, and additional allocations for multi-year funded projects approved on the 5<sup>th</sup> Priority Project List (see enclosure 3). In enclosure 4, the original 6<sup>th</sup> List summary is dated April 23, 1997. Mr. Schroeder noted that the Environmental Protection Agency, the Louisiana Department of Natural Resources, and the U.S. Army

Corps of Engineers had recently agreed to recommend a change in the scope and funding amounts for the Bayou Boeuf Pump Station Project, Increment 1. The change would provide for project evaluation funds over a three-period as follows: Fiscal Year 1997 (6<sup>th</sup> List Funds), \$150,000; Fiscal Year 1998 (7<sup>th</sup> List Funds), \$250,000; Fiscal Year 1999 (8<sup>th</sup> List Funds), \$100,000. Mr. Frugé stated that the Bayou Boeuf evaluation was not a project and recommended that either this work be captured by the Atchafalaya Liaison Group (at no cost to CWPPRA) or that the budget for the effort come out of planning funds. Mr. Thomas noted that there was precedence for funding evaluations out of construction funds due to the fact that the CWPPRA funding stream does not provide a sufficient mechanism to implement complex, large scale projects. Mr. Cancienne stated that Mr. Tauzin's office was in agreement with the change. Mr. Davis suggested that funding the evaluation would provide for a more effective relationship between the Lower Atchafalaya Reevaluation Study and CWPPRA. The revised 6<sup>th</sup> List summary developed as a result of decisions and approvals of this April 24, 1997 Task Force meeting is dated June 20, 1997 in enclosure 4.

Messrs. W. Pallet, Sherrill Sagrera, Judge Edwards, Charles Broussard, and Dr. Karl Derouen expressed concern about the omission of the Cheniere au Tigre shoreline protection demonstration project from the 6<sup>th</sup> list. Mr. Broussard stated that the project was necessary to save a ridge in Vermilion Parish that protects thousands of acres of wetlands. Mr. Podany noted that the Technical Committee did not include this project in the list because of concerns about: 1. keeping the amount allotted to demonstration projects below \$2.0 million; and 2. whether artificial sea grass or tires would work in a high energy environment. Mr. Frugé stated that if this project were approved, he recommended that the USGS participate in a cooperative design; other Task Force agencies could also participate. Concern was also expressed about the procedure for selecting demonstration projects. After some discussion about the merits of this and other demonstration projects (Nutria Harvest for Wetland Restoration and the Dustpan/Cutterhead Dredging for Marsh Creation), the Task Force voted on the list.

Motion by Mr. Osborn: That the Task Force approve the recommended list, with the Cheniere au Tigre project added and funds for Bayou Boeuf reduced to \$150,000.

Amendment to Motion by Mr. Frugé: To move the consideration of funding the Bayou Boeuf evaluation to the planning budget.

Second to Amendment: None.

Second to Motion: Mr. Thomas  
Passed unanimously.

Dr. Bahr requested that he be provided a summary of the vote to provide to the State Wetlands Authority. Colonel Conner

Motion by Mr. Frugé: That the Task Force adopt a simplified process for selecting the 7<sup>th</sup> Priority Project List.

Second: Mr. Osborn.  
Passed unanimously.

C. Extension of LUMCON MOA.

Ms. Hawes presented the Technical Committee's recommendation for approval of a \$145,082 extension of the fiscal year 1996 memorandum of agreement between LUMCON and the NOD. The extension will permit completion of additional tasks associated with the Mississippi River Diversion study that were not included in the original budget. A copy of the extension agreement is enclosed (enclosure 4).

Motion by Mr. Frugé: That the Task Force approve a \$145,082 extension of the fiscal year 1996 memorandum of agreement between LUMCON and the NOD.

Second: Dr. Bahr.  
Passed unanimously.

D. Mr. Podany presented a recommendation of the Technical Committee to return \$30,000 that was deobligated from the Barrier Shoreline Feasibility Study earlier in the year. The funds were originally intended for use by a Technical Advisor, which the Louisiana Department of Natural Resources later determined was not necessary. The restored funds would be used to cover cost overruns associated with the Phase 1 modeling effort (see enclosure 5).

Motion by Mr. Frugé: That the Task Force approve restoring \$30,000 in funds (previously obligated for a Technical Advisor) to cover cost overruns in the Phase 1 modeling effort in the Barrier Shoreline Feasibility Study.

Second: Dr. Bahr.  
Passed unanimously.

E. Construction and Cost Increase Approval for Several Priority List Projects.

Mr. Schroeder briefed the Task Force on the Technical Committee's recommendation for the following: a. Approval for construction of the Point Au Fer (Phase 2), the Lake Salvador Shoreline Demonstration (Phase 1), the Channel Armor Gap, the Jonathan Davis Hydrologic Restoration (PBA-35), the Cameron Creole Maintenance (CS-4a), and the Freshwater Bayou Bank Stabilization, Phase 2 (XME-29) projects; b. Approval for construction with cost increase of the Big Island Mining (XAT-7) project (from \$4,136,000 to \$6,044,938) and the Atchafalaya Sediment Delivery (PAT-2) project (from \$908,000 to \$1,664,920); and d. Approval of cost increase for the Raccoon Island (TE-29)

project (from \$1,500,000 to \$2,063,000) and the Red Mud Demonstration (XTE-43) project (from \$470,500 to \$501,350).

Motion by Mr. Gohmert: That the Task Force approve the construction and cost increases of the above projects as recommended by the Technical Committee.

Second: Mr. Frugé.  
Passed unanimously.

F. Approval of Monitoring Plans.

Mr. Schroeder briefed the Task Force on the Technical Committee's recommendation for approval of the monitoring plans for the Channel Armor Gap (MR-6), Pass a Loutre Crevasse (MR-7), Highway 384 Hydrologic Restoration (C/S-21), Freshwater Bayou Canal Bank Stabilization (ME-13), Brown Lake (C/S-09), GIWW to Clovelly (BA-02), and Raccoon Island Breakwater Projects.

Motion by Mr. Frugé: That the Task Force approve the monitoring plans of the above projects as recommended by the Technical Committee.

Second: Mr. Osborn.  
Passed unanimously.

G. Approval of Budget Increase for Oyster Lease GIS.

Mr. Schroeder briefed the Task Force on the Technical Committee's recommendation to increase the oyster lease GIS budget by \$15,100 for this fiscal year (see enclosure 6).

Motion by Mr. Osborn: That the Task Force approve the an increase in the Fiscal Year 1997 budget of \$15,100 for the oyster lease GIS, as recommended by the Technical Committee.

Second: Mr. Thomas.  
Passed unanimously.

H. Construction and Cost Increase Approval for Several Priority List Projects.

Mr. Schroeder briefed the Task Force on the Technical Committee's recommendation to include in the Standard Operating Procedures Manual (in Section 5.f.(4), last sentence): "Once a lead agency has received approval for a cost increase over the original 125% limit, they must request Task Force approval for any additional funds above the revised estimate."

Motion by Mr. Frugé: That the Task Force approve the revision to the Standard Operating Procedures Manual, as recommended by the Technical Committee.

Second: Mr. Thomas.  
Passed unanimously.

I. Funding of the Mississippi River Diversion Workshop.

Mr. Podany presented a request for the Task Force to formally approve \$15,000 in funds for the Mississippi River Diversion Workshop held on March 13, 1997. (The Task Force had informally approved the funds in a February telephone poll).

Motion by Dr. Bahr: That the Task Force formally approve the funding for the workshop.

Second: Mr. Gohmert.  
Passed unanimously.

J. Report on the Development of a Strategic Plan.

Mr. Schroeder reported to the Task Force on a proposal of the Technical Committee to develop a strategic plan for coastal wetlands restoration (see enclosure 7, the original strategic plan draft dated April 18, 1997). Mr. Schroeder stated that there have been proposals from Dr. Lee Wilson and others on how to do the strategy as well as a proposal on who should do it; these proposal now need to be blended into one plan. Mr. Norm Thomas recommended that a budget and timeline be prepared for the effort. Ms. Katherine Vaughan noted that the proposal needs to be subject to State Wetlands Authority approval. Ms. Vaughan suggested that there be joint meetings between the Louisiana Coastal Wetlands Conservation and Restoration Task Force and the State Wetlands Authority to resolve any issues which may arise. Secretary Caldwell suggested that the Task Force take action at this meeting to prevent delays that might arise in alternately seeking Task Force and State Wetlands Authority approval. Dr. Denise Reed stated that the Technical Committee proposal reflected more a chain of command for accomplishing the strategy; she suggested that functions be added to the blocks in the proposal. The Task Force then discussed in general the need to replace specific names identified in the blocks with titles. The May 19, 1997 Technical Committee revision to the strategic plan draft is also included in enclosure 8.

Motion by Mr. Frugé: That the Task Force approve moving forward with the strategy, generally as recommended by the Technical Committee.

Second: none.  
Motion withdrawn.

Motion by Mr. Gohmert: That the Task Force adopt the Technical Committee's plan for the coastwide strategy, contingent upon State Wetlands Authority approval, and replace names in the block diagrams with titles only.

Second: Mr. Frugé.  
Passed unanimously.

K. Approval of the Louisiana Coastal Wetlands Restoration Plan Evaluation Draft Report.

Mr. Steve Underwood of the Louisiana Department of Natural Resources presented status of the evaluation report called for in Section 303(b)(7) of the CWPPRA. The draft report has been reviewed by the Technical Committee, a special ad hoc committee established by the Technical Committee, and the Coalition to Restore Coastal Louisiana. Mr. Underwood requested that the Task Force consider allowing a special pre-printing for use by the congressional delegation during the summer session; there was general consensus this should be done and that overall final printing of 1000 copies of the plan would be appropriate. Colonel Conner stated that Task Force members should receive a copy of the report to vote on formally at the next meeting; this would constitute the approval by the Task Force of the final report.

Motion by Dr. Bahr: That the Task Force approve draft report.

Second: Mr. Gohmert.  
Passed unanimously.

## V. INFORMATIONAL AGENDA ITEMS

### A. Report on Outreach Committee.

Mr. Jim Addison, chairman of the Outreach Committee, provided the Task Force a report on outreach activities. A summary of his remarks is included in enclosure 8. He stated that the Planning and Evaluation Subcommittee had voted to recommend reducing a portion of the Outreach Committee's budget, but these increases had been covered by using EPA's salary rates to compute the Outreach Coordinator's FY 97 budget requirement. Dr. Bahr emphasized that the Governor's May 1<sup>st</sup> press conference will be an event that everyone will want to attend. Secretary Caldwell stated that the State's outreach effort (funded with State funds only) will be national in scope and complement the CWPPRA outreach effort very well. Mr. Frugé stated that over the



July 4<sup>th</sup> Congressional recess, he attempted to schedule a project dedication for the Cameron Creole Refuge project and other recently completed projects.

B. Status of Development of the State Conservation Plan.

Ms. Beverly Ethridge of the EPA briefed the Task Force on the status of the Conservation Plan authorized by section 304 of the Breaux Act. She reported that plan development is near completion (draft plan was provided by the state). Ms. Ethridge concluded by stating that a final formal proposal will be submitted to the Federal agencies for approval in May 1997.

C. Status of Feasibility Studies.

Mr. Podany gave a brief report on the status of the feasibility studies. For the Barrier Shoreline Study, he reported that the agencies are currently reviewing Step I, Formulation of Strategic Options and that a complete draft of Step H, Forecast Trends in Environmental Resource Conditions with No Action, was scheduled to be completed in May. Enclosure 9 is a fact sheet on the study.

Mr. Podany reported that the Mississippi River Diversion study is on schedule; he said that data and design information on the 11 intermediate concept plans are underway. Task involving the development of future without action conditions are being initiated through a MOA with LUMCON. Dr. Bahr suggested that monitoring efforts conducted in conjunction with the operation of the Bonnet Carré spillway operation be coordinated with the study. Enclosure 10 is a fact sheet on the study.

D. Status of Construction Program.

Mr. Scott Clark of the New Orleans District reported on the status of Breaux Act construction projects. He presented statistics on project completion, reasons for delays, and recommendations to improve performance (see enclosure 11). Mr. Clark concluded that the analysis did not reveal a pattern that would indicate a clear direction for improving performance. Mr. Mark Davis requested that this information be used in project selection decisions and in strategy development. Colonel Conner stated that the Task Force agencies have been only able to complete construction on one priority list project, out of approximately 17 that were scheduled for completion this fiscal year. This level of performance, he said, must be improved if the Louisiana congressional delegation is to be successful in securing reauthorization. Colonel Conner announced that he would be conferring with each agency to understand project implementation issues from the lead agency's perspective with a view toward improving overall program performance.

E. Report on the River Diversion Workshop.

Dr. Denise Reed presented a summary of the workshop (see enclosure 12). Among the topics discussed there were whether no net loss of wetlands is really the goal of coastal restoration efforts and whether such a goal is achievable.

Dr. Reed stated that there was general agreement among workshop attendees that diversions were part of the solution to land loss problems, but that their influence may be more limited and more complicated than what was originally thought. Dr. Bahr mentioned that a written statement that river diversions were an important tool for the restoration of coastal wetlands had been circulated to attendees of the workshop; others who had not attended but agreed with the statement were also encouraged to sign. Dr. Bill Good reported that there was some information on the effect of the Caernarvon Diversion project. Among other things, the results show that the diversion may have resulted in an increase of 4% per year of wetlands within the diversion outfall area. Prior to the diversion's operation there was a loss of 4% per year.

F. Report on the Lower Atchafalaya Reevaluation Study and on the activities of the Atchafalaya Liaison Group.

Mr. Troy Constance, New Orleans District, presented an overview of the Lower Atchafalaya Reevaluation Study and the relationship between it and other CWPPRA efforts. He mentioned that the Atchafalaya Liaison Group is exchanging information and pooling resources to conduct stream gaging on the Gulf Intracoastal Waterway and its tributaries.

G. Mr. Tim Osborn presented a video of actual construction for the Point au Fer Project. Mr. Osborn indicated that the video would be a useful tool in CWPPRA Outreach efforts.

**VI. ADDITIONAL AGENDA ITEMS**

Mr. Tim Osborn announced that the process of deauthorizing the Eden Isles project has begun in accordance with Task Force procedures.

Mr. Gohmert announced dedication and groundbreakings for the Racoon Island, Timbalier Vegetative Plantings, and the GIWW to Clovelly Hydrologic Restoration Project on May 13 and 14, 1997. He introduced Mr. Bruce Lehto as the Natural Resources Conservation Service's new Technical Committee representative.

**VII. DATE AND LOCATION OF THE NEXT TASK FORCE MEETING**

The next Task Force meeting was tentatively scheduled for 9:30 a.m. on July 23, 1997, at the Corps headquarters building in

New Orleans. Task Force members will be contacted to confirm the date and location.

#### VIII. QUESTIONS FROM THE PUBLIC

No written questions or comments were received from the public.

#### IX. ADJOURNMENT

The Task Force meeting was adjourned at 4:30 p.m. on a motion by Dr. Bahr, which was seconded by Mr. Frugé and approved unanimously.

COASTAL WETLANDS PLANNING, PROTECTION, AND RESTORATION ACT

TASK FORCE MEETING

APRIL 24, 1997

Meeting Agenda

TASK FORCE MEETING

Baton Rouge

24 April 1997

9:30 a.m.

AGENDA

|  | <u>Tab</u> |
|--|------------|
| <b>I. Introductions</b>  |            |
| A. Task Force Members or Alternates  |            |
| B. Opening Remarks by Task Force Members   |            |
| <b>II. Adoption of Minutes from the 18 December 1996 Task Force Meeting .....</b>  | <b>D</b>   |
| <b>III. Selection of the 6th Priority Project List--Mr. Schroeder.....</b>   | <b>E</b>   |
| <b>IV. Approval of the 7th Priority Project List Selection Process--Mr. Schroeder.....</b>   | <b>F</b>   |
| <b>V. Status of Development of the State Conservation Plan--Mr. Thomas.....</b>  | <b>G</b>   |
| <b>VI. Status of Feasibility Studies--Mr. Podany.....</b>  | <b>H</b>   |
| <b>VII. Outreach Committee Report--Mr. Addison.....</b>  | <b>I</b>   |
| <b>VIII. Status of the Construction Program--Mr. Clark.....</b>  | <b>J</b>   |
| <b>IX. Approval for the Construction of the Point au Fer (Phase 2), the Lake Salvador Shoreline Demonstration (Phase 1), the Channel Armor Gap, the Jonathan Davis Hydrologic Restoration (PBA-35), the Cameron Creole Maintenance (CS-4a), and the Freshwater Bayou Bank Stabilization, Phase 2 (XME-29) Projects</b> |            |
| <b>Approval for Construction with Cost Increase of the Big Island Mining (XAT-7) Project and the Atchafalaya Sediment Delivery (PAT-2) Project</b>   |            |
| <b>Approval of Cost Increases for the Raccoon Island Project and the Red Mud Demonstration (XTE-43) Project--Mr. Schroeder.....</b>  | <b>K</b>   |
| <b>X. Approval of the Monitoring Plans for the Channel Armor Gap (MR-6), Pass a Loutre Crevasse (MR-7), Highway 384 Hydrologic Restoration (C/S-21), Freshwater Bayou Canal Bank Stabilization (ME-13), Brown Lake (C/S-09), GIWW to Clovelly (BA-02), and Raccoon Island Breakwater Projects--Mr. Schroeder.....</b>  | <b>L</b>   |
| <b>XI. Approval of Budget Increase for Oyster Lease GIS--Mr. Schroeder.....</b>  | <b>M</b>   |
| <b>XII. Approval of Revision to the Standard Operating Procedures for Project Cost Increases of 125% or More Above Base Costs--Mr. Schroeder.....</b>  | <b>N</b>   |

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

Baton Rouge

24 April 1997

9:30 a.m.

AGENDA

(continued)

- XIII. Funding of Mississippi River Diversion Workshop--Mr. Podany.....O
- XIV. Report on the River Diversion Workshop--Ms. Reed..... P
- XV. Report on the Atchafalaya Liaison Group and the Corps' Lower  
Atchafalaya Study--Mr. Constance.....Q
- XVI. Report on the Development of Strategic Plan--Mr. Schroeder/Good .....R
- XVII. Report on the Louisiana Coastal Wetlands Restoration Plan  
Evaluation Report--Mr. Schroeder/Mr. Underwood..... S
- XVIII. Extension of LUMCON Contract--Ms. Hawes ..... T
- XIX. Video Presentation of Lake Chapeau, Big Island Mining, Atchafalaya Sediment  
Delivery, and Lake Salvadore Shoreline Demonstration Projects--Mr. Osborn ..... U
- XX. Additional Agenda Items ..... V
- XXI. Request for Public Comments .....W
- XXII. Date and Location of the Next Task Force Meeting .....X

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

**STATUS OF THE COASTWIDE STRATEGY (COAST 2050)**

**For Discussion.**

Messrs. Schroeder and Good will brief the Task Force on the status of the effort to develop a coastwide strategy for addressing the problem of wetland loss.

*Caernarvon FW Diversion - Wetland Sites monitored & mapped.  
17% more land in those sites sampled.*

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

**REPORT OF PROGRAM PERFORMANCE AND PROJECT IMPLEMENTATION**

**For Information.**

Mr. Scott Clark will report on the implementation status of priority list projects.

*Scott wishes construction schedules for projects for next mtg.*



# COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## PROJECT STATUS SUMMARY REPORT

09 July 1997

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 Parish
- Project Summary by Priority List

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

Prepared by:

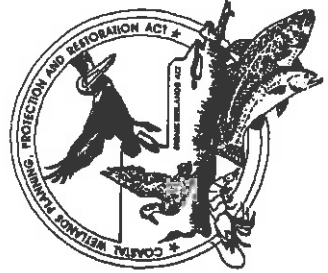
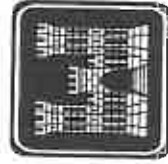
Programs and Project Management Division

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 | CSA | ***** SCHEDULES ***** |           | ***** ESTIMATES ***** |         | Actual                       |
|---------|-------|--------|-------|-----|-----------------------|-----------|-----------------------|---------|------------------------------|
|         |       |        |       |     | Const Start           | Const End | Baseline              | Current | Obi-gations/<br>Expenditures |
|         |       |        |       |     |                       |           |                       | %       |                              |

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

**Priority List 1**

|                                 |      |      |     |             |             |           |             |             |      |                            |
|---------------------------------|------|------|-----|-------------|-------------|-----------|-------------|-------------|------|----------------------------|
| Barataria Bay Marsh<br>Creation | BARA | JEFF | 445 | 24-Apr-95 A | 22-Jul-96 A | 31-Dec-00 | \$1,759,257 | \$1,695,796 | 96.4 | \$1,191,204<br>\$1,058,135 |
|---------------------------------|------|------|-----|-------------|-------------|-----------|-------------|-------------|------|----------------------------|

**Remarks/Status:** The enlargement of Queen Bess Island was incorporated into the project and the construction of the 9-acre cell was completed in October 1996. If oyster-related conflicts are removed from the remaining marsh creation sites, they will be incorporated into the Corp's O&M deposit plan for the next maintenance cycle.

**Bayou Labranche  
Wetlands Restoration**

|      |       |     |             |             |             |             |             |      |                            |
|------|-------|-----|-------------|-------------|-------------|-------------|-------------|------|----------------------------|
| PONT | STCHA | 203 | 17-Apr-93 A | 06-Jan-94 A | 07-Apr-94 A | \$4,461,301 | \$3,658,740 | 82.0 | \$3,378,263<br>\$3,350,397 |
|------|-------|-----|-------------|-------------|-------------|-------------|-------------|------|----------------------------|

**Remarks/Status:** Contract awarded to T. L. James Co. (Dredge "Tom James") for dredging approximately 2,500,000 cy of Lake Pontchartrain sediments and placing in marsh creation area. Contract final inspection was performed on 04/07/94. Site visit by Task Force took place on 04/13/94. The area was seeded by L A DNR on 06/25/94.

The project site is being monitored. No further work is planned at this time except to address the problem of impaired access for the lease holders in the project area.

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

| PROJECT | BASIN | PARISH | ACRES | CSA | ***** SCHEDULES ***** |           |          | ***** ESTIMATES ***** |   | Actual<br>Obligations/<br>Expenditures |
|---------|-------|--------|-------|-----|-----------------------|-----------|----------|-----------------------|---|--|
|         |       |        |       |     | Const Start           | Const End | Baseline | Current               | % |  |

|  |      |      |   |             |             |             |          |          |       |                      |
|--|------|------|---|-------------|-------------|-------------|----------|----------|-------|----------------------|
| Lake Salvador<br>Shoreline Protection at<br>Jean Lafitte NHP&P | BARA | JEFF | 0 | 29-Oct-96 A | 01-Jun-95 A | 21-Mar-96 A | \$60,000 | \$60,000 | 100.0 | \$58,378<br>\$58,378 |
|--|------|------|---|-------------|-------------|-------------|----------|----------|-------|----------------------|

**Remarks/Status:** This project was added to the Priority Lists at the March 1995 Task Force meeting.

The Task Force approved the expenditures of up to \$45,000 in Federal funds and non-Federal funds of \$15,000 (25%) for the design of the project.

A design review meeting was held with Jean Lafitte Park personnel in May 1996 to resolve design comments prior to advertisement for the construction contract. The contract was awarded December 4, 1996 for \$610,000 to Bertucci Contracting Corp. Notice to proceed was December 30, 1996. The contract has a 120-day duration; completion is scheduled for April 1997.

|   |       |       |    |             |             |             |             |             |       |                            |
|---|-------|-------|----|-------------|-------------|-------------|-------------|-------------|-------|----------------------------|
| Vermilion River Cutoff<br>Bank Protection | TECHE | VERMI | 54 | 17-Apr-93 A | 10-Jan-96 A | 11-Feb-96 A | \$1,526,000 | \$2,056,249 | 134.7 | \$1,681,202<br>\$1,680,652 |
|---|-------|-------|----|-------------|-------------|-------------|-------------|-------------|-------|----------------------------|

**Remarks/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.

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

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

| PROJECT | BASIN | PARISH | ACRES | CSA | ***** SCHEDULES ***** |           |          | ***** ESTIMATES ***** |   | Actual Obligations/<br>Expenditures |
|---------|-------|--------|-------|-----|-----------------------|-----------|----------|-----------------------|---|-------------------------------------|
|         |       |        |       |     | Const Start           | Const End | Baseline | Current               | % |                                     |

|                                |       |      |       |           |           |           |             |              |        |                        |
|--------------------------------|-------|------|-------|-----------|-----------|-----------|-------------|--------------|--------|------------------------|
| West Bay Sediment<br>Diversion | DELTA | PLAQ | 9,831 | 30-Sep-97 | 01-Mar-98 | 01-Jul-98 | \$8,517,066 | \$13,347,100 | 156.7! | \$454,925<br>\$454,634 |
|--------------------------------|-------|------|-------|-----------|-----------|-----------|-------------|--------------|--------|------------------------|

**Remarks/Status:** The major portion of the cost increase is for dredging the anchorage as a result of induced shoaling caused by the diversion of flow from the river. A model study of the river and diversion point was completed, providing a basis for estimating the amount of material to be dredged. However, the State of Louisiana was looking into the issue of State-owned waterbottom vs. private ownership, both before and after project construction, and they requested that we not proceed with easement acquisition through condemnation until that issue was resolved.

In a letter dated March 1, 1995, the Local Sponsor, LA DNR, requested de-authorization of the project citing cost overruns and its location on the "bird's foot" delta, which the CWPRA Restoration Plan calls for a phased-abandonment. A letter requesting de-authorization 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 de-authorization and work on the project will proceed. The CSA was sent to LA DNR for signatures in March 1997. The current estimate exceeds the Priority List estimate by 125% and will, therefore, necessitate Task Force approval.

|                                    |        |              |              |       |                            |
|------------------------------------|--------|--------------|--------------|-------|----------------------------|
| Total Priority List 1              | 10,533 | \$16,323,624 | \$20,817,884 | 127.5 | \$6,763,972<br>\$6,602,195 |
| 5 Project(s)                       |        |              |              |       |                            |
| 4 Cost Sharing Agreements Executed |        |              |              |       |                            |
| 4 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 THE ARMY (COE)**

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

**Priority List 2**

|                              |      |       |       |             |             |             |             |             |         |                            |
|------------------------------|------|-------|-------|-------------|-------------|-------------|-------------|-------------|---------|----------------------------|
| Clear Marais Bank Protection | CALC | CALCA | 1,066 | 29-Apr-96 A | 29-Aug-96 A | 03-Mar-97 A | \$1,741,310 | \$3,905,101 | 224.3 ! | \$2,863,375<br>\$2,759,053 |
|------------------------------|------|-------|-------|-------------|-------------|-------------|-------------|-------------|---------|----------------------------|

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

The Cost Sharing Agreement was executed and approved and the construction contract awarded on August 1, 1996 to Luhr Bros., Inc. for \$2,694,000. Construction was completed in March 1997.

There is an opportunity to create marsh behind the rock dike between Brannon Canal and Alkalie Ditch using material from GIWW maintenance dredging.

|                                      |       |       |     |             |           |           |             |             |       |                        |
|--------------------------------------|-------|-------|-----|-------------|-----------|-----------|-------------|-------------|-------|------------------------|
| West Belle Pass Headland Restoration | TERRE | LAFOU | 469 | 27-Dec-96 A | 01-Nov-97 | 30-Apr-98 | \$4,854,102 | \$5,499,575 | 113.3 | \$662,121<br>\$659,142 |
|--------------------------------------|-------|-------|-----|-------------|-----------|-----------|-------------|-------------|-------|------------------------|

**Remarks/Status:** We have received verbal authority from HQ Counsel to acquire oyster leases, for this project only, directly impacted by the construction of the project.

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

| PROJECT               | BASIN | PARISH | ACRES | CSA | ***** SCHEDULES *****<br>Const Start | Const End | ***** ESTIMATES *****<br>Baseline | Current     | %     | Actual<br>Obligations/<br>Expenditures |
|-----------------------|-------|--------|-------|-----|--------------------------------------|-----------|-----------------------------------|-------------|-------|--|
| Total Priority List 2 |       |        |       |     |                                      |           |                                   |             |       |  |
|                       |       |        | 1,535 |     |                                      |           | \$6,595,412                       | \$9,404,676 | 142.6 | \$3,525,496<br>\$3,418,195             |

- 2 Project(s)
- 2 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 THE ARMY (COE)**

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

**Priority List 3**

|                               |       |      |     |             |           |           |           |           |       |                        |
|-------------------------------|-------|------|-----|-------------|-----------|-----------|-----------|-----------|-------|------------------------|
| Channel Armor Gap<br>Crevasse | DELTA | PLAQ | 936 | 13-Jan-97 A | 01-Sep-97 | 01-Dec-97 | \$808,397 | \$893,865 | 110.6 | \$228,507<br>\$225,034 |
|-------------------------------|-------|------|-----|-------------|-----------|-----------|-----------|-----------|-------|------------------------|

**Remarks/Status:** The Cost Sharing Agreement is being reviewed by LA DNR.

Cost increase is due to additional project management costs, by both Federal and Local Sponsor.

Surveys identified a pipeline in the crevasse area which would be negatively impacted by the project. US Fish & Wildlife reviewed their permit for the pipeline and determined that Shell Pipeline is required to lower it at their own cost. US FWS requested a modification to the alignment and only US FWS- owned lands should be involved. Permission to proceed with construction is under review by the Technical Committee and the Task Force.

|                                    |      |       |     |             |           |           |           |           |       |                        |
|------------------------------------|------|-------|-----|-------------|-----------|-----------|-----------|-----------|-------|------------------------|
| MRGO Back Dike<br>Marsh Protection | PONT | STBER | 755 | 17-Jan-97 A | 15-Apr-98 | 31-Jul-98 | \$512,198 | \$553,900 | 108.1 | \$185,070<br>\$183,712 |
|------------------------------------|------|-------|-----|-------------|-----------|-----------|-----------|-----------|-------|------------------------|

**Remarks/Status:** Cost increase is due to additional project management costs, environmental investigations and local sponsor activities not included in the baseline estimate. Further, title research indicates that private ownership titles are unclear, requiring condemnation. This accounts for the long period between CSA execution and project construction.

|                        |       |      |     |  |  |  |             |             |        |                        |
|------------------------|-------|------|-----|--|--|--|-------------|-------------|--------|------------------------|
| Pass-a-Loutre Crevasse | DELTA | PLAQ | 918 |  |  |  | \$2,857,790 | \$4,112,673 | 143.9! | \$107,911<br>\$104,428 |
|------------------------|-------|------|-----|--|--|--|-------------|-------------|--------|------------------------|

**Remarks/Status:** Two pipelines and two power poles are in the area of the crevasse, increasing relocation costs by approximately \$2.15 million. LA DNR asked that the Corps investigate alternative locations to avoid or minimize impacts to the pipelines, but there are no more suitable locations for the cut. The Corps has also reviewed the design to determine whether relocations cost-savings could be achieved. Reducing the bottom width of the crevasse from 430 feet as originally proposed to 200 feet reduced the relocation cost only marginally.

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

| PROJECT               | BASIN                            | PARISH | ACRES | CSA | ***** SCHEDULES ***** |           | ***** ESTIMATES ***** | Actual Obligations/Expenditures |       |
|-----------------------|----------------------------------|--------|-------|-----|-----------------------|-----------|-----------------------|---------------------------------|-------|
|                       |                                  |        |       |     | Const Start           | Const End | Baseline              | Current                         | %     |
| Total Priority List 3 |                                  |        | 2,609 |     |                       |           | \$4,178,385           | \$5,560,438                     | 133.1 |
| 3                     | Project(s)                       |        |       |     |                       |           |                       |                                 |       |
| 2                     | Cost Sharing Agreements Executed |        |       |     |                       |           |                       |                                 |       |
| 0                     | Construction Started             |        |       |     |                       |           |                       |                                 |       |
| 0                     | Construction Completed           |        |       |     |                       |           |                       |                                 |       |
| 0                     | Project(s) Deferred/Deauthorized |        |       |     |                       |           |                       |                                 |       |
|                       |                                  |        |       |     |                       |           | \$4,178,385           | \$5,560,438                     | 133.1 |
|                       |                                  |        |       |     |                       |           |                       | \$521,488                       |       |
|                       |                                  |        |       |     |                       |           |                       | \$513,174                       |       |



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

| PROJECT | BASIN | PARISH | ACRES | CSA | ***** SCHEDULES ***** |           |          | ***** ESTIMATES ***** |   | Actual Obligations/<br>Expenditures |
|---------|-------|--------|-------|-----|-----------------------|-----------|----------|-----------------------|---|-------------------------------------|
|         |       |        |       |     | Const Start           | Const End | Baseline | Current               | % |                                     |

**Priority List 4**

|                    |      |      |     |  |  |  |  |             |             |       |                      |
|--------------------|------|------|-----|--|--|--|--|-------------|-------------|-------|----------------------|
| Grand Bay Crevasse | BRET | PLAQ | 634 |  |  |  |  | \$2,468,908 | \$2,468,908 | 100.0 | \$55,003<br>\$52,056 |
|--------------------|------|------|-----|--|--|--|--|-------------|-------------|-------|----------------------|

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

|                    |       |      |   |             |           |           |  |           |           |       |                      |
|--------------------|-------|------|---|-------------|-----------|-----------|--|-----------|-----------|-------|----------------------|
| Hopper Dredge Demo | DELTA | PLAQ | 0 | 30-Jun-97 A | 31-Jul-97 | 30-Nov-97 |  | \$300,000 | \$375,000 | 125.0 | \$19,158<br>\$19,158 |
|--------------------|-------|------|---|-------------|-----------|-----------|--|-----------|-----------|-------|----------------------|

**Remarks/Status:** LA DNR requested that the hoppers dump the material in crevasses, but there are concerns that the hopper dredges cannot get close enough to the crevasses to avoid dropping the material in the navigation channel. Current plan involves the pumpout of material from the hopper into a disposal area located on the left-descending bank or in Southwest Pass between miles 2.95 and 3.2 BHP. Awaiting monitoring plan development from LA DNR.

Total Priority List 4 634

|  |  |  |  |  |  |  |  |             |             |       |                      |
|--|--|--|--|--|--|--|--|-------------|-------------|-------|----------------------|
|  |  |  |  |  |  |  |  | \$2,768,908 | \$2,843,908 | 102.7 | \$74,161<br>\$71,214 |
|--|--|--|--|--|--|--|--|-------------|-------------|-------|----------------------|

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

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

| PROJECT | BASIN | PARISH | ACRES | CSA | ***** SCHEDULES *****<br>Const Start | Const End | ***** ESTIMATES *****<br>Baseline | Current | % | Actual<br>Obligations/<br>Expenditures |
|---------|-------|--------|-------|-----|--------------------------------------|-----------|-----------------------------------|---------|---|--|
|---------|-------|--------|-------|-----|--------------------------------------|-----------|-----------------------------------|---------|---|--|

**Priority List 5**

|              |      |     |     |           |           |           |             |             |       |                        |
|--------------|------|-----|-----|-----------|-----------|-----------|-------------|-------------|-------|------------------------|
| Bayou Chevee | PONT | ORL | 199 | 29-Aug-97 | 01-Oct-97 | 31-Mar-98 | \$2,890,821 | \$2,890,821 | 100.0 | \$150,441<br>\$150,441 |
|--------------|------|-----|-----|-----------|-----------|-----------|-------------|-------------|-------|------------------------|

**Remarks/Status:** Plans and specifications sent to DNR and Federal lead agencies the week of March 31, 1997.

Total Priority List 5 199

|             |             |       |                        |
|-------------|-------------|-------|------------------------|
| \$2,890,821 | \$2,890,821 | 100.0 | \$150,441<br>\$150,441 |
|-------------|-------------|-------|------------------------|

- 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: DEPT. OF THE ARMY (COE)**

Actual  
Obligations/  
Expenditures

\*\*\*\*\* SCHEDULES \*\*\*\*\*  
\*\*\*\*\* ESTIMATES \*\*\*\*\*  
\*\*\*\*\*

CSA    Const Start    Const End    Baseline    Current    %

PROJECT    BASIN    PARISH    ACRES

**Priority List 6**

|                       |       |       |     |             |             |       |     |     |
|-----------------------|-------|-------|-----|-------------|-------------|-------|-----|-----|
| Avoca Island (Incr 1) | TERRE | STMRY | 434 | \$6,438,400 | \$6,438,400 | 100.0 | \$0 | \$0 |
|-----------------------|-------|-------|-----|-------------|-------------|-------|-----|-----|

**Remarks/Status:**

|                                   |       |      |   |             |             |       |     |     |
|-----------------------------------|-------|------|---|-------------|-------------|-------|-----|-----|
| Dustpan/Cutterhead<br>Dredge Demo | DELTA | PLAQ | 0 | \$1,600,000 | \$1,600,000 | 100.0 | \$0 | \$0 |
|-----------------------------------|-------|------|---|-------------|-------------|-------|-----|-----|

**Remarks/Status:**

|  |       |       |     |             |             |       |     |     |
|--|-------|-------|-----|-------------|-------------|-------|-----|-----|
| Marsh Island<br>Hydrologic Restoration | TECHE | STMRY | 408 | \$4,094,900 | \$4,094,900 | 100.0 | \$0 | \$0 |
|--|-------|-------|-----|-------------|-------------|-------|-----|-----|

**Remarks/Status:**

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

| PROJECT  | BASIN                            | PARISH | ACRES | CSA           | ***** SCHEDULES ***** |           |                     | ***** ESTIMATES ***** |              | Actual Obligations/<br>Expenditures |
|--|----------------------------------|--------|-------|---------------|-----------------------|-----------|---------------------|-----------------------|--------------|-------------------------------------|
|  |                                  |        |       |               | Const Start           | Const End | Baseline            | Current               | %            |                                     |
| Total Priority List 6                              |                                  |        |       | 842           |                       |           | \$12,133,300        | \$12,133,300          | 100.0        | \$0                                 |
| 3  | Project(s)                       |        |       |               |                       |           |                     |                       |              | \$0                                 |
| 0  | Cost Sharing Agreements Executed |        |       |               |                       |           |                     |                       |              |                                     |
| 0  | Construction Started             |        |       |               |                       |           |                     |                       |              |                                     |
| 0  | Construction Completed           |        |       |               |                       |           |                     |                       |              |                                     |
| 0  | Project(s) Deferred/Deauthorized |        |       |               |                       |           |                     |                       |              |                                     |
| <b>Total DEPT. OF THE ARMY, CORPS OF ENGINEERS</b> |                                  |        |       | <b>16,352</b> |                       |           | <b>\$44,890,450</b> | <b>\$53,651,027</b>   | <b>119.5</b> | <b>\$11,035,558</b>                 |
| 16   | Project(s)                       |        |       |               |                       |           |                     |                       |              | <b>\$10,755,219</b>                 |
| 9  | Cost Sharing Agreements Executed |        |       |               |                       |           |                     |                       |              |                                     |
| 5  | Construction Started             |        |       |               |                       |           |                     |                       |              |                                     |
| 4  | Construction Completed           |        |       |               |                       |           |                     |                       |              |                                     |
| 0  | Project(s) Deferred/Deauthorized |        |       |               |                       |           |                     |                       |              |                                     |

**Notes:**

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

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

| PROJECT | BASIN | PARISH | ACRES | CSA | ***** SCHEDULES ***** |           | ***** ESTIMATES ***** |         | Actual                       |
|---------|-------|--------|-------|-----|-----------------------|-----------|-----------------------|---------|------------------------------|
|         |       |        |       |     | Const Start           | Const End | Baseline              | Current | Obligations/<br>Expenditures |

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

**Priority List Conservation Plan**

|   |     |       |   |             |             |           |           |           |                       |
|---|-----|-------|---|-------------|-------------|-----------|-----------|-----------|-----------------------|
| State of Louisiana<br>Wetlands Conservation<br>Plan | ALL | COAST | 0 | 13-Jun-95 A | 03-Jul-95 A | 30-Sep-97 | \$238,871 | \$238,871 | \$179,153<br>\$13,219 |
|---|-----|-------|---|-------------|-------------|-----------|-----------|-----------|-----------------------|

**Remarks/Status:** The date the MIPR was issued to obligate the Federal funds for the development of the plan is used as the construction start date for reporting purposes.

|                     |           |   |  |  |  |  |           |           |       |                       |
|---------------------|-----------|---|--|--|--|--|-----------|-----------|-------|-----------------------|
| Total Priority List | Cons Plan | 0 |  |  |  |  | \$238,871 | \$238,871 | 100.0 | \$179,153<br>\$13,219 |
|---------------------|-----------|---|--|--|--|--|-----------|-----------|-------|-----------------------|

- 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: ENVIRONMENTAL PROTECTION AGENCY (EPA)**

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

**Priority List 1**

|   |       |       |   |             |           |           |             |             |       |                          |
|---|-------|-------|---|-------------|-----------|-----------|-------------|-------------|-------|--------------------------|
| Isles Dernieres (Phase 0) (East Island) | TERRE | TERRE | 9 | 17-Apr-93 A | 15-Nov-97 | 01-Oct-98 | \$6,345,468 | \$6,383,797 | 100.6 | \$4,621,025<br>\$381,446 |
|---|-------|-------|---|-------------|-----------|-----------|-------------|-------------|-------|--------------------------|

**Remarks/Status:** This phase of the Isles Dernieres restoration project is being combined with Isles Dernieres, Phase I (Trinity Island), a priority list 2 project. Project on hold pending resolution of servitude impasse between LL&E and DNR; project start estimated. The Task Force approved an increase of 125% of the project estimate. A revised estimate is being prepared. A revised Cost Sharing Agreement will be prepared.

Total Priority List 1 9

\$6,345,468 \$6,383,797 100.6 \$4,621,025 \$381,446

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



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

| PROJECT | BASIN | PARISH | ACRES | CSA | ***** SCHEDULES *****<br>Const Start | Const End | ***** ESTIMATES *****<br>Baseline | Current | % | Actual<br>Obligations/<br>Expenditures |
|---------|-------|--------|-------|-----|--------------------------------------|-----------|-----------------------------------|---------|---|--|
|---------|-------|--------|-------|-----|--------------------------------------|-----------|-----------------------------------|---------|---|--|

**Priority List 3**

|              |      |       |   |             |             |           |           |           |       |                        |
|--------------|------|-------|---|-------------|-------------|-----------|-----------|-----------|-------|------------------------|
| Red Mud Demo | PONT | STION | 0 | 03-Nov-94 A | 08-Jul-96 A | 30-Jul-97 | \$350,000 | \$480,500 | 137.3 | \$367,493<br>\$286,467 |
|--------------|------|-------|---|-------------|-------------|-----------|-----------|-----------|-------|------------------------|

**Remarks/Status:** The P&E Committee, at their March 17, 1997 meeting, approved a project cost increase of \$30,\$50. This proposal will be presented at the April 24, 1997 meeting for Task Force approval. This increase brings the Federal and State costs to \$511,350 plus Kaiser contribution of \$318,435 toward monitoring costs, bringing the total project cost to \$829,785.

Bids for construction were opened on January 31, 1996. Project construction started July 8, 1996. Construction completion is now estimated for July 1997, due to problems with construction and design changes.

|   |       |       |       |             |           |           |             |             |       |                       |
|---|-------|-------|-------|-------------|-----------|-----------|-------------|-------------|-------|-----------------------|
| Whiskey Island<br>Restoration (Phase 2) | TERRE | TERRE | 1,239 | 06-Apr-95 A | 15-Nov-97 | 01-Oct-98 | \$4,844,274 | \$4,854,000 | 100.2 | \$418,771<br>\$43,824 |
|---|-------|-------|-------|-------------|-----------|-----------|-------------|-------------|-------|-----------------------|

**Remarks/Status:** Construction pending on LL&E and LA DNR resolution regarding servitude and ownership. Task Force approved 125% increase of project cost at their December 1996 meeting. A revised CSA to reflect this increase is being developed.

Total Priority List 3 1,239

|  |             |             |       |                        |
|--|-------------|-------------|-------|------------------------|
|  | \$5,194,274 | \$5,334,500 | 102.7 | \$786,264<br>\$330,291 |
|--|-------------|-------------|-------|------------------------|

2 Project(s)

2 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: ENVIRONMENTAL PROTECTION AGENCY (EPA)

| PROJECT | BASIN | PARISH | ACRES | CSA | ***** SCHEDULES *****<br>Const Start | Const End | ***** ESTIMATES *****<br>Baseline | Current | % | Actual<br>Obligations/<br>Expenditures |
|---------|-------|--------|-------|-----|--------------------------------------|-----------|-----------------------------------|---------|---|--|
|---------|-------|--------|-------|-----|--------------------------------------|-----------|-----------------------------------|---------|---|--|

Priority List 4

|              |      |       |   |             |           |           |           |           |       |                      |
|--------------|------|-------|---|-------------|-----------|-----------|-----------|-----------|-------|----------------------|
| Compost Demo | CALC | CAMER | 0 | 22-Jul-96 A | 15-Sep-97 | 15-Dec-97 | \$370,594 | \$380,594 | 102.7 | \$286,199<br>\$6,766 |
|--------------|------|-------|---|-------------|-----------|-----------|-----------|-----------|-------|----------------------|

Remarks/Status: Engineering/design proposals were received September 6, 1996. Project location has been changed and a new site is being evaluated. Any necessary changes or modifications in design will be evaluated by the project sponsors.

Total Priority List 4 0

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

|           |           |       |                      |
|-----------|-----------|-------|----------------------|
| \$370,594 | \$380,594 | 102.7 | \$286,199<br>\$6,766 |
|-----------|-----------|-------|----------------------|

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

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

**Priority List 6**

|                                 |       |       |  |           |  |           |           |       |            |
|---------------------------------|-------|-------|--|-----------|--|-----------|-----------|-------|------------|
| you Boeuf/Verret<br>sin, Incr 1 | TERRE | STMAR |  | 30-Sep-97 |  | \$150,000 | \$150,000 | 100.0 | \$0<br>\$0 |
|---------------------------------|-------|-------|--|-----------|--|-----------|-----------|-------|------------|

**Remarks/Status:** This is the first increment of a 3-phased project. Priority List 6 authorized funding of \$150,000; Priority List 7 is scheduled to fund \$250,000; and Priority List 8 is scheduled to fund \$100,000. Total project cost is \$500,000.

|                              |            |  |  |  |  |  |  |  |            |       |     |
|------------------------------|------------|--|--|--|--|--|--|--|------------|-------|-----|
| <b>Total Priority List 6</b> |            |  |  |  |  |  |  |  | \$0<br>\$0 |       |     |
| 1                            | Project(s) |  |  |  |  |  |  |  | \$150,000  | 100.0 | \$0 |

- 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 | CSA | ***** SCHEDULES ***** |           |              | ***** ESTIMATES ***** |       | Actual                       |
|---|-------|--------|-------|-----|-----------------------|-----------|--------------|-----------------------|-------|------------------------------|
|   |       |        |       |     | Const Start           | Const End | Baseline     | Current               | %     | Obligations/<br>Expenditures |
| Total ENVIRONMENTAL PROTECTION AGENCY, REGION 6 |       |        | 1,786 |     |                       |           | \$28,207,104 | \$28,439,277          | 100.8 | \$11,860,125<br>\$1,180,169  |

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

Notes:

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

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

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

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

Priority List 1

|                |      |     |       |             |             |             |             |             |      |             |
|----------------|------|-----|-------|-------------|-------------|-------------|-------------|-------------|------|-------------|
| Pontchartraine | PONT | ORL | 1,550 | 17-Apr-93 A | 01-Jun-95 A | 30-May-96 A | \$1,657,708 | \$1,598,612 | 96.4 | \$1,078,880 |
|----------------|------|-----|-------|-------------|-------------|-------------|-------------|-------------|------|-------------|

Remarks/Status: Project completed May 30, 1996. A dedication ceremony was held in mid-summer 1996.

Mermentau Marsh Hydrologic  
 Restoration

|                 |      |       |     |             |             |             |           |           |       |           |
|-----------------|------|-------|-----|-------------|-------------|-------------|-----------|-----------|-------|-----------|
| Mermentau Marsh | CALC | CAMER | 487 | 17-Apr-93 A | 01-Oct-96 A | 28-Jan-97 A | \$660,460 | \$775,974 | 117.5 | \$430,821 |
|-----------------|------|-------|-----|-------------|-------------|-------------|-----------|-----------|-------|-----------|

Remarks/Status: The project was completed on January 28, 1997.

Mermentau Marsh  
 Shoreline  
 Protection

|                 |      |       |     |             |             |             |             |             |       |           |
|-----------------|------|-------|-----|-------------|-------------|-------------|-------------|-------------|-------|-----------|
| Mermentau Marsh | MERM | CAMER | 247 | 17-Apr-93 A | 19-May-94 A | 09-Aug-94 A | \$1,177,668 | \$1,490,074 | 126.5 | \$906,951 |
|-----------------|------|-------|-----|-------------|-------------|-------------|-------------|-------------|-------|-----------|

Remarks/Status: Project complete 9 August 1994.

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

| PROJECT                                  | BASIN | PARISH | ACRES | CSA         | ***** SCHEDULES ***** |             |             | ***** ESTIMATES ***** |      | Actual Obligations/<br>Expenditures |
|--|-------|--------|-------|-------------|-----------------------|-------------|-------------|-----------------------|------|-------------------------------------|
|  |       |        |       |             | Const Start           | Const End   | Baseline    | Current               | %    |                                     |
| pine Wildlife Refuge<br>ision Protection | CALC  | CAMER  | 5,542 | 17-Apr-93 A | 24-Oct-94 A           | 01-Mar-95 A | \$4,895,780 | \$1,868,673           | 38.2 | \$1,195,492<br>\$1,194,440          |

Remarks/Status: Project complete as of March 1, 1995.

Total Priority List 1 7,826

|   |                                  |             |             |      |             |
|---|----------------------------------|-------------|-------------|------|-------------|
| 4 | Project(s)                       | \$8,391,616 | \$5,733,333 | 68.3 | \$3,612,144 |
| 4 | Cost Sharing Agreements Executed |             |             |      | \$3,458,425 |
| 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 | CSA         | ***** SCHEDULES ***** | ***** ESTIMATES ***** | Actual Obligations/ Expenditures |
|---------|-------|--------|-------|-------------|-----------------------|-----------------------|----------------------------------|
|         |       |        |       | Const Start | Const End             | Baseline              | Current                          |
|         |       |        |       |             |                       |                       | %                                |

**Priority List 2**

|                |      |     |       |             |             |             |             |             |       |           |           |
|----------------|------|-----|-------|-------------|-------------|-------------|-------------|-------------|-------|-----------|-----------|
| you Sauvage #2 | PONT | ORL | 1,281 | 30-Jun-94 A | 15-Apr-96 A | 28-May-97 A | \$1,452,035 | \$1,700,121 | 117.1 | \$999,009 | \$931,958 |
|----------------|------|-----|-------|-------------|-------------|-------------|-------------|-------------|-------|-----------|-----------|

**Remarks/Status:** Construction was completed on March 18, 1997. Initial problems with the pumps were corrected, and the project was accepted at a final inspection conducted May 28, 1997.

Total Priority List 2 1,281

|              |  |  |  |  |  |  |             |             |       |           |           |
|--------------|--|--|--|--|--|--|-------------|-------------|-------|-----------|-----------|
| 1 Project(s) |  |  |  |  |  |  | \$1,452,035 | \$1,700,121 | 117.1 | \$999,009 | \$931,958 |
|--------------|--|--|--|--|--|--|-------------|-------------|-------|-----------|-----------|

- 1 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 THE INTERIOR (FWS)**

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

**Priority List 3**

|                                     |      |       |     |             |           |           |             |             |       |           |          |
|-------------------------------------|------|-------|-----|-------------|-----------|-----------|-------------|-------------|-------|-----------|----------|
| Line Refuge structures (Hog Island) | CALC | CAMER | 953 | 25-Oct-96 A | 01-Oct-98 | 01-Jul-99 | \$4,581,454 | \$4,591,454 | 100.2 | \$220,318 | \$15,640 |
|-------------------------------------|------|-------|-----|-------------|-----------|-----------|-------------|-------------|-------|-----------|----------|

**Remarks/Status:** The construction completion date was revised to accommodate a State-requested review of alternative structure design options. A meeting held on March 21, 1997 led to selection of the current design option. Project completion is now projected to occur in July 1999. Geotechnical investigations are scheduled for fall 1997.

Total Priority List 3 953

|              |  |  |  |  |  |  |             |             |       |           |          |
|--------------|--|--|--|--|--|--|-------------|-------------|-------|-----------|----------|
| 1 Project(s) |  |  |  |  |  |  | \$4,581,454 | \$4,591,454 | 100.2 | \$220,318 | \$15,640 |
|--------------|--|--|--|--|--|--|-------------|-------------|-------|-----------|----------|

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

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

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

**Priority List 5**

|  |       |       |       |           |           |           |             |             |       |                     |
|--|-------|-------|-------|-----------|-----------|-----------|-------------|-------------|-------|---------------------|
| and Bayou / GIWW<br>shwater Introduction | TERRE | LAFOU | 1,609 | 30-Sep-97 | 01-May-99 | 30-Nov-99 | \$5,135,468 | \$5,135,468 | 100.0 | \$74,500<br>\$1,062 |
|--|-------|-------|-------|-----------|-----------|-----------|-------------|-------------|-------|---------------------|

**Remarks/Status:** Based on consultations with fishermen, local residents, and CWPPRA agencies, the most suitable location for the Cutoff Canal structure was determined to be that as originally proposed. Locating the structure at this site would require the installation of an additional structure on Bayou Pointe au Chien to protect residents against project-enhanced tidal flooding. The Fish and Wildlife Service (FWS) is developing costs and designs for several additional structures that could be installed, which together with the Bayou Pointe au Chien structure, would benefit an additional 17,000 acres of fresh to brackish marsh not within the original project area. A proposal for the project modification will be made to CWPPRA agencies by September 1997. Because of these pending project modifications, project completion has been delayed 3 months to November 1999. Results of the TABS modeling, funded by the FWS and EPA, will be available in August 1997. The LA DNR has reviewed the draft cost sharing agreement. The agreement is now being reviewed by FWS personnel in the Atlanta Regional Office.

Total Priority List 5 1,609

\$5,135,468 \$5,135,468 100.0 \$74,500 \$1,062

- 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: DEPT. OF THE INTERIOR (FWS)**

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

**Priority List 6**

|                                     |       |       |     |           |           |           |             |             |       |     |     |
|-------------------------------------|-------|-------|-----|-----------|-----------|-----------|-------------|-------------|-------|-----|-----|
| La Boudreaux FW<br>roduction, Alt B | TERRE | TERRE | 619 | 01-Aug-98 | 01-Aug-02 | 01-Aug-03 | \$4,915,650 | \$4,915,650 | 100.0 | \$0 | \$0 |
|-------------------------------------|-------|-------|-----|-----------|-----------|-----------|-------------|-------------|-------|-----|-----|

**Remarks/Status:** The FWS is working with the LA DNR to acquire land rights for the freshwater introduction inflow/outflow channel. The Service together with Koch Pipeline Company is investigating potential project impacts to the Koch Pipelines in the project area.

|                       |  |  |     |  |  |  |             |             |       |     |     |
|-----------------------|--|--|-----|--|--|--|-------------|-------------|-------|-----|-----|
| Total Priority List 6 |  |  | 619 |  |  |  | \$4,915,650 | \$4,915,650 | 100.0 | \$0 | \$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: DEPT. OF THE INTERIOR (FWS)**

| PROJECT   | BASIN | PARISH | ACRES  | CSA | ***** SCHEDULES ***** |           |              | ***** ESTIMATES ***** |      | Actual                       |
|---|-------|--------|--------|-----|-----------------------|-----------|--------------|-----------------------|------|------------------------------|
|   |       |        |        |     | Const Start           | Const End | Baseline     | Current               | %    | Obligations/<br>Expenditures |
| al DEPT. OF THE INTERIOR, FISH & WILDLIFE SERVICE |       |        | 12,288 |     |                       |           | \$24,476,223 | \$22,076,026          | 90.2 | \$4,905,971                  |
| 8 Project(s)                                      |       |        |        |     |                       |           |              |                       |      | \$4,407,084                  |
| 6 Cost Sharing Agreements Executed                |       |        |        |     |                       |           |              |                       |      |                              |
| 5 Construction Started                            |       |        |        |     |                       |           |              |                       |      |                              |
| 5 Construction Completed                          |       |        |        |     |                       |           |              |                       |      |                              |
| 0 Project(s) Deferred/Deauthorized                |       |        |        |     |                       |           |              |                       |      |                              |

es:

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

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

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

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

**Priority List 1**

|                          |       |       |   |  |  |           |         |     |         |
|--------------------------|-------|-------|---|--|--|-----------|---------|-----|---------|
| urchon Hydrologic storat | TERRE | LAFOU | 0 |  |  | \$252,036 | \$6,999 | 2.8 | \$6,999 |
|--------------------------|-------|-------|---|--|--|-----------|---------|-----|---------|

**Remarks/Status:** In a meeting on October 7, 1993, Port Fourchon conveyed to NMFS personnel that any additional work in the project area could be conducted by the Port and they did not wish to see the project pursued because they question its benefits and are concerned that undesired Government / general public involvement would result after implementation.

NMFS has recommended to the Task Force that the project be deauthorized and the Task Force concurred at the July 14, 1994 meeting.

|  |       |       |   |             |  |             |           |     |          |
|--|-------|-------|---|-------------|--|-------------|-----------|-----|----------|
| ver Bayou LaCache trologic Restoration | TERRE | TERRE | 0 | 17-Apr-93 A |  | \$1,694,739 | \$100,625 | 5.9 | \$99,625 |
|--|-------|-------|---|-------------|--|-------------|-----------|-----|----------|

**Remarks/Status:** In a public hearing on September 22, 1993, with landowners in the project area, users strenuously objected to the proposed closure of the two east-west connections between Bayou Petit Caillou and Bayou Terrebonne. The integrity of the project with these openings must be determined before proceeding with project implementation. As a design response, a boat bay has been proposed for one of the two east-west connections.

NMFS has received a letter from LA DNR, dated February 6, 1995, recommending de-authorization of the project. NMFS has forwarded letter to COE for Task Force approval.

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

| PROJECT               | BASIN | PARISH | ACRES | CSA | ***** SCHEDULES *****<br>Const Start | Const End | ***** ESTIMATES *****<br>Baseline | Current   | *****<br>% | Actual<br>Obligations/<br>Expenditures |
|-----------------------|-------|--------|-------|-----|--------------------------------------|-----------|-----------------------------------|-----------|------------|--|
| Total Priority List 1 |       |        |       |     |                                      |           |                                   |           |            |  |
|                       |       |        | 0     |     |                                      |           | \$1,946,775                       | \$107,625 | 5.5        | \$106,625<br>\$106,625                 |

2 Project(s)

1 Cost Sharing Agreements Executed

0 Construction Started

0 Construction Completed

2 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 | CSA         | ***** SCHEDULES ***** | ***** ESTIMATES ***** | Actual Obligations/ Expenditures |
|---------|-------|--------|-------|-------------|-----------------------|-----------------------|----------------------------------|
|         |       |        |       | Const Start | Const End             | Baseline              | Current %                        |

**Priority List 2**

|                              |      |       |       |             |           |           |           |             |        |             |           |
|------------------------------|------|-------|-------|-------------|-----------|-----------|-----------|-------------|--------|-------------|-----------|
| Chafalaya Sediment<br>(every | ATCH | STMRY | 2,232 | 01-Aug-94 A | 01-Oct-97 | 01-Sep-98 | \$907,810 | \$1,589,920 | 175.1! | \$1,209,309 | \$672,977 |
|------------------------------|------|-------|-------|-------------|-----------|-----------|-----------|-------------|--------|-------------|-----------|

**Remarks/Status:**

|                            |      |       |       |             |           |           |             |             |        |             |             |
|----------------------------|------|-------|-------|-------------|-----------|-----------|-------------|-------------|--------|-------------|-------------|
| Island Mining<br>(ement 1) | ATCH | STMRY | 2,160 | 01-Aug-94 A | 01-Oct-97 | 01-Sep-98 | \$4,136,057 | \$5,819,938 | 140.7! | \$4,393,495 | \$3,007,000 |
|----------------------------|------|-------|-------|-------------|-----------|-----------|-------------|-------------|--------|-------------|-------------|

**Remarks/Status:**

|           |       |       |     |             |             |             |             |             |        |             |           |
|-----------|-------|-------|-----|-------------|-------------|-------------|-------------|-------------|--------|-------------|-----------|
| It Au Fer | TERRE | TERRE | 375 | 01-Jan-94 A | 01-Oct-95 A | 08-May-97 A | \$1,069,589 | \$1,567,000 | 146.5! | \$1,184,190 | \$881,137 |
|-----------|-------|-------|-----|-------------|-------------|-------------|-------------|-------------|--------|-------------|-----------|

**Remarks/Status:**

Construction for the project will be accomplished in two phases. Phase I construction on the wooden plugs in the oil and gas access canals in Area 1 was completed December 22, 1995. Phase II construction is Area 2 has been delayed until suitable materials can be found to backfill the canal fronting the Gulf of Mexico. Phase II construction is slated for completion in May 1997.

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

| PROJECT | BASIN | PARISH | ACRES | CSA | ***** SCHEDULES ***** |           |          | ***** ESTIMATES ***** |   | Actual                       |
|---------|-------|--------|-------|-----|-----------------------|-----------|----------|-----------------------|---|------------------------------|
|         |       |        |       |     | Const Start           | Const End | Baseline | Current               | % | Obligations/<br>Expenditures |

**Priority List 3**

|  |      |      |       |             |  |  |             |             |       |                            |
|--|------|------|-------|-------------|--|--|-------------|-------------|-------|----------------------------|
| Du Perot / Bayou<br>Lettres Marsh<br>oration | BARA | JEFF | 1,065 | 01-Mar-95 A |  |  | \$1,835,047 | \$1,844,750 | 100.5 | \$1,389,483<br>\$1,292,580 |
|--|------|------|-------|-------------|--|--|-------------|-------------|-------|----------------------------|

**Remarks/Status:** A feasibility study conducted by LA DNR indicated that possible wetlands benefits from construction of this project are questionable. LA DNR has indicated a willingness to deauthorize the project. In April 1996, LA DNR had asked to reconsider the project with potential of combining this with two other projects in the watershed. Discussions are on-going at this time on the proposal.

Project on hold.

|                                      |       |       |       |             |           |           |             |             |       |                            |
|--------------------------------------|-------|-------|-------|-------------|-----------|-----------|-------------|-------------|-------|----------------------------|
| Timbalier Island<br>ment Restoration | TERRE | LAFOU | 1,013 | 01-Feb-95 A | 01-Apr-98 | 31-Jul-98 | \$2,046,971 | \$2,057,000 | 100.5 | \$1,546,516<br>\$1,462,638 |
|--------------------------------------|-------|-------|-------|-------------|-----------|-----------|-------------|-------------|-------|----------------------------|

**Remarks/Status:**

|  |       |       |     |             |           |           |             |             |      |                           |
|--|-------|-------|-----|-------------|-----------|-----------|-------------|-------------|------|---------------------------|
| Chapeau<br>ent &<br>ologic Restoration | TERRE | TERRE | 509 | 01-Mar-95 A | 01-Nov-97 | 01-May-98 | \$4,149,182 | \$3,995,023 | 96.3 | \$3,129,723<br>\$3,01,988 |
|--|-------|-------|-----|-------------|-----------|-----------|-------------|-------------|------|---------------------------|

**Remarks/Status:** Preliminary engineering and design plans will be reviewed in July 1996. Field surveying and geotechnical data collection completed in May 1996.

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

Actual  
Obligations/  
Expenditures

**PROJECT**      **BASIN**      **PARISH**      **ACRES**      **CSA**      **SCHEDULES**      **ESTIMATES**      **Baseline**      **Current**      **%**      **Actual**

| PROJECT                               | BASIN | PARISH | ACRES | CSA         | SCHEDULES   | ESTIMATES | Baseline    | Current     | %      | Actual                       |
|---------------------------------------|-------|--------|-------|-------------|-------------|-----------|-------------|-------------|--------|------------------------------|
|                                       |       |        |       |             | Const Start | Const End |             |             |        | Obligations/<br>Expenditures |
| like Salvador Shore<br>rotection Demo | BARA  | STCHA  | 176   | 01-Mar-95 A | 02-Jul-97 A | 01-Sep-97 | \$1,444,628 | \$2,565,894 | 177.61 | \$1,924,421<br>\$1,078,619   |

Remarks/Status:

Total Priority List 3      2,763

\$9,475,828      \$10,462,667      110.4  
\$7,990,143  
\$6,835,825

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

|                |              |               |              |            |                              |                              |   |
|----------------|--------------|---------------|--------------|------------|------------------------------|------------------------------|---|
| <b>PROJECT</b> | <b>BASIN</b> | <b>PARISH</b> | <b>ACRES</b> | <b>CSA</b> | <b>***** SCHEDULES *****</b> | <b>***** ESTIMATES *****</b> | <b>Actual Obligations/ Expenditures</b> |
|                |              |               |              |            | <b>Const Start</b>           | <b>Baseline</b>              |   |
|                |              |               |              |            | <b>Const End</b>             | <b>Current</b>               | <b>%</b>                                |

**Priority List 4**

|   |       |       |     |             |           |           |             |             |       |             |          |
|---|-------|-------|-----|-------------|-----------|-----------|-------------|-------------|-------|-------------|----------|
| East Timbalier Island<br>Sediment Restoration | TERRE | LAFOU | 215 | 08-Jun-95 A | 01-Apr-98 | 31-Dec-98 | \$5,752,404 | \$5,752,404 | 100.0 | \$4,314,749 | \$61,335 |
|---|-------|-------|-----|-------------|-----------|-----------|-------------|-------------|-------|-------------|----------|

Remarks/Status:

|                                      |      |       |       |  |  |  |             |             |       |          |         |
|--------------------------------------|------|-------|-------|--|--|--|-------------|-------------|-------|----------|---------|
| East Isles East Marsh<br>Restoration | PONT | STTAM | 1,454 |  |  |  | \$5,018,968 | \$5,018,968 | 100.0 | \$41,347 | \$1,073 |
|--------------------------------------|------|-------|-------|--|--|--|-------------|-------------|-------|----------|---------|

Remarks/Status: Representatives of the CWPPRA Task Force are discussing with present landowner on the donation or acquisition of a large amount of the tract for restoration.

Total Priority List 4 1,669

|  |              |              |       |             |          |
|--|--------------|--------------|-------|-------------|----------|
|  | \$10,771,372 | \$10,771,372 | 100.0 | \$4,356,096 | \$62,407 |
|--|--------------|--------------|-------|-------------|----------|

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



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

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

**Priority List 5**

|                                       |       |       |     |            |           |           |           |           |       |                      |
|---------------------------------------|-------|-------|-----|------------|-----------|-----------|-----------|-----------|-------|----------------------|
| Little Vermillion Bay<br>Mud Trapping | TECHE | VERMI | 441 | 01-May-97A | 01-Dec-97 | 01-Jan-98 | \$940,065 | \$940,100 | 100.0 | \$702,576<br>\$1,062 |
|---------------------------------------|-------|-------|-----|------------|-----------|-----------|-----------|-----------|-------|----------------------|

**Remarks/Status:**

|                      |      |      |       |            |           |           |              |              |       |                         |
|----------------------|------|------|-------|------------|-----------|-----------|--------------|--------------|-------|-------------------------|
| Little Grove Siphon, | BARA | PLAQ | 1,119 | 15-Mar-97A | 01-Aug-98 | 01-Oct-98 | \$10,500,000 | \$10,500,000 | 100.0 | \$3,372,500<br>\$14,488 |
|----------------------|------|------|-------|------------|-----------|-----------|--------------|--------------|-------|-------------------------|

**Remarks/Status:** The 5th Priority List authorized funding in the amount of \$4,500,000 for the FY 96 Phase 1 of this project. Priority List 6 authorized funding in the amount of \$6,000,000. Priority List 7 is scheduled to fund the remaining \$5,000,000 if the project is fully implemented. Total project cost is estimated to be \$15,525,950.

Early site investigations have been initiated. A cooperative agreement with LA DNR should be approved by September 1, 1996.

|                       |  |  |       |  |  |  |              |              |       |                         |
|-----------------------|--|--|-------|--|--|--|--------------|--------------|-------|-------------------------|
| Total Priority List 5 |  |  | 1,560 |  |  |  | \$11,440,065 | \$11,440,100 | 100.0 | \$4,075,076<br>\$15,550 |
|-----------------------|--|--|-------|--|--|--|--------------|--------------|-------|-------------------------|

2 Project(s)

2 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 | CSA | Const Start | Const End | Baseline | ESTIMATES Current | % | Actual Obligations/ Expenditures |
|---------|-------|--------|-------|-----|-------------|-----------|----------|-------------------|---|----------------------------------|
|---------|-------|--------|-------|-----|-------------|-----------|----------|-------------------|---|----------------------------------|

Priority List 6

|                                    |      |       |       |  |  |  |             |             |       |            |
|------------------------------------|------|-------|-------|--|--|--|-------------|-------------|-------|------------|
| Black Bayou Hydrologic Restoration | CALC | CAMER | 3,594 |  |  |  | \$6,316,800 | \$6,316,806 | 100.0 | \$0<br>\$0 |
|------------------------------------|------|-------|-------|--|--|--|-------------|-------------|-------|------------|

Remarks/Status:

|                     |       |      |       |  |  |  |             |             |       |            |
|---------------------|-------|------|-------|--|--|--|-------------|-------------|-------|------------|
| Area-Wide Crevasses | DELTA | PLAQ | 2,386 |  |  |  | \$2,736,950 | \$2,736,950 | 100.0 | \$0<br>\$0 |
|---------------------|-------|------|-------|--|--|--|-------------|-------------|-------|------------|

Remarks/Status: Priority List 6 authorizes funding of \$2,736,950 for Phase 1 of this 2-phased project. Priority List 7 is scheduled to fund \$2,736,950. Total project is scheduled to cost \$5,473,900.

|                  |       |       |       |  |  |  |             |             |       |            |
|------------------|-------|-------|-------|--|--|--|-------------|-------------|-------|------------|
| Sediment Mapping | TECHE | STMAR | 1,999 |  |  |  | \$3,167,400 | \$3,167,400 | 100.0 | \$0<br>\$0 |
|------------------|-------|-------|-------|--|--|--|-------------|-------------|-------|------------|

Remarks/Status:

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

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

|                                       |       |       |  |  |  |  |           |           |       |     |
|---------------------------------------|-------|-------|--|--|--|--|-----------|-----------|-------|-----|
| Terria Harvest for Island Restoration | TERRE | COAST |  |  |  |  | \$400,000 | \$400,000 | 100.0 | \$0 |
|---------------------------------------|-------|-------|--|--|--|--|-----------|-----------|-------|-----|

**Remarks/Status:** This is a two-phased project. Priority List 6 authorizes \$400,000 for phase 1; Priority List 7 is scheduled to fund \$1,740,000. The total project will cost \$2,140,000.

|                       |  |  |  |  |  |  |  |  |  |       |              |              |       |     |
|-----------------------|--|--|--|--|--|--|--|--|--|-------|--------------|--------------|-------|-----|
| Total Priority List 6 |  |  |  |  |  |  |  |  |  | 7,979 | \$12,621,150 | \$12,621,156 | 100.0 | \$0 |
|-----------------------|--|--|--|--|--|--|--|--|--|-------|--------------|--------------|-------|-----|

- 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 COMMERCE (NMFS)**

| PROJECT  | BASIN | PARISH | ACRES | CSA | ***** SCHEDULES ***** |           |          | ***** ESTIMATES ***** |              | Actual Obligations/<br>Expenditures |              |              |
|--|-------|--------|-------|-----|-----------------------|-----------|----------|-----------------------|--------------|-------------------------------------|--------------|--------------|
|  |       |        |       |     | Const Start           | Const End | Baseline | Current               | %            |                                     |              |              |
| Total DEPT. OF COMMERCE, NATIONAL MARINE FISHERIES SERVICE |       |        |       |     | 18,738                |           |          | \$52,368,646          | \$54,379,778 | 103.8                               | \$23,314,933 | \$11,581,521 |
| 17   |       |        |       |     |                       |           |          |                       |              |                                     |              |              |
| 11   |       |        |       |     |                       |           |          |                       |              |                                     |              |              |
| 2  |       |        |       |     |                       |           |          |                       |              |                                     |              |              |
| 1  |       |        |       |     |                       |           |          |                       |              |                                     |              |              |
| 2  |       |        |       |     |                       |           |          |                       |              |                                     |              |              |

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 AGRICULTURE (NRCS)**

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

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

**Priority List 1**

|                                 |      |       |     |             |             |           |             |             |      |                          |
|---------------------------------|------|-------|-----|-------------|-------------|-----------|-------------|-------------|------|--------------------------|
| 2 GIWW to<br>Wetland<br>Storage | BARA | LAFOU | 175 | 17-Apr-93 A | 21-Apr-97 A | 28-Feb-98 | \$8,141,512 | \$6,859,412 | 84.3 | \$1,240,913<br>\$568,255 |
|---------------------------------|------|-------|-----|-------------|-------------|-----------|-------------|-------------|------|--------------------------|

**Remarks/Status:** The project has been divided into a number of smaller contracts in order to expedite implementation.

Contract 1: Begin: 1 May 97 Complete: 30 Nov 97 \$ 646,691  
 Contract 2: Begin: 30 Dec 97 Complete: 30 Apr 98 \$2,826,968  
 Contingency: \$ 765,575

|   |      |       |     |             |             |             |           |          |      |                      |
|---|------|-------|-----|-------------|-------------|-------------|-----------|----------|------|----------------------|
| Vegetative Plantings<br>no - Dewitt-<br>lover | MERM | VERMI | 312 | 17-Apr-93 A | 11-Jul-94 A | 26-Aug-94 A | \$191,003 | \$79,282 | 41.5 | \$79,448<br>\$79,448 |
|---|------|-------|-----|-------------|-------------|-------------|-----------|----------|------|----------------------|

**Remarks/Status:** Sub-project of the Vegetative Plantings project.

Dewitt-Rollover has been de-authorized.

|  |       |       |    |             |             |             |           |           |       |                        |
|--|-------|-------|----|-------------|-------------|-------------|-----------|-----------|-------|------------------------|
| Vegetative Plantings<br>no - Falgout Canal | TERRE | TERRE | 54 | 17-Apr-93 A | 30-Aug-96 A | 30-Dec-96 A | \$144,561 | \$180,296 | 124.7 | \$118,532<br>\$107,480 |
|--|-------|-------|----|-------------|-------------|-------------|-----------|-----------|-------|------------------------|

**Remarks/Status:** Sub-project of the Vegetative Plantings project. Wave-stilling devices are in place. Vegetative plantings to be complete in April 1997.

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

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

|   |       |       |     |             |             |             |           |           |       |                       |
|---|-------|-------|-----|-------------|-------------|-------------|-----------|-----------|-------|-----------------------|
| Vegetative Plantings<br>no - Timbalier<br>and | TERRE | TERRE | 169 | 17-Apr-93 A | 15-Mar-95 A | 30-Jul-96 A | \$372,589 | \$411,602 | 110.5 | \$333,019<br>\$96,292 |
|---|-------|-------|-----|-------------|-------------|-------------|-----------|-----------|-------|-----------------------|

Remarks/Status: Sub-project of the Vegetative Plantings project.

The contract to install the sand fences has been completed and the vegetation was planted during the summer of 1996. The project is complete.

|   |      |       |    |             |             |             |           |           |       |                        |
|---|------|-------|----|-------------|-------------|-------------|-----------|-----------|-------|------------------------|
| Vegetative Plantings<br>no - West Hackberry | CALC | CAMER | 98 | 17-Apr-93 A | 15-Apr-93 A | 30-Mar-94 A | \$213,947 | \$225,157 | 105.2 | \$154,898<br>\$151,013 |
|---|------|-------|----|-------------|-------------|-------------|-----------|-----------|-------|------------------------|

Remarks/Status: Sub-project of the Vegetative Plantings project. The project is complete.

|                       |     |             |             |      |                            |
|-----------------------|-----|-------------|-------------|------|----------------------------|
| Total Priority List 1 | 808 | \$9,063,612 | \$7,755,749 | 85.6 | \$1,926,810<br>\$1,002,489 |
|-----------------------|-----|-------------|-------------|------|----------------------------|

- 5 Project(s)
- 5 Cost Sharing Agreements Executed
- 5 Construction Started
- 4 Construction Completed
- 1 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 | CSA | ***** SCHEDULES ***** |           | ***** ESTIMATES ***** |         | Actual Obligations/<br>Expenditures |
|---------|-------|--------|-------|-----|-----------------------|-----------|-----------------------|---------|-------------------------------------|
|         |       |        |       |     | Const Start           | Const End | Baseline              | Current |                                     |

**Priority List 2**

|          |      |       |     |             |           |           |             |             |       |                        |
|----------|------|-------|-----|-------------|-----------|-----------|-------------|-------------|-------|------------------------|
| own Lake | CALC | CAMER | 274 | 28-Mar-94 A | 15-Dec-97 | 01-Oct-98 | \$3,222,800 | \$3,222,666 | 100.0 | \$240,196<br>\$140,313 |
|----------|------|-------|-----|-------------|-----------|-----------|-------------|-------------|-------|------------------------|

**Remarks/Status:** Land rights may be a problem holding up construction start.

**Marvon Outfall  
Management**

|  |      |      |     |             |  |  |             |             |       |                        |
|--|------|------|-----|-------------|--|--|-------------|-------------|-------|------------------------|
|  | BRET | PLAQ | 802 | 13-Oct-94 A |  |  | \$2,522,199 | \$2,634,353 | 104.4 | \$268,687<br>\$149,573 |
|--|------|------|-----|-------------|--|--|-------------|-------------|-------|------------------------|

**Remarks/Status:** NRCS correspondence dated September 30, 1996 requests DNR to evaluate project for possible de-authorization. DNR correspondence of December 6, 1996 concurs with NRCS to begin formal de-authorization of project. As of 1 July 1997, LA DNR has stated that problems may be able to be resolved, and requested that NRCS not proceed with formal de-authorization at July 1997 Task Force meeting. Further discussion with primary landowner has put de-authorization on hold. A meeting is scheduled in late July 1997 between NRCS, LA DNR and primary landowner to see if problems can be resolved. Project on hold pending results of meeting.

**Shwater Bayou**

|  |      |       |       |             |             |           |             |             |       |                            |
|--|------|-------|-------|-------------|-------------|-----------|-------------|-------------|-------|----------------------------|
|  | MERM | VERMI | 1,604 | 17-Aug-94 A | 29-Aug-94 A | 31-Dec-97 | \$2,770,093 | \$2,780,100 | 100.4 | \$1,273,095<br>\$1,120,063 |
|--|------|-------|-------|-------------|-------------|-----------|-------------|-------------|-------|----------------------------|

**Remarks/Status:** The project has been 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.

The rock bank protection was Phase I of this project and was completed on January 26, 1995. Phase II will consist of installing water control structures to benefit the interior marsh area.

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

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

|              |      |       |       |             |           |           |             |             |      |                        |
|--------------|------|-------|-------|-------------|-----------|-----------|-------------|-------------|------|------------------------|
| Wichie Marsh | PONT | STTAM | 1,040 | 21-Feb-95 A | 30-Aug-98 | 01-Mar-99 | \$3,048,389 | \$2,875,475 | 94.3 | \$226,557<br>\$114,313 |
|--------------|------|-------|-------|-------------|-----------|-----------|-------------|-------------|------|------------------------|

**Remarks/Status:** Delays in project construction start occurred as a land owner had changed his position regarding prompting design changes, and local officials expressed concerns about drainage that required additional investigations.

|             |      |       |     |             |           |           |           |           |       |                      |
|-------------|------|-------|-----|-------------|-----------|-----------|-----------|-----------|-------|----------------------|
| Project 384 | CALC | CAMER | 150 | 13-Oct-94 A | 30-Nov-97 | 28-Apr-98 | \$700,717 | \$756,562 | 108.0 | \$76,226<br>\$40,313 |
|-------------|------|-------|-----|-------------|-----------|-----------|-----------|-----------|-------|----------------------|

**Remarks/Status:** Difference of opinion between agencies concerning impacts and benefits resulted in delays, and multiple, complex land-owner title issues are not yet resolved.

|                        |      |      |     |             |           |           |             |             |       |                        |
|------------------------|------|------|-----|-------------|-----------|-----------|-------------|-------------|-------|------------------------|
| Jonathan Davis Wetland | BARA | JEFF | 510 | 05-Jan-95 A | 30-Dec-97 | 31-Jul-99 | \$3,398,867 | \$4,046,673 | 119.1 | \$346,862<br>\$236,891 |
|------------------------|------|------|-----|-------------|-----------|-----------|-------------|-------------|-------|------------------------|

**Remarks/Status:** Land rights are a problem.

|          |      |       |       |             |             |             |             |             |      |                            |
|----------|------|-------|-------|-------------|-------------|-------------|-------------|-------------|------|----------------------------|
| Old Lake | CALC | CAMER | 1,520 | 24-Mar-94 A | 01-Oct-95 A | 15-Jun-96 A | \$2,903,635 | \$2,798,432 | 96.4 | \$1,472,485<br>\$1,350,377 |
|----------|------|-------|-------|-------------|-------------|-------------|-------------|-------------|------|----------------------------|

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



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

| PROJECT                   | BASIN | PARISH | ACRES | CSA         | Const Start | Const End   | ***** ESTIMATES ***** | ***** ESTIMATES ***** | Actual Obligations/ Expenditures |
|---------------------------|-------|--------|-------|-------------|-------------|-------------|-----------------------|-----------------------|----------------------------------|
|                           |       |        |       |             |             |             | Baseline              | Current               | %                                |
| ermillion Bay/Boston anal | TECHE | VERMI  | 378   | 24-Mar-94 A | 13-Sep-94 A | 30-Nov-95 A | \$1,008,634           | \$965,473             | 95.7                             |
|                           |       |        |       |             |             |             |                       |                       | \$690,231                        |
|                           |       |        |       |             |             |             |                       |                       | \$671,882                        |

**Remarks/Status:** The structural portion of the project - shoreline protection - is complete.

The vegetative portion of the project is complete.

Total Priority List 2 6,278

\$19,575,334 \$20,079,734 102.6 \$4,594,339 \$3,823,725

- 8 Project(s)
- 8 Cost Sharing Agreements Executed
- 3 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 AGRICULTURE (NRCS)**

| PROJECT | BASIN | PARISH | ACRES | CSA | ***** SCHEDULES *****<br>Const Start | Const End | ***** ESTIMATES *****<br>Baseline | Current | % | Actual<br>Obligations/<br>Expenditures |
|---------|-------|--------|-------|-----|--------------------------------------|-----------|-----------------------------------|---------|---|--|
|---------|-------|--------|-------|-----|--------------------------------------|-----------|-----------------------------------|---------|---|--|

**Priority List 3**

|          |       |       |     |             |           |           |             |             |      |                       |
|----------|-------|-------|-----|-------------|-----------|-----------|-------------|-------------|------|-----------------------|
| dy Canal | TERRE | TERRE | 297 | 13-Oct-94 A | 30-May-98 | 31-Jan-99 | \$4,717,928 | \$4,598,773 | 97.5 | \$202,031<br>\$32,361 |
|----------|-------|-------|-----|-------------|-----------|-----------|-------------|-------------|------|-----------------------|

**Remarks/Status:** Project delayed because of landowner concerns about permit conditions regarding monitoring, and objection from a pipeline company in the area. In addition, CSA revisions are needed to accommodate the landowner's interest in providing non-Federal funding.

|                           |      |       |       |             |           |           |             |             |       |                    |
|---------------------------|------|-------|-------|-------------|-----------|-----------|-------------|-------------|-------|--------------------|
| eron Creole<br>aintenance | CALC | CAMER | 2,602 | 09-Jan-97 A | 01-Aug-97 | 31-Jul-98 | \$3,719,926 | \$3,730,000 | 100.3 | \$7,500<br>\$6,174 |
|---------------------------|------|-------|-------|-------------|-----------|-----------|-------------|-------------|-------|--------------------|

**Remarks/Status:** This project provides for maintenance on an as-needed basis, therefore, a definite design completion start date cannot be set.

|                                  |       |       |       |             |           |           |             |             |      |                       |
|----------------------------------|-------|-------|-------|-------------|-----------|-----------|-------------|-------------|------|-----------------------|
| e Blanche<br>rologic Restoration | TECHE | STMRY | 2,223 | 01-Jul-96 A | 30-Nov-97 | 31-May-98 | \$5,173,062 | \$4,964,802 | 96.0 | \$413,046<br>\$58,256 |
|----------------------------------|-------|-------|-------|-------------|-----------|-----------|-------------|-------------|------|-----------------------|

**Remarks/Status:** LA DNR's placement of the project on a September 1995 candidate deauthorization list caused delays, as did the CSA being put on hold during that time. Land rights may be a problem holding up construction.

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

| PROJECT   | BASIN | PARISH | ACRES | CSA         | ***** SCHEDULES *****<br>Const Start | Const End   | ***** ESTIMATES *****<br>Baseline | Current     | %     | Actual<br>Obligations/<br>Expenditures |
|---|-------|--------|-------|-------------|--------------------------------------|-------------|-----------------------------------|-------------|-------|--|
| Shore White Lake  | MERM  | VERMI  | 16    | 11-Jan-95 A | 30-Apr-96 A                          | 31-Jul-96 A | \$126,062                         | \$146,944   | 116.6 | \$58,286<br>\$17,748                   |
| <b>Remarks/Status:</b> The project is complete.   |       |        |       |             |                                      |             |                                   |             |       |  |
| plet Freshwater<br>istribution  | PONT  | STBER  | 247   | 13-Oct-94 A | 30-Sep-98                            | 30-Sep-99   | \$1,821,438                       | \$1,831,440 | 100.5 | \$143,011<br>\$8,001                   |
| <b>Remarks/Status:</b> Rights-of-way to gain access to the site is a problem due to multiple landowner coordination, and additional questions have arisen about rights to operate existing siphon.  |       |        |       |             |                                      |             |                                   |             |       |  |
| st Pointe-a-la-<br>he Outfall<br>agement  | BARA  | PLAQ   | 1,087 | 05-Jan-95 A | 01-Aug-98                            | 30-Mar-99   | \$881,148                         | \$891,100   | 101.1 | \$98,923<br>\$7,893                    |
| <b>Remarks/Status:</b>  |       |        |       |             |                                      |             |                                   |             |       |  |
| ie's Ditch Outfall<br>agement   | BRET  | PLAQ   | 37    | 13-Oct-94 A | 01-Aug-98                            | 30-Nov-98   | \$756,134                         | \$766,160   | 101.3 | \$102,335<br>\$8,633                   |
| <b>Remarks/Status:</b> LA DNR concurs with NRCS to begin formal de-authorization of the project. Formal de-authorization proceeding are on hold as of 1 July 1997 and may be presented at a future Task Force meeting in conjunction with Caernarvon. |       |        |       |             |                                      |             |                                   |             |       |  |

**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/<br>Expenditures |
|---------------------|-------|--------|-------|-----------------------|--------------|-----------------------|---------|-------------------------------------|
|                     |       |        |       | Const Start           | Const End    | Baseline              | Current |                                     |
| Total Priority List |       |        | 3     | 6,509                 | \$17,195,698 | \$16,929,219          | 98.5    | \$1,025,132                         |

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

\$139,065

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

| PROJECT | BASIN | PARISH | ACRES | CSA | ***** SCHEDULES *****<br>Const Start | Const End | ***** ESTIMATES *****<br>Baseline | Current | % | Actual<br>Obligations/<br>Expenditures |
|---------|-------|--------|-------|-----|--------------------------------------|-----------|-----------------------------------|---------|---|--|
|---------|-------|--------|-------|-----|--------------------------------------|-----------|-----------------------------------|---------|---|--|

**Priority List 4**

|  |      |       |     |             |           |           |             |             |       |                      |
|--|------|-------|-----|-------------|-----------|-----------|-------------|-------------|-------|----------------------|
| you L'Ours Ridge<br>hydrologic Restoration | BARA | LAFOU | 737 | 23-Jun-97 A | 01-Jun-99 | 01-Jul-00 | \$2,418,676 | \$2,418,676 | 100.0 | \$251,555<br>\$1,073 |
|--|------|-------|-----|-------------|-----------|-----------|-------------|-------------|-------|----------------------|

Remarks/Status:

|                         |      |      |     |             |           |           |             |             |       |                      |
|-------------------------|------|------|-----|-------------|-----------|-----------|-------------|-------------|-------|----------------------|
| WW "Dupre Cut" -<br>est | BARA | JEFF | 232 | 23-Jun-97 A | 01-Jul-98 | 28-Feb-99 | \$2,192,418 | \$2,192,418 | 100.0 | \$181,246<br>\$1,377 |
|-------------------------|------|------|-----|-------------|-----------|-----------|-------------|-------------|-------|----------------------|

Remarks/Status:

|                         |       |       |   |           |           |           |           |           |       |                     |
|-------------------------|-------|-------|---|-----------|-----------|-----------|-----------|-----------|-------|---------------------|
| ant Marsh Fencing<br>no | TERRE | TERRE | 0 | 30-Sep-97 | 30-Jan-99 | 30-Jul-99 | \$367,066 | \$367,066 | 100.0 | \$73,294<br>\$1,073 |
|-------------------------|-------|-------|---|-----------|-----------|-----------|-----------|-----------|-------|---------------------|

Remarks/Status: Difficulty in locating an appropriate site for demonstration and difficulty in addressing engineering constraints.

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

| PROJECT                      | BASIN | PARISH | ACRES | CSA        | ***** SCHEDULES ***** |           |             | ***** ESTIMATES ***** |       | Actual<br>Obligations/<br>Expenditures |
|------------------------------|-------|--------|-------|------------|-----------------------|-----------|-------------|-----------------------|-------|--|
|                              |       |        |       |            | Const Start           | Const End | Baseline    | Current               | %     |  |
| erry Ridge Bank<br>rotection | CALC  | CALCA  | 1,203 | 23-Jun-97A | 01-Dec-97             | 30-Jun-98 | \$2,223,518 | \$2,223,518           | 100.0 | \$182,094<br>\$1,073                   |
| owed Terraces Demo           | CALC  | CAMER  | 0     | 30-Aug-97  | 01-Apr-98             | 30-Sep-98 | \$299,690   | \$299,690             | 100.0 | \$44,542<br>\$1,073                    |

Remarks/Status: Land rights may be a problem holding up construction.

Remarks/Status: Project was put on hold pending results of an earlier terraces demonstration project being paid for by the Gulf of Mexico program. The project is currently proceeding.

Total Priority List 4 2,172

\$7,501,368 \$7,501,368 100.0 \$732,731 \$5,668

- 5 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 AGRICULTURE (NRCS)**

| PROJECT | BASIN | PARISH | ACRES | CSA | ***** SCHEDULES *****<br>Const Start | Const End | ***** ESTIMATES *****<br>Baseline | Current | % | Actual<br>Obligations/<br>Expenditures |
|---------|-------|--------|-------|-----|--------------------------------------|-----------|-----------------------------------|---------|---|--|
|---------|-------|--------|-------|-----|--------------------------------------|-----------|-----------------------------------|---------|---|--|

**Priority List 5**

|  |      |       |     |            |           |           |             |             |       |                      |
|--|------|-------|-----|------------|-----------|-----------|-------------|-------------|-------|----------------------|
| Freshwater Bayou<br>Bank Stabilization | MERM | VERMI | 511 | 30-Jun-97A | 15-Dec-97 | 15-Apr-98 | \$3,998,919 | \$3,998,919 | 100.0 | \$154,968<br>\$1,062 |
|--|------|-------|-----|------------|-----------|-----------|-------------|-------------|-------|----------------------|

Remarks/Status:

|                             |      |      |     |           |           |           |             |             |       |                      |
|-----------------------------|------|------|-----|-----------|-----------|-----------|-------------|-------------|-------|----------------------|
| Storm Outfall<br>Management | BARA | PLAQ | 633 | 30-Sep-97 | 01-Mar-99 | 30-Sep-99 | \$1,686,865 | \$1,686,865 | 100.0 | \$109,981<br>\$1,062 |
|-----------------------------|------|------|-----|-----------|-----------|-----------|-------------|-------------|-------|----------------------|

Remarks/Status:

|                               |       |       |  |            |            |           |             |             |       |                        |
|-------------------------------|-------|-------|--|------------|------------|-----------|-------------|-------------|-------|------------------------|
| Coon Island<br>Wetwaters Demo | TERRE | TERRE |  | 03-Sep-96A | 21-Apr-97A | 31-Jul-97 | \$1,497,538 | \$2,063,398 | 137.8 | \$1,765,830<br>\$1,062 |
|-------------------------------|-------|-------|--|------------|------------|-----------|-------------|-------------|-------|------------------------|

Remarks/Status:

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

Actual  
Obligations/  
Expenditures

\*\*\*\*\* ESTIMATES \*\*\*\*\*  
Baseline Current %

\*\*\*\*\* SCHEDULES \*\*\*\*\*  
Const Start Const End

CSA  
ACRES

PROJECT

| PROJECT                | BASIN | PARISH | ACRES | CSA | 23-Jun-97 A | 01-Jun-98 | 01-Jun-99 | \$4,800,000 | \$4,800,000 | 100.0 | \$130,535 |
|------------------------|-------|--------|-------|-----|-------------|-----------|-----------|-------------|-------------|-------|-----------|
| weet Lake/Willow<br>ke | CALC  | CAMER  | 247   |     |             |           |           |             |             |       | \$1,062   |

**Remarks/Status:** The 5th Priority List authorized funding in the amount of \$2,300,000 for the FY 96 Phase 1 of this project. Priority List 6 authorized funding in the amount of \$2,500,000 for the FY 97 Phase 2 of the project. Total project cost is \$4,800,000.

Total Priority List 5 1,391

\$11,983,322 \$12,549,182 104.7 \$2,161,314 \$4,246

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



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

Actual  
 Obligations/  
 Expenditures

\*\*\*\*\* SCHEDULES \*\*\*\*\*  
 Const Start Const End Baseline Current %

BASIN PARISH ACRES

PROJECT

Priority List 6

|      |      |     |           |           |           |             |             |       |     |
|------|------|-----|-----------|-----------|-----------|-------------|-------------|-------|-----|
| BARA | JEFF | 217 | 30-Sep-97 | 01-Mar-99 | 30-Aug-99 | \$5,019,900 | \$5,019,900 | 100.0 | \$0 |
|------|------|-----|-----------|-----------|-----------|-------------|-------------|-------|-----|

Remarks/Status: This project will be combined with the Naomi Outfall Management project for planning, design and construction.

|       |       |   |           |           |           |           |           |       |     |
|-------|-------|---|-----------|-----------|-----------|-----------|-----------|-------|-----|
| TECHE | VERMI | 0 | 01-Feb-98 | 01-Oct-99 | 30-Mar-00 | \$500,000 | \$500,000 | 100.0 | \$0 |
|-------|-------|---|-----------|-----------|-----------|-----------|-----------|-------|-----|

Remarks/Status:

|       |       |     |           |           |           |             |             |       |     |
|-------|-------|-----|-----------|-----------|-----------|-------------|-------------|-------|-----|
| TECHE | VERMI | 160 | 01-Feb-98 | 01-Jul-99 | 30-Dec-99 | \$2,367,700 | \$2,367,700 | 100.0 | \$0 |
|-------|-------|-----|-----------|-----------|-----------|-------------|-------------|-------|-----|

Remarks/Status:

cs/Avery Canals  
 trologic Restoration-  
 r 1 (B.S. only)

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

Actual  
Obligations/  
Expenditures

| PROJECT | BASIN | PARISH | ACRES | CSA | Const Start | Const End | ***** ESTIMATES *****<br>Baseline | Current | % | Actual<br>Obligations/<br>Expenditures |
|---------|-------|--------|-------|-----|-------------|-----------|-----------------------------------|---------|---|--|
|---------|-------|--------|-------|-----|-------------|-----------|-----------------------------------|---------|---|--|

|   |       |       |       |           |           |           |             |             |       |            |
|---|-------|-------|-------|-----------|-----------|-----------|-------------|-------------|-------|------------|
| Anchor Basin Plan<br>Shoreline<br>Stabilization | TERRE | TERRE | 1,155 | 01-Feb-98 | 01-Oct-00 | 30-Oct-01 | \$7,051,550 | \$7,051,550 | 100.0 | \$0<br>\$0 |
|---|-------|-------|-------|-----------|-----------|-----------|-------------|-------------|-------|------------|

**Remarks/Status:** Priority List 6 authorizes funding for \$7,051,550; Priority List 7 is scheduled to fund \$7,051,550, for a total project cost of \$14,103,100.

|                       |       |              |              |       |            |
|-----------------------|-------|--------------|--------------|-------|------------|
| Total Priority List 6 | 1,532 | \$14,939,150 | \$14,939,150 | 100.0 | \$0<br>\$0 |
|-----------------------|-------|--------------|--------------|-------|------------|

- 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 AGRICULTURE (NRCS)**

| PROJECT | BASIN  | PARISH | ACRES  | CSA | ***** SCHEDULES ***** |           |              | ***** ESTIMATES ***** | Actual                       |
|---------|--|--------|--------|-----|-----------------------|-----------|--------------|-----------------------|------------------------------|
|         |  |        |        |     | Const Start           | Const End | Baseline     | Current               | Obligations/<br>Expenditures |
| Total   | DEPT. OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE |        | 18,690 |     |                       |           | \$80,258,484 | \$79,754,402          | \$10,440,326                 |
|         |  |        |        |     |                       |           |              | 99.4                  | \$4,975,192                  |

- 33 Project(s)
- 26 Cost Sharing Agreements Executed
- 10 Construction Started
- 7 Construction Completed
- 1 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/<br>Expenditures |                     |                     |
|----------------|----------------------------------|-----------------------|----------------------|----------------------|-------------------------------------|---------------------|---------------------|
|                |                                  | Baseline              | Current              | %                    |                                     |                     |                     |
| <b>SUMMARY</b> | <b>Total All Projects</b>        | <b>67,854</b>         | <b>\$230,200,907</b> | <b>\$238,300,510</b> | <b>103.5</b>                        | <b>\$61,556,914</b> | <b>\$32,899,185</b> |
| 82             | Project(s)                       |                       |                      |                      |                                     |                     |                     |
| 59             | Cost Sharing Agreements Executed |                       |                      |                      |                                     |                     |                     |
| 24             | Construction Started             |                       |                      |                      |                                     |                     |                     |
| 17             | Construction Completed           |                       |                      |                      |                                     |                     |                     |
| 3              | Project(s) Deferred/Deauthorized |                       |                      |                      |                                     |                     |                     |
|                | <b>Total Available Funds</b>     |                       |                      |                      |                                     |                     |                     |
|                | Federal Funds                    |                       |                      | \$188,660,268        |                                     |                     |                     |
|                | Non/Federal Funds                |                       |                      | \$50,894,934         |                                     |                     |                     |
|                | <b>Total Funds</b>               |                       |                      | <b>\$239,555,202</b> |                                     |                     |                     |

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

|                                   | No. of<br>Projects | Acres        | CSA<br>Executed | Under<br>Const. | Completed | Projects<br>Deauth. | Baseline<br>Estimate | Current<br>Estimate | Expenditures<br>To Date |
|-----------------------------------|--------------------|--------------|-----------------|-----------------|-----------|---------------------|----------------------|---------------------|-------------------------|
| <b>Basin: All Basins in State</b> |                    |              |                 |                 |           |                     |                      |                     |                         |
| Priority List: Cons Plan          | 1                  | 0            | 1               | 1               | 0         | 0                   | \$238,871            | \$238,871           | \$13,219                |
| <b>Basin Total</b>                | <b>1</b>           | <b>0</b>     | <b>1</b>        | <b>1</b>        | <b>0</b>  | <b>0</b>            | <b>\$238,871</b>     | <b>\$238,871</b>    | <b>\$13,219</b>         |
| <b>Basin: Atchafalaya</b>         |                    |              |                 |                 |           |                     |                      |                     |                         |
| Priority List:                    | 2                  | 4,392        | 2               | 0               | 0         | 0                   | \$5,043,867          | \$7,409,858         | \$3,679,977             |
| <b>Basin Total</b>                | <b>2</b>           | <b>4,392</b> | <b>2</b>        | <b>0</b>        | <b>0</b>  | <b>0</b>            | <b>\$5,043,867</b>   | <b>\$7,409,858</b>  | <b>\$3,679,977</b>      |
| <b>Basin: Barataria</b>           |                    |              |                 |                 |           |                     |                      |                     |                         |
| Priority List:                    | 1                  | 620          | 3               | 3               | 1         | 0                   | \$9,960,769          | \$8,615,208         | \$1,684,767             |
| Priority List:                    | 2                  | 510          | 1               | 0               | 0         | 0                   | \$3,398,867          | \$4,046,673         | \$236,891               |
| Priority List:                    | 3                  | 2,328        | 3               | 1               | 0         | 0                   | \$4,160,823          | \$5,301,744         | \$2,379,092             |
| Priority List:                    | 4                  | 969          | 2               | 0               | 0         | 0                   | \$4,611,094          | \$4,611,094         | \$2,449                 |
| Priority List:                    | 5                  | 1,752        | 1               | 0               | 0         | 0                   | \$12,186,865         | \$12,186,865        | \$15,550                |
| Priority List:                    | 6                  | 217          | 0               | 0               | 0         | 0                   | \$5,019,900          | \$5,019,900         | \$0                     |
| <b>Basin Total</b>                | <b>12</b>          | <b>6,396</b> | <b>10</b>       | <b>4</b>        | <b>1</b>  | <b>0</b>            | <b>\$39,338,318</b>  | <b>\$39,781,484</b> | <b>\$4,318,749</b>      |

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

|                            | No. of<br>Projects | Acres        | CSA<br>Executed | Under<br>Const. | Completed | Projects<br>Deauth. | Baseline<br>Estimate | Current<br>Estimate | Expenditures<br>To Date |
|----------------------------|--------------------|--------------|-----------------|-----------------|-----------|---------------------|----------------------|---------------------|-------------------------|
| <b>Basin: Breton Sound</b> |                    |              |                 |                 |           |                     |                      |                     |                         |
| Priority List:             | 2                  | 1            | 802             | 1               | 0         | 0                   | \$2,522,199          | \$2,634,353         | \$149,573               |
| Priority List:             | 3                  | 1            | 37              | 1               | 0         | 0                   | \$756,134            | \$766,160           | \$8,633                 |
| Priority List:             | 4                  | 1            | 634             | 0               | 0         | 0                   | \$2,468,908          | \$2,468,908         | \$52,056                |
| <b>Basin Total</b>         | <b>3</b>           | <b>1,473</b> | <b>2</b>        | <b>0</b>        | <b>0</b>  | <b>0</b>            | <b>\$5,747,241</b>   | <b>\$5,869,421</b>  | <b>\$210,262</b>        |

**Basin: Calcasieu**

|                    |           |               |           |          |          |          |                     |                     |                    |
|--------------------|-----------|---------------|-----------|----------|----------|----------|---------------------|---------------------|--------------------|
| Priority List:     | 1         | 3             | 6,127     | 3        | 3        | 0        | \$5,770,187         | \$2,869,804         | \$1,738,866        |
| Priority List:     | 2         | 4             | 3,010     | 4        | 2        | 0        | \$8,568,462         | \$10,682,761        | \$4,290,055        |
| Priority List:     | 3         | 2             | 3,555     | 2        | 0        | 0        | \$8,301,380         | \$8,321,454         | \$21,814           |
| Priority List:     | 4         | 3             | 1,203     | 2        | 0        | 0        | \$2,893,802         | \$2,903,802         | \$8,911            |
| Priority List:     | 5         | 1             | 247       | 1        | 0        | 0        | \$4,800,000         | \$4,800,000         | \$1,062            |
| Priority List:     | 6         | 1             | 3,594     | 0        | 0        | 0        | \$6,316,800         | \$6,316,806         | \$0                |
| <b>Basin Total</b> | <b>14</b> | <b>17,736</b> | <b>12</b> | <b>5</b> | <b>5</b> | <b>0</b> | <b>\$36,650,631</b> | <b>\$35,894,627</b> | <b>\$6,060,708</b> |

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

|                                 | No. of<br>Projects | Acres         | CSA<br>Executed | Under<br>Const. | Completed | Projects<br>Deauth. | Baseline<br>Estimate | Current<br>Estimate | Expenditures<br>To Date |
|---------------------------------|--------------------|---------------|-----------------|-----------------|-----------|---------------------|----------------------|---------------------|-------------------------|
|                                 |                    |               |                 |                 |           |                     |                      |                     |                         |
| <b>Basin: Miss. River Delta</b> |                    |               |                 |                 |           |                     |                      |                     |                         |
| Priority List:                  | 1                  | 9,831         | 0               | 0               | 0         | 0                   | \$8,517,066          | \$13,347,100        | \$454,634               |
| Priority List:                  | 3                  | 1,854         | 1               | 0               | 0         | 0                   | \$3,666,187          | \$5,006,538         | \$329,462               |
| Priority List:                  | 4                  | 0             | 1               | 0               | 0         | 0                   | \$300,000            | \$375,000           | \$19,158                |
| Priority List:                  | 6                  | 2,386         | 0               | 0               | 0         | 0                   | \$4,336,950          | \$4,336,950         | \$0                     |
| <b>Basin Total</b>              | <b>6</b>           | <b>14,071</b> | <b>2</b>        | <b>0</b>        | <b>0</b>  | <b>0</b>            | <b>\$16,820,203</b>  | <b>\$23,065,588</b> | <b>\$803,253</b>        |

|                         |          |              |          |          |          |          |                    |                    |                    |
|-------------------------|----------|--------------|----------|----------|----------|----------|--------------------|--------------------|--------------------|
| <b>Basin: Mermentau</b> |          |              |          |          |          |          |                    |                    |                    |
| Priority List:          | 1        | 559          | 2        | 2        | 2        | 1        | \$1,368,671        | \$1,569,356        | \$978,464          |
| Priority List:          | 2        | 1,604        | 1        | 1        | 0        | 0        | \$2,770,093        | \$2,780,100        | \$1,120,063        |
| Priority List:          | 3        | 16           | 1        | 1        | 1        | 0        | \$126,062          | \$146,944          | \$17,748           |
| Priority List:          | 5        | 511          | 1        | 0        | 0        | 0        | \$3,998,919        | \$3,998,919        | \$1,062            |
| <b>Basin Total</b>      | <b>5</b> | <b>2,690</b> | <b>5</b> | <b>4</b> | <b>3</b> | <b>1</b> | <b>\$8,263,745</b> | <b>\$8,495,319</b> | <b>\$2,117,336</b> |

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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## Project Status Summary Report by Basin

|                             | No. of<br>Projects | Acres        | CSA<br>Executed | Under<br>Const. | Completed | Projects<br>Deauth. | Baseline<br>Estimate | Current<br>Estimate | Expenditures<br>To Date |
|-----------------------------|--------------------|--------------|-----------------|-----------------|-----------|---------------------|----------------------|---------------------|-------------------------|
| <b>Basin: Pontchartrain</b> |                    |              |                 |                 |           |                     |                      |                     |                         |
| Priority List: 1            | 2                  | 1,753        | 2               | 2               | 2         | 0                   | \$6,119,009          | \$5,257,352         | \$4,321,953             |
| Priority List: 2            | 2                  | 2,321        | 2               | 1               | 1         | 0                   | \$4,500,424          | \$4,575,596         | \$1,046,271             |
| Priority List: 3            | 3                  | 1,002        | 3               | 1               | 0         | 0                   | \$2,683,636          | \$2,865,840         | \$478,180               |
| Priority List: 4            | 1                  | 1,454        | 0               | 0               | 0         | 0                   | \$5,018,968          | \$5,018,968         | \$1,073                 |
| Priority List: 5            | 1                  | 199          | 0               | 0               | 0         | 0                   | \$2,890,821          | \$2,890,821         | \$150,441               |
| <b>Basin Total</b>          | <b>9</b>           | <b>6,729</b> | <b>7</b>        | <b>4</b>        | <b>3</b>  | <b>0</b>            | <b>\$21,212,858</b>  | <b>\$20,608,577</b> | <b>\$5,997,918</b>      |

## Basin: Teche / Vermilion

|                    |          |              |          |          |          |          |                     |                     |                    |
|--------------------|----------|--------------|----------|----------|----------|----------|---------------------|---------------------|--------------------|
| Priority List: 1   | 1        | 54           | 1        | 1        | 1        | 0        | \$1,526,000         | \$2,056,249         | \$1,680,652        |
| Priority List: 2   | 1        | 378          | 1        | 1        | 1        | 0        | \$1,008,634         | \$965,473           | \$671,882          |
| Priority List: 3   | 1        | 2,223        | 1        | 0        | 0        | 0        | \$5,173,062         | \$4,964,802         | \$58,256           |
| Priority List: 5   | 1        | 441          | 1        | 0        | 0        | 0        | \$940,065           | \$940,100           | \$1,062            |
| Priority List: 6   | 4        | 2,567        | 0        | 0        | 0        | 0        | \$10,130,000        | \$10,130,000        | \$0                |
| <b>Basin Total</b> | <b>8</b> | <b>5,663</b> | <b>4</b> | <b>2</b> | <b>2</b> | <b>0</b> | <b>\$18,777,761</b> | <b>\$19,056,624</b> | <b>\$2,411,852</b> |



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

|                          | No. of<br>Projects | Acres        | CSA<br>Executed | Under<br>Const. | Completed | Projects<br>Deauth. | Baseline<br>Estimate | Current<br>Estimate | Expenditures<br>To Date |
|--------------------------|--------------------|--------------|-----------------|-----------------|-----------|---------------------|----------------------|---------------------|-------------------------|
|                          |                    |              |                 |                 |           |                     |                      |                     |                         |
| <b>Basin: Terrebonne</b> |                    |              |                 |                 |           |                     |                      |                     |                         |
| Priority List: 1         | 5                  | 232          | 4               | 2               | 2         | 2                   | \$8,809,393          | \$7,083,320         | \$691,843               |
| Priority List: 2         | 3                  | 954          | 3               | 1               | 1         | 0                   | \$12,831,588         | \$14,018,090        | \$1,800,569             |
| Priority List: 3         | 4                  | 3,058        | 4               | 0               | 0         | 0                   | \$15,758,355         | \$15,504,796        | \$4,540,812             |
| Priority List: 4         | 2                  | 215          | 1               | 0               | 0         | 0                   | \$6,119,470          | \$6,119,470         | \$62,407                |
| Priority List: 5         | 3                  | 2,037        | 2               | 1               | 0         | 0                   | \$15,633,006         | \$16,198,866        | \$190,280               |
| Priority List: 6         | 5                  | 2,208        | 0               | 0               | 0         | 0                   | \$18,955,600         | \$18,955,600        | \$0                     |
| <b>Basin Total</b>       | <b>22</b>          | <b>8,704</b> | <b>14</b>       | <b>4</b>        | <b>3</b>  | <b>2</b>            | <b>\$78,107,412</b>  | <b>\$77,880,142</b> | <b>\$7,285,911</b>      |

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

**Project Status Summary Report by Basin**

|                         | No. of<br>Projects | Acres  | CSA<br>Executed | Under<br>Const. | Completed | Projects<br>Deauth. | Baseline<br>Estimate | Current<br>Estimate | Expenditures<br>To Date |
|-------------------------|--------------------|--------|-----------------|-----------------|-----------|---------------------|----------------------|---------------------|-------------------------|
| <b>Total All Basins</b> | 82                 | 67,854 | 59              | 24              | 17        | 3                   | \$230,200,907        | \$238,300,510       | \$32,899,185            |

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Parish

|                          | No. of<br>Projects | Acres  | CSA<br>Executed | Under<br>Const. | Completed | Projects<br>Deauth. | Baseline<br>Estimate | Current<br>Estimate | Expenditures<br>To Date |
|--------------------------|--------------------|--------|-----------------|-----------------|-----------|---------------------|----------------------|---------------------|-------------------------|
| <b>Parish: ASCENSION</b> |                    |        |                 |                 |           |                     |                      |                     |                         |
| Priority List:           | 5                  | 428    | 1               | 0               | 0         | 0                   | \$9,000,000          | \$9,000,000         | \$188,157               |
| Parish Total             | 1                  | 428    | 1               | 0               | 0         | 0                   | \$9,000,000          | \$9,000,000         | \$188,157               |
| <b>Parish: CALCASIEU</b> |                    |        |                 |                 |           |                     |                      |                     |                         |
| Priority List:           | 2                  | 1,066  | 1               | 1               | 1         | 0                   | \$1,741,310          | \$3,905,101         | \$2,759,053             |
| Priority List:           | 4                  | 1,203  | 1               | 0               | 0         | 0                   | \$2,223,518          | \$2,223,518         | \$1,073                 |
| Parish Total             | 2                  | 2,269  | 2               | 1               | 1         | 0                   | \$3,964,828          | \$6,128,619         | \$2,760,125             |
| <b>Parish: CAMERON</b>   |                    |        |                 |                 |           |                     |                      |                     |                         |
| Priority List:           | 1                  | 6,374  | 4               | 4               | 4         | 0                   | \$6,947,855          | \$4,359,878         | \$2,637,882             |
| Priority List:           | 2                  | 1,944  | 3               | 1               | 1         | 0                   | \$6,827,152          | \$6,777,660         | \$1,531,003             |
| Priority List:           | 3                  | 3,555  | 2               | 0               | 0         | 0                   | \$8,301,380          | \$8,321,454         | \$21,814                |
| Priority List:           | 4                  | 0      | 1               | 0               | 0         | 0                   | \$670,284            | \$680,284           | \$7,838                 |
| Priority List:           | 5                  | 247    | 1               | 0               | 0         | 0                   | \$4,800,000          | \$4,800,000         | \$1,062                 |
| Priority List:           | 6                  | 3,594  | 0               | 0               | 0         | 0                   | \$6,316,800          | \$6,316,806         | \$0                     |
| Parish Total             | 13                 | 15,714 | 11              | 5               | 5         | 0                   | \$33,863,471         | \$31,256,082        | \$4,199,599             |

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Parish

|                                 | No. of<br>Projects | Acres    | CSA<br>Executed | Under<br>Const. | Completed | Projects<br>Deauth. | Baseline<br>Estimate | Current<br>Estimate | Expenditures<br>To Date |
|---------------------------------|--------------------|----------|-----------------|-----------------|-----------|---------------------|----------------------|---------------------|-------------------------|
|                                 |                    |          |                 |                 |           |                     |                      |                     |                         |
| <b>Parish: Coastal Parishes</b> |                    |          |                 |                 |           |                     |                      |                     |                         |
| Priority List: Cons Plan        | 1                  | 0        | 1               | 1               | 0         | 0                   | \$238,871            | \$238,871           | \$13,219                |
| Priority List:                  | 6                  |          | 0               | 0               | 0         | 0                   | \$400,000            | \$400,000           | \$0                     |
| <b>Parish Total</b>             | <b>2</b>           | <b>0</b> | <b>1</b>        | <b>1</b>        | <b>0</b>  | <b>0</b>            | <b>\$638,871</b>     | <b>\$638,871</b>    | <b>\$13,219</b>         |

**Parish: JEFFERSON**

|                     |          |              |          |          |          |          |                     |                     |                    |
|---------------------|----------|--------------|----------|----------|----------|----------|---------------------|---------------------|--------------------|
| Priority List:      | 1        | 2            | 445      | 2        | 2        | 1        | \$1,819,257         | \$1,755,796         | \$1,116,512        |
| Priority List:      | 2        | 1            | 510      | 1        | 0        | 0        | \$3,398,867         | \$4,046,673         | \$236,891          |
| Priority List:      | 3        | 1            | 1,065    | 1        | 0        | 0        | \$1,835,047         | \$1,844,750         | \$1,292,580        |
| Priority List:      | 4        | 1            | 232      | 1        | 0        | 0        | \$2,192,418         | \$2,192,418         | \$1,377            |
| Priority List:      | 6        | 1            | 217      | 0        | 0        | 0        | \$5,019,900         | \$5,019,900         | \$0                |
| <b>Parish Total</b> | <b>6</b> | <b>2,469</b> | <b>5</b> | <b>2</b> | <b>1</b> | <b>0</b> | <b>\$14,265,489</b> | <b>\$14,859,537</b> | <b>\$2,647,360</b> |

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Parish

|                          | No. of<br>Projects | Acres        | CSA<br>Executed | Under<br>Const. | Completed | Projects<br>Deauth. | Baseline<br>Estimate | Current<br>Estimate | Expenditures<br>To Date |
|--------------------------|--------------------|--------------|-----------------|-----------------|-----------|---------------------|----------------------|---------------------|-------------------------|
| <b>Parish: LAFOURCHE</b> |                    |              |                 |                 |           |                     |                      |                     |                         |
| Priority List:           | 1                  | 2            | 175             | 1               | 0         | 1                   | \$8,393,548          | \$6,866,411         | \$575,254               |
| Priority List:           | 2                  | 1            | 469             | 0               | 0         | 0                   | \$4,854,102          | \$5,499,575         | \$659,142               |
| Priority List:           | 3                  | 1            | 1,013           | 0               | 0         | 0                   | \$2,046,971          | \$2,057,000         | \$1,462,638             |
| Priority List:           | 4                  | 2            | 952             | 0               | 0         | 0                   | \$8,171,080          | \$8,171,080         | \$62,407                |
| Priority List:           | 5                  | 1            | 1,609           | 0               | 0         | 0                   | \$5,135,468          | \$5,135,468         | \$1,062                 |
| <b>Parish Total</b>      | <b>7</b>           | <b>4,218</b> | <b>5</b>        | <b>1</b>        | <b>0</b>  | <b>1</b>            | <b>\$28,601,169</b>  | <b>\$27,729,534</b> | <b>\$2,760,503</b>      |

**Parish: ORLEANS**

|                     |          |              |          |          |          |          |                    |                    |                    |
|---------------------|----------|--------------|----------|----------|----------|----------|--------------------|--------------------|--------------------|
| Priority List:      | 1        | 1            | 1,550    | 1        | 1        | 0        | \$1,657,708        | \$1,598,612        | \$971,556          |
| Priority List:      | 2        | 1            | 1,281    | 1        | 1        | 0        | \$1,452,035        | \$1,700,121        | \$931,958          |
| Priority List:      | 5        | 1            | 199      | 0        | 0        | 0        | \$2,890,821        | \$2,890,821        | \$150,441          |
| <b>Parish Total</b> | <b>3</b> | <b>3,030</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>0</b> | <b>\$6,000,564</b> | <b>\$6,189,554</b> | <b>\$2,053,955</b> |

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

**Project Status Summary Report by Parish**

|                            | No. of<br>Projects | Acres         | CSA<br>Executed | Under<br>Const. | Completed | Projects<br>Deauth. | Baseline<br>Estimate | Current<br>Estimate | Expenditures<br>To Date |
|----------------------------|--------------------|---------------|-----------------|-----------------|-----------|---------------------|----------------------|---------------------|-------------------------|
| <b>Parish: PLAQUEMINES</b> |                    |               |                 |                 |           |                     |                      |                     |                         |
| Priority List:             | 1                  | 9,831         | 0               | 0               | 0         | 0                   | \$8,517,066          | \$13,347,100        | \$454,634               |
| Priority List:             | 2                  | 802           | 1               | 0               | 0         | 0                   | \$2,522,199          | \$2,634,353         | \$149,573               |
| Priority List:             | 3                  | 2,978         | 3               | 0               | 0         | 0                   | \$5,303,469          | \$6,663,798         | \$345,988               |
| Priority List:             | 4                  | 634           | 1               | 0               | 0         | 0                   | \$2,768,908          | \$2,843,908         | \$71,214                |
| Priority List:             | 5                  | 1,752         | 1               | 0               | 0         | 0                   | \$12,186,865         | \$12,186,865        | \$15,550                |
| Priority List:             | 6                  | 2,386         | 0               | 0               | 0         | 0                   | \$4,336,950          | \$4,336,950         | \$0                     |
| <b>Parish Total</b>        | <b>12</b>          | <b>18,383</b> | <b>6</b>        | <b>0</b>        | <b>0</b>  | <b>0</b>            | <b>\$35,635,457</b>  | <b>\$42,012,974</b> | <b>\$1,036,958</b>      |

**Parish: ST. BERNARD**

|                     |          |              |          |          |          |          |                    |                    |                  |
|---------------------|----------|--------------|----------|----------|----------|----------|--------------------|--------------------|------------------|
| Priority List:      | 3        | 1,002        | 2        | 0        | 0        | 0        | \$2,333,636        | \$2,385,340        | \$191,713        |
| <b>Parish Total</b> | <b>2</b> | <b>1,002</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>\$2,333,636</b> | <b>\$2,385,340</b> | <b>\$191,713</b> |

**Parish: ST. CHARLES**

|                     |          |            |          |          |          |          |                    |                    |                    |
|---------------------|----------|------------|----------|----------|----------|----------|--------------------|--------------------|--------------------|
| Priority List:      | 1        | 203        | 1        | 1        | 1        | 0        | \$4,461,301        | \$3,658,740        | \$3,350,397        |
| Priority List:      | 3        | 176        | 1        | 1        | 0        | 0        | \$1,444,628        | \$2,565,894        | \$1,078,619        |
| <b>Parish Total</b> | <b>2</b> | <b>379</b> | <b>2</b> | <b>2</b> | <b>1</b> | <b>0</b> | <b>\$5,905,929</b> | <b>\$6,224,634</b> | <b>\$4,429,016</b> |

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Parish

|                                     | No. of<br>Projects | Acres | CSA<br>Executed | Under<br>Const. | Completed | Projects<br>Deauth. | Baseline<br>Estimate | Current<br>Estimate | Expenditures<br>To Date |
|-------------------------------------|--------------------|-------|-----------------|-----------------|-----------|---------------------|----------------------|---------------------|-------------------------|
| <b>Parish: ST. JOHN THE BAPTIST</b> |                    |       |                 |                 |           |                     |                      |                     |                         |
| Priority List:                      | 3                  | 0     | 1               | 1               | 0         | 0                   | \$350,000            | \$480,500           | \$286,467               |
| Parish Total                        | 1                  | 0     | 1               | 1               | 0         | 0                   | \$350,000            | \$480,500           | \$286,467               |
| <b>Parish: ST. MARTIN</b>           |                    |       |                 |                 |           |                     |                      |                     |                         |
| Priority List:                      | 6                  | 1,999 | 0               | 0               | 0         | 0                   | \$3,317,400          | \$3,317,400         | \$0                     |
| Parish Total                        | 2                  | 1,999 | 0               | 0               | 0         | 0                   | \$3,317,400          | \$3,317,400         | \$0                     |
| <b>Parish: ST. MARY</b>             |                    |       |                 |                 |           |                     |                      |                     |                         |
| Priority List:                      | 2                  | 4,392 | 2               | 0               | 0         | 0                   | \$5,043,867          | \$7,409,858         | \$3,679,977             |
| Priority List:                      | 3                  | 2,223 | 1               | 0               | 0         | 0                   | \$5,173,062          | \$4,964,802         | \$58,256                |
| Priority List:                      | 6                  | 842   | 0               | 0               | 0         | 0                   | \$10,533,300         | \$10,533,300        | \$0                     |
| Parish Total                        | 5                  | 7,457 | 3               | 0               | 0         | 0                   | \$20,750,229         | \$22,907,960        | \$3,738,233             |
| <b>Parish: ST. TAMMANY</b>          |                    |       |                 |                 |           |                     |                      |                     |                         |
| Priority List:                      | 2                  | 1,040 | 1               | 0               | 0         | 0                   | \$3,048,389          | \$2,875,475         | \$114,313               |
| Priority List:                      | 4                  | 1,454 | 0               | 0               | 0         | 0                   | \$5,018,968          | \$5,018,968         | \$1,073                 |
| Parish Total                        | 2                  | 2,494 | 1               | 0               | 0         | 0                   | \$8,067,357          | \$7,894,443         | \$115,386               |

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Parish

|                           | No. of<br>Projects | Acres        | CSA<br>Executed | Under<br>Const. | Completed | Projects<br>Deauth. | Baseline<br>Estimate | Current<br>Estimate | Expenditures<br>To Date |
|---------------------------|--------------------|--------------|-----------------|-----------------|-----------|---------------------|----------------------|---------------------|-------------------------|
| <b>Parish: TERREBONNE</b> |                    |              |                 |                 |           |                     |                      |                     |                         |
| Priority List:            | 1                  | 4            | 232             | 2               | 2         | 1                   | \$8,557,357          | \$7,076,320         | \$684,844               |
| Priority List:            | 2                  | 2            | 485             | 1               | 1         | 0                   | \$7,977,486          | \$8,518,515         | \$1,141,427             |
| Priority List:            | 3                  | 3            | 2,045           | 0               | 0         | 0                   | \$13,711,384         | \$13,447,796        | \$3,078,174             |
| Priority List:            | 4                  | 1            | 0               | 0               | 0         | 0                   | \$367,066            | \$367,066           | \$1,073                 |
| Priority List:            | 5                  | 1            | 1               | 1               | 0         | 0                   | \$1,497,538          | \$2,063,398         | \$1,062                 |
| Priority List:            | 6                  | 2            | 1,774           | 0               | 0         | 0                   | \$11,967,200         | \$11,967,200        | \$0                     |
| <b>Parish Total</b>       | <b>13</b>          | <b>4,536</b> | <b>10</b>       | <b>4</b>        | <b>3</b>  | <b>1</b>            | <b>\$44,078,031</b>  | <b>\$43,440,295</b> | <b>\$4,906,579</b>      |

**Parish: VERMILION**

|                     |          |              |          |          |          |          |                     |                     |                    |
|---------------------|----------|--------------|----------|----------|----------|----------|---------------------|---------------------|--------------------|
| Priority List:      | 1        | 2            | 366      | 2        | 2        | 1        | \$1,717,003         | \$2,135,531         | \$1,760,100        |
| Priority List:      | 2        | 2            | 1,982    | 2        | 1        | 0        | \$3,778,727         | \$3,745,573         | \$1,791,945        |
| Priority List:      | 3        | 1            | 16       | 1        | 1        | 0        | \$126,062           | \$146,944           | \$17,748           |
| Priority List:      | 5        | 2            | 952      | 0        | 0        | 0        | \$4,938,984         | \$4,939,019         | \$2,123            |
| Priority List:      | 6        | 2            | 160      | 0        | 0        | 0        | \$2,867,700         | \$2,867,700         | \$0                |
| <b>Parish Total</b> | <b>9</b> | <b>3,476</b> | <b>7</b> | <b>5</b> | <b>4</b> | <b>1</b> | <b>\$13,428,476</b> | <b>\$13,834,767</b> | <b>\$3,571,916</b> |



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

**Project Status Summary Report by Parish**

| No. of<br>Projects        | Acres  | CSA<br>Executed | Under<br>Const. | Completed | Projects<br>Deauth. | Baseline<br>Estimate | Current<br>Estimate | Expenditures<br>To Date |
|---------------------------|--------|-----------------|-----------------|-----------|---------------------|----------------------|---------------------|-------------------------|
| 82                        | 67,854 | 59              | 24              | 17        | 3                   | \$230,200,907        | \$238,300,510       | \$32,899,185            |
| <b>Total All Parishes</b> |        |                 |                 |           |                     |                      |                     |                         |

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

09-Jul-97

## Project Summary Report by Priority List

| P/L                        | No. of Projects | Acres  | CSA Executed | Under Const. | Const. Completed | Federal.               |                        | Non/Fed                |                   | Current Estimate | Obligations To Date | Expenditures To Date |
|----------------------------|-----------------|--------|--------------|--------------|------------------|------------------------|------------------------|------------------------|-------------------|------------------|---------------------|----------------------|
|                            |                 |        |              |              |                  | Const. Funds Available | Const. Funds Available | Const. Funds Available | Baseline Estimate |                  |                     |                      |
| 1                          | 14              | 18,864 | 13           | 2            | 10               | \$28,084,900           | \$10,517,773           | \$39,933,317           | \$40,611,481      | \$16,844,503     | \$11,365,106        |                      |
| 2                          | 15              | 13,971 | 15           | 1            | 5                | \$28,173,110           | \$10,161,033           | \$40,644,134           | \$47,112,904      | \$21,143,323     | \$12,995,281        |                      |
| 3                          | 17              | 14,073 | 16           | 2            | 1                | \$29,939,100           | \$10,156,410           | \$40,625,639           | \$42,878,278      | \$10,543,345     | \$7,833,996         |                      |
| 4                          | 10              | 4,475  | 6            | 0            | 0                | \$29,957,533           | \$5,000,000            | \$21,412,242           | \$21,497,242      | \$5,449,186      | \$146,054           |                      |
| 5                          | 9               | 5,187  | 6            | 1            | 0                | \$33,371,625           | \$5,000,000            | \$40,449,676           | \$41,015,571      | \$7,211,331      | \$359,456           |                      |
| 6                          | 13              | 10,972 | 0            | 0            | 0                | \$39,134,000           | \$10,000,000           | \$44,759,250           | \$44,759,256      | \$0              | \$0                 |                      |
| Active Projects            | 78              | 67,542 | 56           | 6            | 16               | \$188,660,268          | \$50,835,216           | \$227,824,258          | \$237,874,732     | \$61,191,688     | \$52,699,894        |                      |
| Authorized projects        | 3               | 312    | 2            | 0            | 1                |                        |                        | \$2,137,778            | \$186,907         | \$186,073        | \$186,073           |                      |
| Total Projects             | 81              | 67,854 | 58           | 6            | 17               | \$188,660,268          | \$50,894,934           | \$229,962,036          | \$238,061,639     | \$61,377,761     | \$32,885,966        |                      |
| Observation                | 1               | 0      | 1            | 1            | 0                | \$0                    | \$59,718               | \$238,871              | \$238,871         | \$179,153        | \$13,219            |                      |
| Total Construction Program | 82              | 67,854 | 59           | 7            | 17               | \$188,660,268          | \$50,894,934           | \$230,200,907          | \$238,300,510     | \$61,556,914     | \$32,899,185        |                      |
|                            |                 |        |              |              |                  |                        | \$239,555,202          |                        |                   |                  |                     |                      |

- NOTES: 1. Total of 82 projects includes 78 active construction projects, 3 deauthorized projects, and the State of Louisiana's Wetlands Conservation Plan.  
2. The current estimate for deauthorized projects is equal to expenditures to date.  
3. Current Estimate for the 5th priority list includes authorized funds for FY 96 and FY 97 for phased projects with multi-year funding. These projects will require an additional \$20.5 million from future lists if implemented.  
4. Obligations include expenditures and remaining obligations to date.  
5. Total construction program funds available is \$239,555,202.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

**REPORT ON ESTIMATED CONSTRUCTION FUNDS AVAILABLE FOR THE 7TH  
PRIORITY PROJECT LIST**

**For Information.**

Mr. Tom Podany will report to the Task Force on the estimated amount of funds available for the 7th Priority Project List.

21 July 1997

Forecast of Funding Available for PPL 7

|   |                |
|---|----------------|
| New (FY1998) Funds <sup>1</sup>                     | \$40.5M        |
| Less Planning Budget                                | \$ 5.0M        |
| Plus State Match (assume 15%) <sup>2</sup>          | \$ 5.3M        |
| Less Phased Funding of PPL 5 and 6 Projects         | \$36.7M        |
| Plus Likely Funds from Deauthorization <sup>3</sup> | <u>\$ 5.0M</u> |
|   | \$ 9.1M        |

*directive*  
Col-1 prepare a robust ~~list~~ suite of 7<sup>th</sup> List Proje

<sup>1</sup> Assumes total funding of \$40.5M and notification from Dept. of Interior by 20 Nov 97.

<sup>2</sup> Assumes approval of Conservation Plan this calendar year.

<sup>3</sup> Assumes deauthorization of the Eden Isles Project.

Total Construction Funds Available from CWPPRA

| Priority List | Federal Const. Funds Available | Non-Fed. Const Funds Available | Total        |
|---------------|--------------------------------|--------------------------------|--------------|
| 1             | \$28,084,900                   | \$10,517,773                   | \$38,602,673 |
| 2             | \$28,173,110                   | \$10,161,033                   | \$38,334,143 |
| 3             | \$29,939,100                   | \$10,156,410                   | \$40,095,510 |
| 4             | \$29,957,533                   | \$5,000,000                    | \$34,957,533 |
| 5             | \$33,371,625                   | \$5,000,000                    | \$38,371,625 |
| 6             | \$39,134,000                   | \$10,000,000                   | \$49,134,000 |

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

**APPROVAL FOR CONSTRUCTION OF THE BROWN LAKE HYDROLOGIC RESTORATION (CS-09), COTE BLANCHE HYDROLOGIC RESTORATION (TV-04), HIGHWAY 384 HYDROLOGIC RESTORATION (CS-21), AND PERRY RIDGE SHORELINE PROTECTION (PCS-26) PROJECTS.**

**For Task Force Decision.**

Mr. Schroeder will present the four projects to the Task Force with the Technical Committee's recommendation for approval for construction. Two of the projects, Brown Lake Hydrologic Restoration and Perry Ridge Shoreline Protection have not received permits or section 303(e) clearance from the Corps of Engineers nor water quality certification from the Louisiana Department of Environmental Quality. Letters from the lead agency, the NRCS, requesting Task Force approval are enclosed.

**Recommendation of the Technical Committee:**

That the Task Force approve for construction the Brown Lake Hydrologic Restoration (CS-09) project at a fully funded cost of \$3,200,800, the Cote Blanche Hydrologic Restoration (TV-04) project at a fully funded cost of \$5,947,900, the Highway 384 Hydrologic Restoration (CS-21) project at a fully funded cost of \$740,000, and the Perry Ridge Shoreline Protection (PCS-26) project at a fully funded cost of \$2,223,500. The Technical Committee's recommendation for approval for construction of the Brown Lake Hydrologic Restoration and Perry Ridge Shoreline Protection projects is contingent on receiving all required permits, clearances, and certifications for both of the projects.



United States  
Department of  
Agriculture

Natural Resources  
Conservation Service

3737 Government Street  
Alexandria, Louisiana  
71302

July 16, 1997

Mr. Tom Podany  
Chairman  
CWPPRA Planning and Evaluation Subcommittee  
U.S. Army Corps of Engineers  
P.O. Box 60267  
New Orleans, Louisiana 70160-0267

Dear Mr. Podany:

RE: Approval for Construction of Perry Ridge Shoreline Protection Project (PCS-26)

The USDA Natural Resources Conservation Service hereby requests approval by the Louisiana Coastal Wetlands Planning, Protection, and Restoration Task Force for construction of the Perry Ridge Shoreline Protection (PCS-26) Project. The project consists of constructing a rock dike on the critically eroding areas within a 4.25 mile reach of the GIWW, between Perry Ridge and the Vinton Drainage Canal. The project was approved by the Task Force as part of the 4th Priority Project List. The current construction cost estimate is \$1,809,100. This figure, combined with \$277,300 for engineering and design, landrights, and supervision and administration, \$67,800 for monitoring, and \$69,300 for operations and maintenance, totals \$2,223,500 in fully-funded costs over the 20 year life of the project.

The National Environmental Policy Act compliance for this project has been accomplished. A Finding of No Significant Impact was published in the Federal Register on December 3, 1996. The U.S. Army Corps of Engineers is currently processing the permit application for this project. The Real Estate Division of the Corps is currently processing the 303(e) clearance for the project.

The Louisiana Department of Natural Resources (DNR) Coastal Management Division issued a consistency determination dated May 29, 1997. The cost-sharing agreement between the state of Louisiana and the Natural Resources Conservation Service was signed on July 1, 1997. The water quality certification is presently being processed by the Department of Environmental Quality.

Overgrazing in the project area is not a problem.

Mr. Tom Podany

Page 2


July 16, 1997

Our agency procedures do not call for an HRTW assessment on this project.

Therefore, we request that the Task Force approve the expenditure of construction funds for this project contingent upon the issuance of the necessary permits and certifications.

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

Sincerely,



*Billy R. Moore*  
Acting For

Donald W. Gohmert  
State Conservationist

cc: Bruce Lehto, Assistant State Conservationist/Water Resources, NRCS, Alexandria  
W. Britt Paul, Water Resources Planning Staff Leader, NRCS, Alexandria  
Randolph Joseph, Area Conservationist, NRCS, Lafayette, LA  
Billy R. Moore, Assistant State Conservationist/Programs, NRCS, Alexandria





United States  
Department of  
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3737 Government Street  
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July 16, 1997

Mr. Tom Podany  
Chairman  
CWPPRA Planning and Evaluation Subcommittee  
U.S. Army Corps of Engineers  
P.O. Box 60267  
New Orleans, Louisiana 70160-0267

Dear Mr. Podany:

RE: Approval for Construction of Highway 384 Hydrologic Restoration Project (CS-21)

The USDA Natural Resources Conservation Service hereby requests approval by the Louisiana Coastal Wetlands Planning, Protection, and Restoration Task Force for construction of the Highway 384 (CS-21) Project. The project consists of installing two water control structures, two plugs, and one channel liner, and maintaining an existing levee and culvert. The project was approved by the Task Force as part of the 2nd Priority Project List. The current construction cost estimate is \$238,000. This figure, combined with the \$118,000 for engineering and design, landrights, and supervision and administration, \$234,000 for monitoring, and \$150,000 for operations and maintenance, totals \$740,000 in fully-funded costs over the 20 year life of the project. This cost estimate is within the total amount authorized by the Task Force.

The National Environmental Policy Act compliance for this project has been accomplished. A Finding of No Significant Impact was published in the Federal Register on August 20, 1996. The U.S. Army Corps of Engineers issued a permit for this project on March 14, 1997. The Real Estate Division of the Corps has issued 303(e) clearance for the project.

Cultural resources clearance was provided in a letter dated November 6, 1995, from the State Historic Preservation Officer. The Louisiana Department of Natural Resources (DNR) Coastal Management Division issued a consistency determination dated September 16, 1996. The cost-sharing agreement between the state of Louisiana and the Natural Resources Conservation Service was signed on October 13, 1994. A water quality certification was issued by the Department of Environmental Quality on November 19, 1996.

Overgrazing in the project area is not a problem.

Mr. Tom Podany

Page 2

July 16, 1997

Our agency procedures do not call for an HRTW assessment on this project.

Therefore, we request that the Task Force approve the expenditure of construction funds for this project.

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Billy R. Moore". Below the signature, the words "Acting For" are printed in a small, sans-serif font.

Donald W. Gohmert  
State Conservationist

cc: **Bruce Lehto, Assistant State Conservationist/Water Resources, NRCS, Alexandria**  
**W. Britt Paul, Water Resources Planning Staff Leader, NRCS, Alexandria**  
**Randolph Joseph, Area Conservationist, NRCS, Lafayette, LA**  
**Billy R. Moore, Assistant State Conservationist/Programs, NRCS, Alexandria**



United States  
Department of  
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3737 Government Street  
Alexandria, Louisiana  
71302

July 16, 1997

Mr. Tom Podany  
Chairman  
CWPPRA Planning and Evaluation Subcommittee  
U.S. Army Corps of Engineers  
P.O. Box 60267  
New Orleans, Louisiana 70160-0267

Dear Mr. Podany:

RE: Approval for Construction of Cote Blanche Hydrologic Restoration (TV-04)

The USDA Natural Resources Conservation Service hereby requests approval by the Louisiana Coastal Wetlands Planning, Protection, and Restoration Task Force for construction of the Cote Blanche (TV-04) Project. The project consists of 10,000 linear feet of foreshore dike and seven low level weirs. The project was approved by the Task Force as part of the 3rd Priority Project List. The current construction cost estimate is \$4,196,600. This figure, combined with the \$530,500 for engineering and design, landrights, and supervision and administration, \$834,000 for monitoring, and \$386,800 for operations and maintenance, totals \$5,947,900 in fully-funded costs over the 20 year life of the project. This cost is within the total amount authorized by the Task Force.

The National Environmental Policy Act compliance for this project has been accomplished. A Finding of No Significant Impact was published in the Federal Register on August 24, 1995. The U.S. Army Corps of Engineers issued a permit for this project on September 15, 1995. The Real Estate Division of the Corps issued 303(e) clearance for the project on February 6, 1997.

Cultural resources clearance was provided in a letter dated May 12, 1995, from the State Historic Preservation Officer. The Louisiana Department of Natural Resources (DNR) Coastal Management Division issued a consistency determination dated May 3, 1995. The cost-sharing agreement between the state of Louisiana and the Natural Resources Conservation Service was signed on July 1, 1996. A water quality certification was issued by the Department of Environmental Quality on July 18, 1995.

Overgrazing in the project area is not a problem.

Mr. Tom Podany  
Page 2  
July 16, 1997

Our agency procedures do not call for an HRTW assessment on this project.

Therefore, we request that the Task Force approve the expenditure of construction funds for this project.

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Billy R. Moore".

Acting For

Donald W. Gohmert  
State Conservationist

cc: Bruce Lehto, Assistant State Conservationist/Water Resources, NRCS, Alexandria  
W. Britt Paul, Water Resources Planning Staff Leader, NRCS, Alexandria  
Randolph Joseph, Area Conservationist, NRCS, Lafayette, LA  
Billy R. Moore, Assistant State Conservationist/Programs, NRCS, Alexandria



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July 16, 1997

Mr. Tom Podany  
Chairman  
CWPPRA Planning and Evaluation Subcommittee  
U.S. Army Corps of Engineers  
P.O. Box 60267  
New Orleans, Louisiana 70160-0267

Dear Mr. Podany:

RE: Approval for Construction of Brown Lake Hydrologic Restoration Project (CS-09)

The USDA Natural Resources Conservation Service hereby requests approval by the Louisiana Coastal Wetlands Planning, Protection, and Restoration Task Force for construction of the Brown Lake Hydrologic Restoration (CS-09) Project. The project components include constructing and/or rehabilitating approximately 32,000 linear feet of boundary levee; vegetative plantings along levees and shorelines; one water control structure (conduits) with variable crest inlets with vertical slots and flap gates; one sheet pile water control structure with variable crest weir and flap gate; one freshwater introduction structure (conduits) with sluice and flap gates; and earthen terraces. The project was approved by the Task Force as part of the 2nd Priority Project List. The construction cost estimate is \$1,714,400. This figure, combined with the \$224,700 engineering and design, landrights, and supervision and administration, \$838,700 for monitoring, and \$445,000 for operations and maintenance, totals \$3,222,800 in fully-funded costs over the 20 year life of the project.

The National Environmental Policy Act compliance for this project has been accomplished. A Finding of No Significant Impact was published in the Federal Register on March 21, 1997. The U.S. Army Corps of Engineers is currently processing the permit application for this project. The Real Estate Division of the Corps is currently processing the 303(e) clearance for the project.

The Louisiana Department of Natural Resources (DNR) Coastal Management Division issued a consistency determination dated April 4, 1997. The cost-sharing agreement between the state of Louisiana and the Natural Resources Conservation Service was signed on March 28, 1994. The Department of Environmental Quality is presently processing a Water Quality Certification.

Overgrazing in the project area is not a problem.

Mr. Tom Podany

Page 2

July 16, 1997

Our agency procedures do not call for an HRTW assessment on this project.

Therefore, we request that the Task Force approve the expenditure of construction funds for this project contingent on the issuance of the necessary permits and certifications.

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

Sincerely,



Acting For

Donald W. Gohmert  
State Conservationist

cc: Bruce Lehto, Assistant State Conservationist/Water Resources, NRCS, Alexandria  
Billy R. Moore, Assistant State Conservationist/Programs, NRCS, Alexandria  
Randolph Joseph, Area Conservationist, NRCS, Lafayette, LA  
Britt Paul, Water Resource Planning Staff Leader, NRCS, Alexandria, LA

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

**APPROVAL OF MONITORING PLANS FOR PERRY RIDGE (CS-24) AND THE  
BENEFICIAL USE OF HOPPER DREDGE MATERIAL (MR-08)**

**For Task Force Decision.**

Mr. Schroeder will present monitoring plans for the two projects to the Task Force with the Technical Committee's recommendation for approval. Final monitoring plans for both projects are enclosed.

**Recommendation of the Technical Committee:**

That the Task Force approve monitoring plans for the Perry Ridge (CS-24) and the Beneficial Use of Hopper Dredge Material (MR-08) projects.

# State of Louisiana



M.J. "MIKE" FOSTER, JR.  
GOVERNOR

JACK C. CALDWELL  
SECRETARY

## DEPARTMENT OF NATURAL RESOURCES

June 4, 1997

### MEMORANDUM

**TO:** Planning and Evaluation Subcommittee and Monitoring Work Group

**FROM:** Greg Steyer, Chairman, Technical Advisory Group

**SUBJECT:** Final Monitoring Plan for Perry Ridge Shoreline Protection (CS-24)

Attached is the final monitoring plan for Perry Ridge Shoreline Protection (CS-24) developed by the Technical Advisory Group (TAG). Any comments or changes regarding this plan must be received by my office no later than June 20, 1997.

/GS

#### Attachment

**cc:** TAG (GS) file  
CS-24 Monitoring File  
CS-24 Project File  
Jimmy Johnston, NWRC  
Stacey Nelson, SUNO  
Britt Paul, NRCS  
Carrol Clark  
Kirk Rhinehart  
Ralph Libersat  
Mel Guidry  
Dexter Sapp, NRCS  
✓Tom Podany, USACE

Jeanene Peckham, EPA  
Teresa McTigue, NMFS  
Paul Yakupzack, USFWS  
Marty Floyd, NRCS  
Ronnie Paille, USFWS  
Rick Hartman, NMFS  
Scott Clark, USACE  
Nabendu Pal, USL  
Andy Nyman, USL  
Denise Reed, LUMCON  
Robert Greco, NWRC  
Chad Courville

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Draft

## MONITORING PLAN

### CS-24: Perry Ridge Shore Protection

May 28, 1997

#### Project Description

The Perry Ridge Shore Protection (CS-24) project provides features to protect 1,203 acres of vegetated shoreline along the Gulf Intracoastal Waterway (GIWW) which in turn will benefit 5,945 acres of predominately intermediate marsh located north of the shoreline. The project is on the north bank of the GIWW from Perry Ridge to the Vinton Drainage Canal in Calcasieu Parish, Louisiana (figure 1). Of the 5,945 acres, 2,675 acres are shallow open water and 3,270 acres are emergent marsh. The project area is bounded on the north by an arbitrary line connecting the northern tip of Big Island and the Gray Canal, on the south by the GIWW, on the east by the Vinton Drainage Canal and the Gray Canal, and on the west by Perry Ridge and Big Island.

The dominant plant species present on most of the high ridges along the shoreline are *Ilex vomitoria* Ait. (yaupon holly), *Celtis laevigata* Willd. (hackberry tree), *Sapium sebiferum* (L.) Roxb. (Chinese tallow tree), and *Myrica cerifera* L. (wax myrtle). *Pinus echinata* Alber E. Radford, Harry E. Ahles, and C. Ritchie Bell (short-leaf pine tree) dominates the only pine ridge present in the project area. These ridges are characterized by high cutbanks ranging approximately 2 to 30 feet. *Eleocharis sp.* (spike rush), *Solidago sempervirens* (L. Var. Mexicana (L.) Fern. (seaside goldenrod), *Phragmites australis* (Cav.) Trin. Ex Steud. (Roseau cane), *Scirpus californicus* (C. Meyer) Steud. (California bulrush), *Spartina patens* (Ait.) Muhl. (marshay cordgrass), and *Juncus roemerianus* Scheele. (black needle rush) dominate the areas along the shoreline that are breached or very near being breached.

The dominant soil types in the project area are Gentilly and Clovelly mucks comprising 90% and 10% of the project area respectively. Both soil types consist of continually flooded, very poorly drained, very slowly permeable mineral soils in brackish coastal marshes (U.S. Department of Agriculture, Soil Conservation Service [USDA/SCS] 1988). These types of soil are very susceptible to removal through tidal scour and high energy surges.

Marsh loss in the vicinity of Perry Ridge has been caused by water level fluctuations and tidal scour from the GIWW as the result of breaches in the northern spoil bank (U.S. Department of Agriculture, Natural Resources Conservation Service [USDA/NRCS] 1996). The shoreline erosion rate of the north bank of the GIWW in the vicinity of the project area is 10 ft/yr, based on aerial photography (USDA/SCS 1992). Several factors contribute to the loss of shoreline in this area. Double-wide barges allowed in this section of the GIWW increase erosion rates due to high wave energy. The GIWW in the vicinity is 30 feet deep which allows higher salinities to reach the Perry Ridge area. The construction of the Calcasieu Ship Channel, deepening of Sabine Pass, the

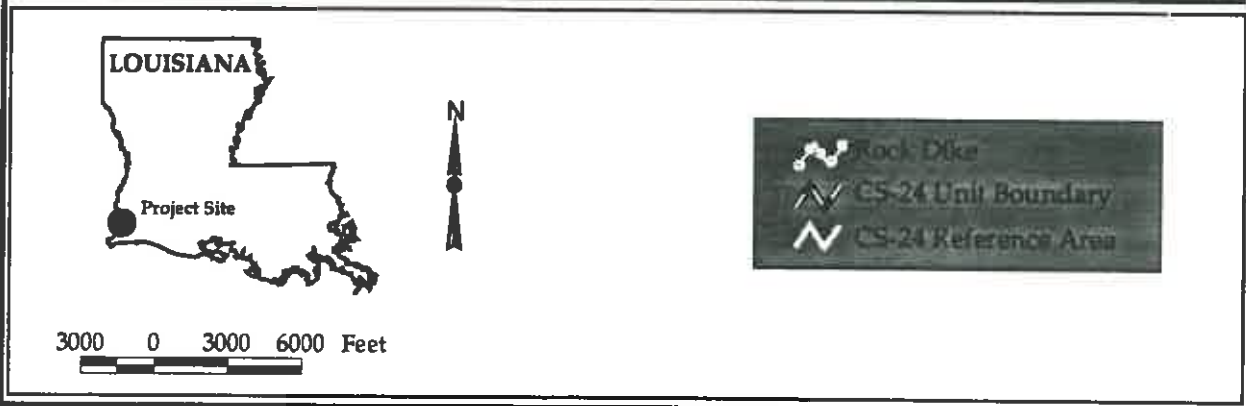
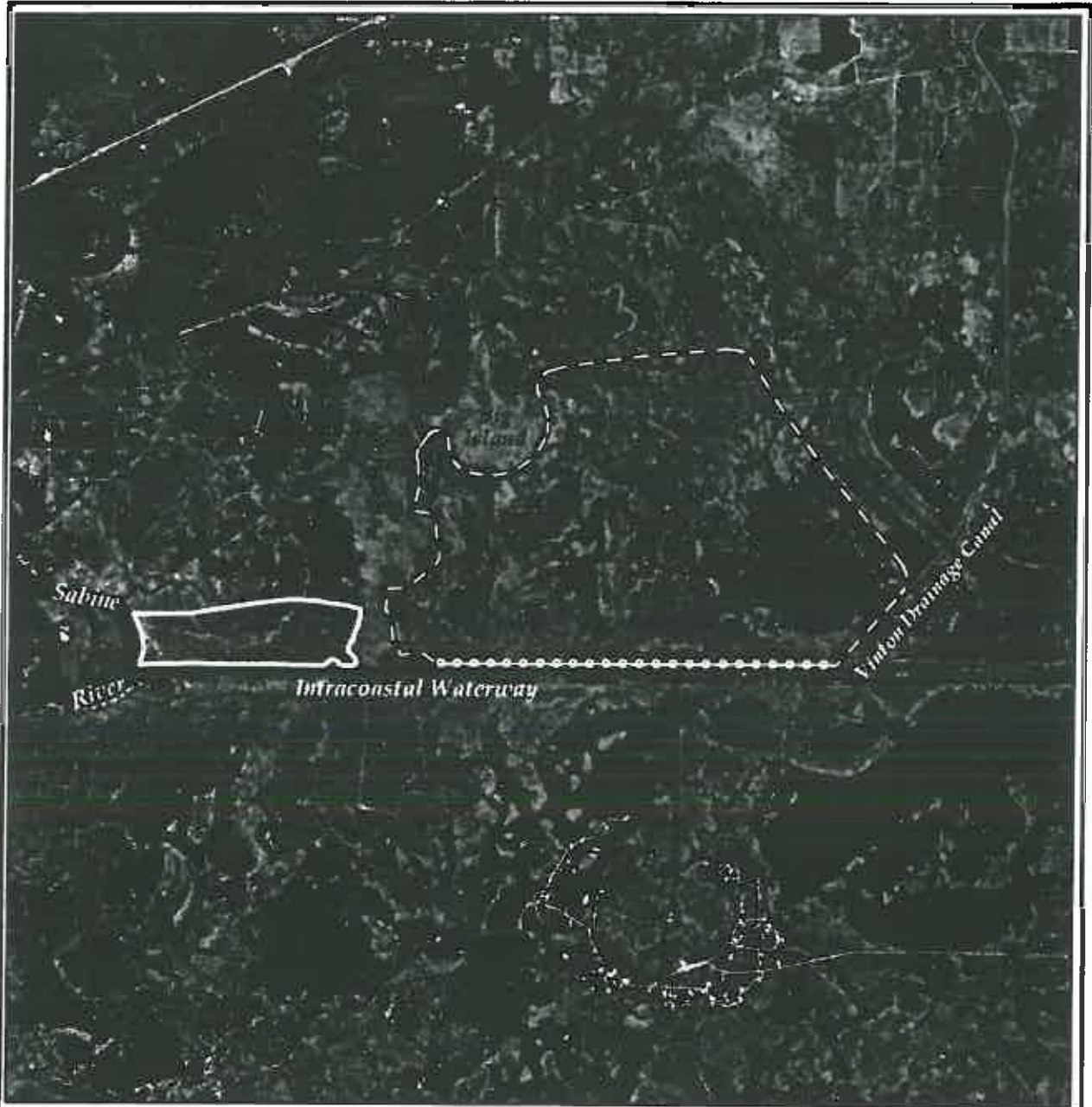


Figure 1. Perry Ridge Shoreline Protection (CS/24) project showing boundary, rock dike location, and reference area.

construction of the Sabine-Neches waterway, and the removal of the bar at the mouth of the Calcasieu River have all increased water current. The construction of the GIWW has shifted the project area from essentially non-tidal to tidally influenced. Historically, the project area consisted of freshwater wetlands (USDA/NRCS 1996). Chabreck classified this area as an intermediate marsh in 1968, 1978, and 1988 (Chabreck and Lindscombe, 1978).

Project Features

To prevent further wetland loss through bank erosion and subsequent tidal scour of shoreline marshes, approximately 12,000 linear ft of free-standing rock dike will be constructed along the north bank of the GIWW from Perry Ridge to the Vinton Drainage Canal (figure 1). In addition to shoreline protection, the rock dike should reduce the amount of salinity spikes reaching the marsh by maintaining a pool of freshwater behind the rocks.

The proposed action requires the placement of rip-rap along the northern shoreline of the GIWW where deemed necessary. The rock dike, along with the existing high cut-banks, would stabilize approximately 4.25 miles of the GIWW bank by breaking navigation-induced waves that are presently eroding this shoreline. The construction consists of the placement of rock armor parallel to the existing bank, approximately 60 feet from the bank. The settled height of the rip-rap will be four-feet National Geodetic Vertical Datum (NGVD). Where flotation is required, the dredged material excavated from the flotation channel will be placed on the land side of the rip-rap (USDA/NRCS 1996).

Plan Objectives:

- 1) Protect the existing emergent wetlands along the north bank of the GIWW and prevent their further deterioration from shoreline erosion and tidal scour.
- 2) Prevent the widening of the GIWW into the project area wetlands.
- 3) Reduce the occurrence of salinity spikes within the project area.

Measure effectiveness  
with data from  
monitoring element #:

Specific Goal:

1, 2

- 1) Decrease the rate of shoreline erosion along the north bank of the GIWW using a rock dike.



## Reference Area

In order to evaluate project effectiveness over time, a reference area will be monitored concurrently with the shoreline protected by the dike. Data collected will be used to make statistically valid comparisons of the shoreline erosion rate with and without the project. The main criteria for selecting a reference area are similarities in vegetative community, soil type, and hydrology. An additional criterion in this project is the amount and type of boat traffic on the channel.

The only area with similar features to the project area is directly west of Perry Ridge. The other areas that could be considered for a reference area along the GIWW do not have the same soil type and shoreline characteristics. The reference area starts on the western boundary of Perry Ridge, along the GIWW, to the Sabine River. This area is subject to the same amount of boat traffic, similar vegetation and soil content, and a similar open water to vegetated marsh ratio as the project area.

## Monitoring Plan Limitations

The Perry Ridge project was classified as a shoreline protection project. However, throughout the environmental assessment and other support documentation, it states that the project is expected to moderate the effect that periodic salinity spikes in the GIWW have on interior marshes. This type of language would indicate that this project should have been classified as a Hydrologic Restoration project, and that salinity should be measured.

Salinity measurements were recommended by the Technical Advisory Group. However, the funds available for this shoreline protection project are insufficient to allow comparison of water salinity and its effects on vegetation between the project and reference areas. If funds should become available to monitor water salinity, data need only be collected until one year after the next significant drought. This is because these marshes suffer from salinity spikes (acute periods of saltwater intrusion during low rainfall periods) in the GIWW rather than from chronic saltwater intrusion in the GIWW (J.A. Nyman, personal communication; USDA/NRCS 1996). For instance, drought conditions during the summer of 1996 resulted in salinity spikes in the GIWW that caused significant dieback of freshwater species such as *Sagittaria lancifolia* L. (bulltongue) in the project area interior, but did not kill brackish species such as *S. patens* that are adjacent to the GIWW (J.A. Nyman, personal communication).

## Monitoring Elements

- 1) Aerial photography- To document shoreline position, and land and water areas along the GIWW in both the project and reference areas, near-vertical, color-infrared aerial photography (1:12,000 scale, with ground controls) will be obtained once prior to construction, and at years 5 and 15  $\pm$  3

draft

years. The photography will be georectified by National Wetlands Research Center (NWRC) personnel using standard operating procedures described in Steyer et al. (1995). Detailed photointerpretation, mapping, and Geographical Information System (GIS) interpretations are not currently planned on the C/S-24 aerial photography. (See item no. 4 in the Notes section.)

- 2) **Shoreline surveys-** To document changes in shoreline position along the GIWW, shoreline makers will be placed at points along the vegetated marsh edge adjacent to the rock breakwater consisting of twelve transects divided by shoreline type in the project and reference areas (minimum of 3 but not to exceed 1 per 1,000 ft). On each survey transect, a PVC pole will be installed to mark the vegetated edge of the bank (VEB), and a post will be installed at the end point in the marsh or on the spoil bank to establish a hub for use in relocating each transect. Shoreline position relative to the shoreline markers along the survey transects will be documented at the same time of the year, once preconstruction, and 3 times postconstruction for years 5, 11, and 15,  $\pm 3$  years, during the same year as, but prior to taking the color-infrared aerial photographs. Shoreline positions will be compared to historical data sets available in digitized format for 1956, 1978, 1988, and for any subsequent years that become available during the life of the project.

#### Anticipated Statistical Analyses and Hypotheses

The following paragraphs describe the statistical tests that will be used to analyze data collected for monitoring element no. 2 of this monitoring plan to evaluate the accomplishment of the project goal, and the hypotheses that will be used in the evaluations.

- 1) **Shoreline Erosion.** Descriptive and summary statistics, analysis of variance (ANOVA), and suitable hypothesis testing will be used to compare measured rates (in ft/yr) of shoreline movement along the GIWW adjacent to the project and reference areas between successive years. In addition, GIS interpretations of the pre- and postconstruction aerial photography taken on the Perry Ridge Shore Protection (C/S-24) project, and of historical data sets available in digitized format for 1956, 1978, 1988, and any subsequent years that become available, will be used for statistical analysis of the long-term movement of the project area shoreline along the GIWW. When the  $H_0$  is not rejected, the possibility of negative effects will be examined. Two sets of hypotheses will be tested to determine if the following project goal has been met.



**Goal:** Decrease the shoreline retreat rate along the north bank of the GIWW adjacent to the project area.

**Hypotheses <sup>1</sup>:**  $H_0:$   $SR_{proj}^{(i)} \geq SR_{ref}^{(i)}$   $i = 1, 2, 3, \dots 20.$

$H_a:$   $SR_{proj}^{(i)} < SR_{ref}^{(i)}$

**where:**  $SR_{proj}^{(i)}$  = shoreline retreat rate along the project area at time point i.  
 $SR_{ref}^{(i)}$  = shoreline retreat rate along the reference area at time point i.

$H_0:$  The shoreline retreat rate along the project area at time point i **WILL NOT** be significantly less than the shoreline retreat rate along the reference area at time point i.

$H_a:$  The shoreline retreat rate along the project area at time point i **WILL** be significantly less than the shoreline retreat rate along the reference area at time point i.

**Hypotheses <sup>2</sup>:**  $H_0:$   $SR_{proj}^{(i)} \geq SR_{proj}^{(i-1)}$   $i = 1, 2, 3, \dots 20.$

$H_a:$   $SR_{proj}^{(i)} < SR_{proj}^{(i-1)}$

**where:**  $SR_{proj}^{(0)} = SR_{pre}$  = shoreline retreat rate along the project area preconstruction, which is approximately 10 ft/yr.

$SR_{proj}^{(i)}$  = shoreline retreat rate along the project area at time point i.

$SR_{proj}^{(i-1)}$  = shoreline retreat rate along the project area at time point i-1.

$H_0:$  Shoreline retreat rate along the project area at time point i **WILL NOT** be significantly less than the shoreline retreat rate along the project area in previous years.

$H_a:$  Shoreline retreat rate along the project area at time point i **WILL** be significantly less than the shoreline retreat rate along the project area in previous years.

**Notes**

- 1) Implementation schedule (tentative):  
Start construction  
End construction

November 1, 1997  
April 1, 1998

- |                            |                |                |
|----------------------------|----------------|----------------|
| 2) NRGSP Point of Contact: | Dexter Sapp    | (318) 473-7688 |
| 3) LDNR Project Manager:   | Mel Guidry     | (318) 893-3643 |
| LDNR Monitoring Manager:   | Chad Courville | (318) 893-3643 |
| LDNR DAS Assistant:        | Kirk Rhinehart | (504) 342-2179 |

4) The marsh to open water ratio in the project area will be evaluated by NWRC personnel using GIS interpretations of the pre- and postconstruction aerial photography taken (at 1:24,000 scale) for the Perry Ridge Shore Protection (C/S-24) project area. GIS interpretations of these data sets, and of historical data sets available in digitized format for 1956, 1978, 1988, and for any subsequent years that become available during the life of this project, will be used in the analysis to document changes in the marsh to open water ratio within the C/S-24 project area.

### References

- Chabreck, R.H., and G. Linscombe 1978 and 1988. Vegetation type map of the Louisiana coastal marshes. Louisiana Department of Wildlife and Fisheries, New Orleans. Scale 1:62,500.
- Chabreck, R.H., T. Joanen, and A.W. Palmisano 1968. Vegetation type map of the Louisiana coastal marshes. Louisiana Department of Wildlife and Fisheries, New Orleans. Scale 1:62,500.
- Steyer, G. D., R. C. Raynie, D. L. Steller, D. Fuller, and E Swenson 1995. Quality management plan for Coastal Wetlands Planning, Protection, and Restoration Act monitoring plan. Open-file series 95-01. Baton Rouge: Louisiana Department of Natural Resources, Coastal Restoration Division.
- U.S. Department of Agriculture, Soil Conservation Service 1988. Soil Survey of Calcasieu Parish, Louisiana. Publication No. 1988 0 - 493-544. Washington, D.C.:U.S. Government Printing Office. 161 pp, 86 maps. Scale 1:20,000.
- U.S. Department of Agriculture, Soil Conservation Service 1992. Wetland Value Assessment, Alexandria, LA.: Soil Conservation Service. 3 pp.
- U.S. Department of Agriculture, Natural Resources Conservation Service 1996. Environmental Assessment, USDA-NRCS, Calcasieu Parish, Louisiana. 18 +pp.

# State of Louisiana



M.J. "MIKE" FOSTER, JR.  
GOVERNOR

JACK C. CALDWELL  
SECRETARY

## DEPARTMENT OF NATURAL RESOURCES

June 26, 1997

### MEMORANDUM

TO: Tom Podany, Chairman, Planning and Evaluation Subcommittee

FROM: *MS* Greg Steyer, Chairman, Technical Advisory Group *TS*

SUBJECT: Final Monitoring Plan for Beneficial Use of Hopper Dredged Material (MR-08)

Attached please find the final monitoring plan for Beneficial Use of Hopper Dredged Material (MR-08) as approved by the Technical Advisory Group (TAG) and the Monitoring Work Group (MWG). This plan specifically addresses the project goals and objectives and will generate information to determine to what degree they are achieved.

Please review this plan and provide a recommendation to the Technical Committee for its approval. If you have any questions regarding the monitoring plan, please give me a call at (504) 342-9435 or call Jimmy Johnston at (318) 266-8556.

/GS

Attachment

cc: TAG (GS) file  
MR-08 Monitoring File  
MR-08 Project File  
Jimmy Johnston, NWRC  
Whitney Autin, LSU  
Britt Paul, NRCS  
Carrol Clark  
Darin Lee  
Shannon Holbrook  
Rachel Sweeney  
Bill Hicks, USACE  
Bill Klein, USACE  
Gerry Duszynski

Jeanene Peckham, EPA  
Teresa McTigue, NMFS  
Paul Yakupzack, USFWS  
Marty Floyd, NRCS  
Ronnie Paille, USFWS  
Rick Hartman, NMFS  
Scott Clark, USACE  
Nabendu Pal, USL  
Andy Nyman, USL  
Denise Reed, LUMCON  
Robert Greco, NWRC  
John Troutman

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## MONITORING PLAN

### BENEFICIAL USE OF HOPPER DREDGED MATERIAL DEMONSTRATION PROJECT MR-08 (XMR-12)

DATE: JUNE 26, 1997

#### Project Description

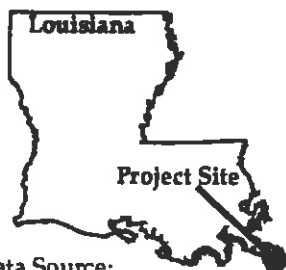
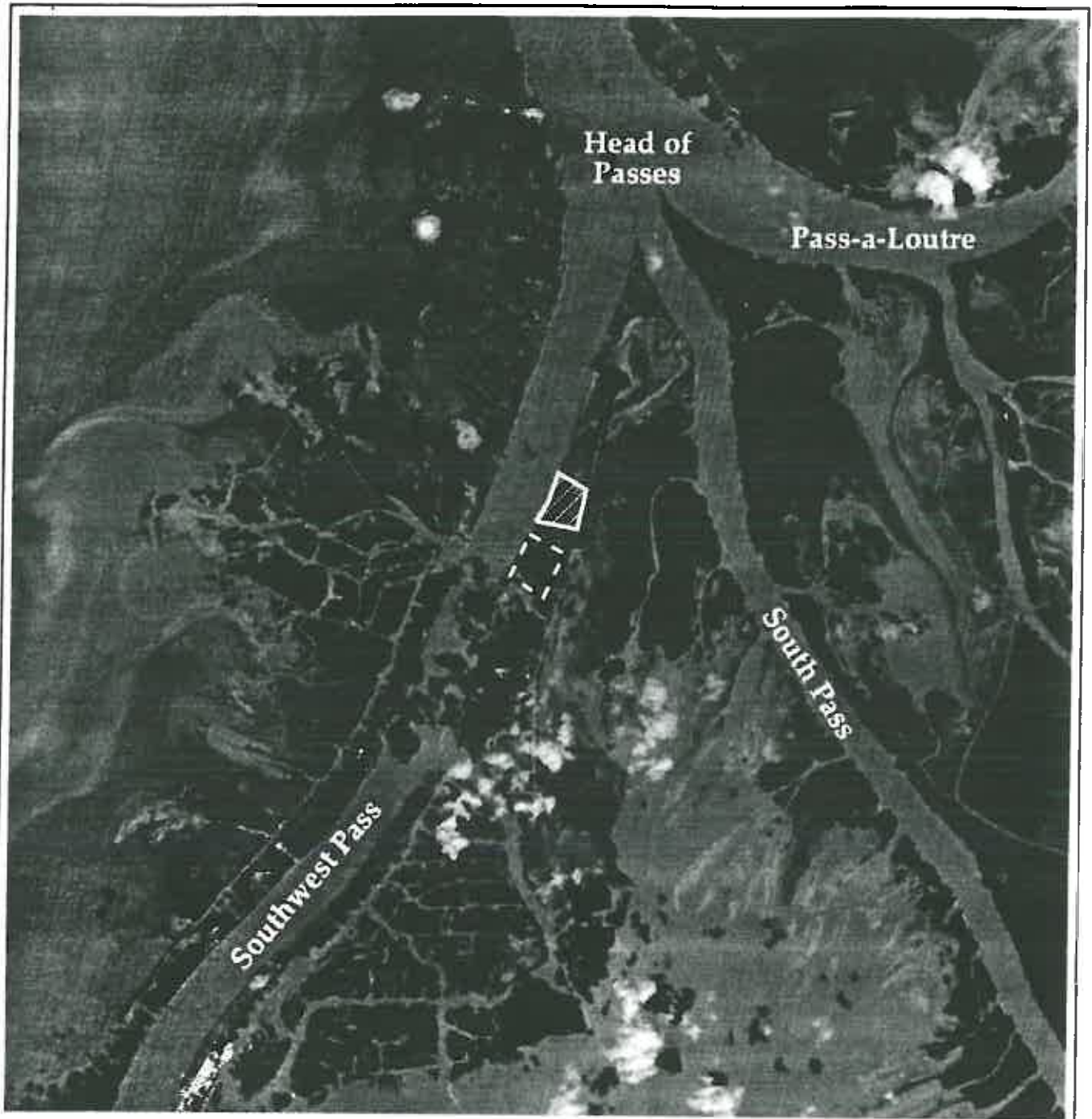
The Beneficial Use of Hopper Dredged Material Demonstration project is located within the lower Mississippi River Delta (MRD) in Plaquemines Parish. The project area is located on the left-descending bank of Southwest Pass, approximately three miles below Head of Passes (figure 1). This area is approximately 33 acres of freshwater marsh, consisting of a large open-water pond that is interspersed with small islands of emergent vegetation.

Major navigation channels in Louisiana, such as the Mississippi River and lower Atchafalaya River, are maintained through sediment dredging by the United States Army Corps of Engineers (USACE). Consequently, over 90 million cubic yards of sediment are dredged from these waterways annually (USACE and Louisiana State University 1995). In the lower MRD, dredged material is disposed of by "stock-piling" materials along the river channel and ocean dumping. With both of these methods, dredged materials become unavailable for marsh creation. Hence, the USACE-New Orleans District has recently developed a long-term plan to utilize dredged material to enhance and create wetland habitats along many of the major navigation channels.

In other regions of the United States, dredged material has successfully been used to develop wetland habitats (Austin 1995). For instance, a 100-ha demonstration marsh was created with dredged material in upper Galveston Bay by the USACE and the Houston Port Authority. Viable wetlands have also been created in the District of Columbia, and in areas within Chesapeake Bay. Success of these projects shows that dredged material can be used to develop wetland habitats, thereby providing an environmentally acceptable alternative for dredge disposal.

Techniques for developing wetlands are important to Louisiana, because it experiences the highest coastal erosion rates in the U. S. (Penland et al. 1990). Within Louisiana, extensive wetland loss occurs in the active MRD region. For instance, land loss is estimated to be 5.37 mi<sup>2</sup>/yr for the MRD, which is 21% of the total annual land loss occurring in the Louisiana coastal zone (Dunbar et al. 1992). Causes of land loss in the MRD include a combination of natural processes and human-induced activities, such as subsidence, sea level rise, canal dredging, and levee construction (van Beek and Meyer-Arendt 1982).

The goal of this 5-year demonstration project is to create a vegetated wetland through the beneficial use of dredged material. Approximately 360,000 cubic yards of dredged material will be obtained from maintenance dredging operations along the Mississippi River between Mile 3.5 Above Head of Passes (AHP) and Mile 2.0 Below Head of Passes (BHP). Dredged material will be discharged from a hopper dredge by nozzle discharge into a shallow open-water area located on the left descending bank of Southwest Pass between Mile 2.95 BHP and Mile 3.2 BHP (figure 1).



Data Source:  
Louisiana Dept. Natural Resources,  
Coastal Restoration Division



Map ID: 97-5-027

Figure 1. Beneficial Use of Hopper Dredged Material (MR-08) project boundary.

Dredged material will be deposited behind the river levee within the project area, and placement will continue eastward. Dredged material will be placed as uniformly as possible at or below elevation +3.5 ft to +4.0 ft Mean Low Gulf (MLG). Although containment levees will not be constructed, dredged material is expected to encompass approximately 33 acres within the disposal area.

### Project Objective

Utilize dredged material from a hopper dredge to create emergent vegetated marsh in an area that is currently a shallow, open-water pond.

Measure effectiveness  
with data from  
monitoring elements #:

### Specific Goals

- |         |   |
|---------|---|
| 1, 3    | 1. To create one acre of emergent vegetated marsh for every 15,000 cubic yards of dredged material deposited in the project area.   |
| 1, 2, 3 | 2. To increase mean elevation in the project area to a level that is conducive to the establishment of emergent wetland vegetation. |
| 1, 3    | 3. To increase mean abundance of emergent wetland vegetation in the project area.   |

### Reference Area

Monitoring both project and reference areas allows statistically valid comparisons, and is therefore, the most effective means of evaluating project effectiveness. An area located immediately northeast of the project area was selected as the reference area (figure 1). This site was chosen based on its close proximity to the project area, and because it has a similar vegetative community, soil type and hydrology. The project and reference area are classified as freshwater marsh and contain very poorly drained, mineral Balize and Larose soils as well as dredged, frequently flooded Aquent soils (unpublished data, Natural Resource Conservation Service).

### Monitoring Limitations

CRD endorses this monitoring plan as recommended by the Technical Advisory Group. Due to monetary constraints, however, intervals of monitoring have been revised to fit the budget.

## Monitoring Elements

### 1. Habitat mapping

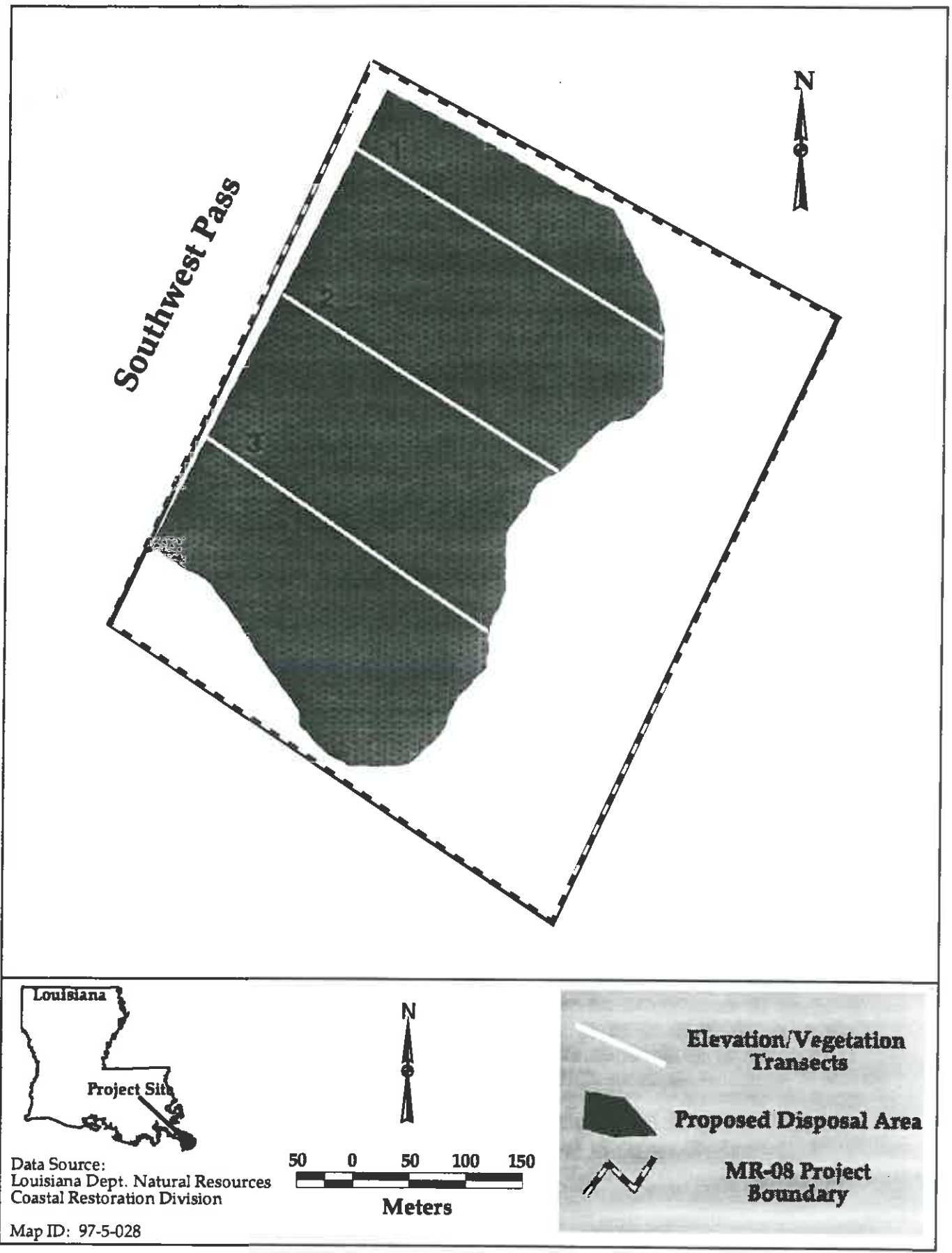
Near-vertical, color-infrared aerial photography (1:6,000 scale) will be taken of the project and reference area. Photography will be georectified, photo interpreted, mapped, and analyzed with GIS by the National Wetlands Research Center (NWRC) following procedures outlined in Steyer et al. (1995). Aerial photography, at a scale of 1:12,000, was taken of the project and reference areas in January, 1996. It will be enlarged to a scale of 1:6,000 and used for pre-project habitat mapping. Post-construction photography will be obtained during year five at the earliest possible time between August 1 and October 1, prior to the first fall frost. Additionally, photography may be obtained in response to storm or major flood events.

### 2. Elevation

Elevation transects will be established across the project area to document changes in mean elevation (figure 2). Permanent and temporary benchmarks will be established with a global positioning system (GPS) before project construction. A 1,350-ft survey baseline will be established parallel to the river levee. Three elevation transect lines, spaced at 400-ft intervals, will run through the project area perpendicular to this baseline. Elevations will be recorded at 50-ft intervals along each transect as well as any significant changes in elevations within those intervals. Elevation surveys will be conducted pre-construction, if possible, and during year five. If elevation measurements can not be taken pre-construction, then elevation surveys will be conducted during year one post-construction.

### 3. Vegetation

Plant species composition, relative abundance, and total abundance will be recorded along vegetation transects to document plant succession in the project and reference area (figure 2). The Braun-Blanquet method, as described in Steyer et al. (1995), will be used to conduct these vegetation surveys. Surveys will be conducted along previously established elevation transect lines in the project area and three additional lines in the reference area. Vegetation sampling stations will correspond with elevation samples whenever possible. Sample stations along each transect will be established to intersect the major plant communities within the marsh, with at least five plots within each community. Vegetation surveys will be conducted in early fall, prior to the first frost, during pre-construction, if possible, and during year five. If surveys cannot be conducted pre-construction, then they will be conducted during year one post-



**Figure 2.** Beneficial Use of Hopper Dredged Material (MR-08) project boundary, location of proposed marsh creation, and proposed elevation and vegetation transects.

construction. The survey conducted in year five will be done in concert with the aerial photography flight.

### Anticipated Statistical Analyses and Hypotheses

The following paragraphs describe statistical tests that will be used to analyze data collected for each monitoring element included in this monitoring plan, to evaluate the accomplishment of the project goals. The numbers to the left correspond to the monitoring elements described above. These are followed by statements of the project goals and the hypotheses that will be used in the analyses.

- 1) Descriptive and summary statistics on historical data (for 1956, 1978, and 1988) and data from color-infrared aerial photography collected pre- and post-construction will be used, along with GIS interpretations of these data sets, to evaluate marsh to open water ratios and changes in the rate of marsh loss/gain in the project and reference areas. Habitat mapping data may also be used in the analyses of emergent vegetation, to evaluate the project goal of increasing the abundance of emergent marsh vegetation in the project area, as discussed under item 3 below.
- 2) A paired t-test will be used to compare mean elevation within the project area over time (pre-project vs. post-project). In addition, analysis of variance (ANOVA) may also be used to compare elevations among transects or stations within transects for given time period (pre-project or post-project).

*Goal:* Increase mean elevation in the project area to a level that is conducive to the establishment of emergent marsh vegetation.

*Hypotheses:*

$$H_o: EL_{\text{post}}^{(5)} \leq EL_{\text{pre}}$$

$$H_a: EL_{\text{post}}^{(5)} > EL_{\text{pre}}$$

*where:*  $EL_{\text{post}}^{(5)}$  = mean elevation within the project area, post-construction year 5

$EL_{\text{pre}}$  = mean elevation within the project area, pre-construction

$H_o:$  Mean elevation in the project area at year 5 WILL NOT be significantly greater than mean elevation in the project before project construction

$H_a$ : Mean elevation in the project area at year 5 WILL be significantly greater than mean elevation in the project area before project construction

- 3) A paired t-test will be used to determine differences in mean species composition, relative abundance, and total abundance of wetland vegetation within the project and reference area over time (pre-project vs. post-project). In addition, ANOVA may also be used to compare these same variables between the project and reference area within a given time period (pre-project or post-project).

*Goal:* Increase mean abundance of emergent wetland vegetation within the project area.

*Hypotheses:*

$$H_o: V_{\text{post}}^{(5)} \leq V_{\text{pre}}$$

$$H_a: V_{\text{post}}^{(5)} > V_{\text{pre}}$$

*where:*  $V_{\text{post}}^{(5)}$  = mean vegetation abundance within the project area, post-construction year five

$V_{\text{pre}}$  = mean vegetation abundance within the project area, pre-construction

$H_o$ : Mean abundance of emergent wetland vegetation at year 5 WILL NOT be significantly greater than mean abundance of emergent vegetation before project construction

$H_a$ : Mean abundance of emergent wetland vegetation at year 5 WILL be significantly greater than mean abundance of emergent vegetation before project construction

*Hypotheses:*

$$H_o: V_{\text{proj}}^{(5)} = V_{\text{ref}}^{(5)}$$

$$H_a: V_{\text{proj}}^{(5)} \neq V_{\text{ref}}^{(5)}$$

*where:*  $V_{\text{proj}}^{(5)}$  = mean vegetation abundance within the project area, post-construction year five

$V_{\text{ref}}^{(5)}$  = mean vegetation abundance within the reference area, post-construction year five

- H<sub>0</sub>: Mean abundance of emergent wetland vegetation in the project area at year 5 **WILL NOT** be significantly different from mean abundance of emergent vegetation in the reference area at year five
- H<sub>a</sub>: Mean abundance of emergent wetland vegetation in the project area at year 5 **WILL** be significantly different from mean abundance of emergent vegetation within the reference area at year five.

Notes:

1. Implementation Schedule:
 

|                    |         |
|--------------------|---------|
| Construction Start | 09/1/97 |
| Construction End   | 11/1/97 |
  
2. USACE Point of Contact: Bill Hicks (504) 862-2626
  
3. DNR Project Manager: Rachel Wilson (504) 342-2532  
 DNR Monitoring Manager: John Troutman (504) 342-0240  
 DNR DAS Assistant: Darin Lee (504) 342-1952
  
4. Upon completion of the five year post-construction monitoring, if it is determined that subsidence may be a causal factor in significant vegetation loss in the project area, then an evaluation of subsidence through coring in the project and reference area will be initiated.

5. References:

Austin, T. 1995. A second life for dredged material. Civil Engineering. November: 60-63.

Dunbar, J. B., L. D. Britsch, and E. B. Kemp 1992. Land loss rates. Report 3. Louisiana Coastal Plain. New Orleans: U. S. Army Corps of Engineers. 28 pp.

Penland, S., H. H. Roberts, S. J. Williams, A. H. Sallenger, D. R. Cahoon, D. W. Davis, and C. G. Groat. 1990. Coastal land loss in Louisiana. Transactions of the Gulf Coast Association of Geological Societies. 90: 685-699.

Steyer, G. D., R. C. Raynie, D. L. Steller, D. Fuller, and E. Swenson 1995. Quality management plan for the Coastal Wetlands Planning, Protection, and Restoration Act Monitoring Program. Open-file report no. 95-01. Baton Rouge: Louisiana Department of Natural Resources, Coastal Restoration Division. 97 pp. plus appendices.

USACE and Louisiana State University 1995. Dredge Material Beneficial Use Monitoring Program. New Orleans: U. S. Army Corps of Engineers. 31pp.



van Beek, J. L. and K. J. Meyer-Arendt 1975. Louisiana's eroding coastline: recommendations for protection. Unpublished report for the Louisiana Department of Natural Resources. Baton Rouge: Coastal Restoration and Management Division. 49 pp.

**Comments from the Monitoring Work Group, Scientific Advisory Group,  
and Planning and Evaluation Subcommittee on the  
Beneficial Use of Hopper Dredged Material  
Demonstration Project (MR-08)  
Monitoring Plan**

| TEXT | COMMENT | DNR DISPOSITION |
|------|---------|-----------------|
|      | **      |                 |

\*\* The monitoring plan was mailed out for a two week comment period from June 2 - 19. No comments were received from the Monitoring Work Group, Scientific Advisory Group, or the Planning and Evaluation Subcommittee for the Beneficial Use of Hopper Dredged Material Demonstration Project (MR-08) monitoring plan.

**Beneficial Use of Hopper Dredged Material (MR-08)**

**Monitoring Budget**

**(Estimate)**

6/2/97

| <u>MONITORING ELEMENT</u>   | <u>COST</u> | <u>TOTAL</u>       |
|---|-------------|--------------------|
| <b><u>Monitoring Plan Development Cost</u></b>                              | \$4,160.00  |                    |
|   |             | \$4,160.00         |
| <b><u>Habitat Mapping</u></b><br>(1 post-construction)                      |             |                    |
| Project management  | \$3,231.59  |                    |
| Digital conversion  | \$1,600.03  |                    |
| Photo acquisition   | \$780.77    |                    |
| Photo interpretation  | \$989.71    |                    |
| GIS   | \$3,573.94  |                    |
| <b>Total Habitat Mapping Cost</b>   |             | <b>\$10,176.04</b> |
| <b><u>Monitoring Variables</u></b>  |             |                    |
| 2 person crew<br>( 2 pers. x \$20 /hr x 10 hr/day x 2 day/trip x 3 trips)   | \$2,400.00  |                    |
| Lodging<br>( 2 pers. x \$50 /pers./night x 3 nights/trip x 2 trips)         | \$600.00    |                    |
| Per diem<br>( 2 pers. x \$21 /pers./day x 3 days/trip x 2 trips)            | \$252.00    |                    |
| DNR vehicle<br>( \$0.24 /mile x 400 miles/trip x 2 trips)                   | \$192.00    |                    |
| Handheld GPS<br>( \$5.33 /day x 3 day/trip x 1 trips)                       | \$15.99     |                    |
| 1 cellular phone<br>( \$6.30 /day x 3 day/trip x 2 trips)                   | \$37.80     |                    |
| 1 35 mm Camera<br>( \$4.44 /day x 3 day/trip x 2 trips)                     | \$26.64     |                    |
| 14' Pirogue<br>( \$10.00 /day x 3 day/trip x 1 trips)                       | \$30.00     |                    |
| 17' Whaler w/115 HP Motor & Fuel<br>( \$172.00 /day x 3 day/trip x 2 trips) | \$1,032.00  |                    |
| Elevational profiles<br>( \$1,500.00 /day x 2 day/trip x 2 trips)           | \$6,000.00  |                    |
| Miscellaneous supplies<br>( \$5.00 /day x 3 day/trip x 2 trips)             | \$30.00     |                    |
| <b>Total Cost for Monitoring Variable</b>                                   |             | <b>\$10,586.43</b> |
| <b><u>Data Analysis</u></b>   |             |                    |
| Personnel (based on project type)   |             |                    |
| Assume the following days per item:   |             |                    |
| DM<br>( 1 pers. x \$20 /hr x 10 hr/day x 3 days/item x 2 items)             | \$1,200.00  |                    |
| ( 1 pers. x \$30 /hr s 10 hr/day x 3 days/item x 2 items)                   | \$1,800.00  |                    |
| <b>Total Data Analysis Cost</b>   |             | <b>\$3,000.00</b>  |

**Report Writing**

Personnel

|    |           |      |       |              |                 |           |            |
|----|-----------|------|-------|--------------|-----------------|-----------|------------|
| 3  |           |      |       |              |                 |           |            |
| DM |           |      |       |              |                 |           |            |
| (  | 1 pers. x | \$20 | /hr x | 10 hrs/day x | 10 days/rept. x | 2 repts.) | \$4,000.00 |
| (  | 1 pers. x | \$30 | /hr x | 10 hrs/day x | 2 days/rept. x  | 2 repts.) | \$1,200.00 |

**Total Report Writing Cost**

**\$5,200.00**

**Administration**

2 TAG meetings

|              |   |      |       |            |         |          |
|--------------|---|------|-------|------------|---------|----------|
| DNR          | ( | \$30 | /hr x | 4 hr/mtg x | 2 mtgs) | \$240.00 |
| DNR          | ( | \$20 | /hr x | 4 hr/mtg x | 2 mtgs) | \$160.00 |
| NWRC         | ( | \$30 | /hr x | 4 hr/mtg x | 2 mtgs) | \$240.00 |
| Ecologist    | ( | \$50 | /hr x | 4 hr/mtg x | 2 mtgs) | \$400.00 |
| Statistician | ( | \$50 | /hr x | 4 hr/mtg x | 2 mtgs) | \$400.00 |

**Total Administration Cost**

**\$1,440.00**

|                            |   |      |       |             |         |            |            |
|----------------------------|---|------|-------|-------------|---------|------------|------------|
| <u>Ecologist Duties</u>    | ( | \$50 | /hr x | 10 hr/day x | 2 days) | \$1,000.00 | \$1,000.00 |
| <u>Statistician Duties</u> | ( | \$50 | /hr x | 10 hr/day x | 2 days) | \$1,000.00 | \$1,000.00 |

**TOTAL COST**

**\$36,562.47**

**BUDGETED**

**\$0.00**

**DEFICIT (TOTAL - BUDGETED) \$36,562.47**

Note: DNR administrative costs associated with monitoring plan development, data analysis and report writing were reduced by \$14,985 in order to stay within budget.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

**REVISED STANDARD OPERATING PROCEDURE  
FOR DEMONSTRATION PROJECTS**

**For Task Force Decision.**

Mr. Schroeder will present the revised standard operating procedure for demonstration projects to the Task Force with the Technical Committee's recommendation for approval. A copy of the procedure is enclosed.

**Recommendation of the Technical Committee:**

That the Task Force approve the Coastal Wetlands Planning, Protection and Restoration Act Revised Standard Operating Procedure For Demonstration Projects.

**Coastal Wetlands Planning, Protection and Restoration Act  
Revised Standard Operating Procedure for  
Demonstration Projects**

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

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

What constitutes a demonstration project:

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

What is required to evaluate a demonstration project:

1. Each demonstration project submitted for evaluation must have a specific project area.
2. No Wetland Value Assessments (WVA) will be performed on candidate demonstration projects.
3. CWPPRA projects are designed and evaluated on a 20-year project life. However, demonstration projects are unique and each project must be developed accordingly. A specific plan of action must be developed, and operation and maintenance and project monitoring costs included. Monitoring plans are developed to evaluate the demonstration project's technique and the wetland response. Monitoring should be only long enough to evaluate the demonstration's performance and may be less than 20 years.
4. The evaluation must include a comparison of the demonstration project's method of achieving the project objectives vs. a traditional method of accomplishing the project objectives, *if available,* including a concise statement as to what is going to be demonstrated and how the demonstration project meets the project objectives;

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

6. Demonstration projects do not need to be in the Restoration Plan.

The evaluation criteria:

Each candidate demonstration project will be evaluated and compared to other demonstration projects competing for funding on the annual priority list based on the following criteria:

- innovativeness
- applicability (or transferability)
- potential environmental benefits
- recognized need for the information to be acquired
- potential for technological advancement

The lead Federal agency will present the information shown in the evaluation section to the CWPPRA work groups and committees during the annual evaluation of candidate projects. The Environmental and Engineering Work Groups will review the information on each candidate demonstration project and will prepare a joint evaluation to the Planning and Evaluation Subcommittee outlining the merits of each project. The recommendation will be based on the above established evaluation criteria. The Planning and Evaluation Subcommittee will present information on the demonstration projects at the public meetings that are held to present the results of the annual evaluation of candidate projects, including any such meetings of the Technical Committee or the Task Force. At these meetings the public will be notified that demonstration projects are testing unproven technology and, for that reason, have a relatively high risk of being unable to provide long-term wetlands benefits.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

**REPORT ON TECHNICAL COMMITTEE GUIDANCE TO THE PLANNING AND  
EVALUATION SUBCOMMITTEE ON PREPARATION OF THE FISCAL YEAR 1998  
PLANNING BUDGET**

**For Discussion.**

Mr. Schroeder will report on the Technical Committee's guidance concerning the preparation of the Fiscal Year 1998 planning budget.



17 July 1997

Technical Committee Guidance to Planning and Evaluation Subcommittee on the  
Preparation of the Fiscal Year 1998 Budget

The guidance suggests the following steps:

- Follow the general guidance of the ad hoc committee (enclosure 2)
- Attempt to set limits on agency participation levels for PPL 8, giving consideration to differences in roles.
- Address the Mississippi River Sediment, Nutrient and Freshwater Redistribution Study and "Miscellaneous" category budget items such as Coast 2050, as well as any other remaining requirements (see enclosure 1).

*Fruge*

1. PPL Process - agencies should be funded similarly
2. MRSNER - fund
3. Phase I - "
4. Continue PPL 7+8 Funding.

*Funding short for Phase II - defer funding in FY 98*

*Steve Smith*

*Barrier Shoreline Comments  
Phase II+III - cost \$800K*

*Oreal - Bas. Studies need to consider non-wetland  
benefits in seeking WRDA.*

**Coastal Wetlands Planning, Protection and Restoration Act**  
**Estimated Demands on FY 98 Planning Program Budget (based on prior years)**

21 Jul 97

|                                  | FY95<br>Amount (\$) | FY96<br>Amount (\$)  | FY97<br>Amount (\$)    | Estimated<br>FY98<br>Amount (\$) |              |
|----------------------------------|---------------------|----------------------|------------------------|----------------------------------|--------------|
| <b>State of Louisiana</b>        |                     |                      |                        |                                  |              |
| DNR                              | 416,700             | 495,500              | 371,100                | 371,100                          |              |
| Gov's Ofc                        | 94,200              | 84,900               | 95,300                 | 95,300                           |              |
| LDWF                             | 20,000              | 20,000               | 20,000                 | 15,800                           |              |
| <b>Total State</b>               | <b>530,900</b>      | <b>600,400</b>       | <b>486,400</b>         | <b>482,200</b>                   |              |
| EPA                              | 252,300             | 310,700              | 354,700                | 354,700                          |              |
| <b>Dept of the Interior</b>      |                     |                      |                        |                                  |              |
| USFWS                            | 152,400             | 183,600              | 235,800                | 235,800                          |              |
| NBS                              | 87,500              | 67,800               | 73,200                 | 73,200                           |              |
| NBS Mntrng                       |                     | 62,000 <sup>1</sup>  | 0                      | 0                                |              |
| USGS Reston                      |                     | 8,800                | 8,800                  | 8,800                            |              |
| USGS Baton Rouge                 | 7,800               | 10,600               | 12,000                 | 12,000                           |              |
| <b>Total Interior</b>            | <b>247,700</b>      | <b>332,800</b>       | <b>329,800</b>         | <b>329,800</b>                   |              |
| Dept of Agriculture              | 509,500             | 595,900              | 434,900                | 434,900                          |              |
| Dept of Commerce                 | 331,900             | 304,800              | 317,300                | 317,300                          |              |
| Dept of the Army                 | 759,200             | 862,100 <sup>2</sup> | 792,000                | 792,000                          |              |
| <b>Agency Total</b>              | <b>2,631,500</b>    | <b>3,006,700</b>     | <b>2,715,100</b>       | <b>2,710,900</b>                 |              |
| <b>Feasibility Studies</b>       |                     |                      |                        |                                  | <b>Total</b> |
| Barrier Shoreline Study          | 1,007,000           | 766,600              | 355,400                | 1,646,000                        | 3,775,000    |
| Miss R Diversion Study           | 919,900             | 993,000 <sup>4</sup> | 1,457,600 <sup>3</sup> | 712,900                          | 4,083,400    |
| <b>Total Feasibility Studies</b> | <b>1,926,900</b>    | <b>1,759,600</b>     | <b>1,813,000</b>       | <b>2,358,900</b>                 |              |
| <b>Miscellaneous</b>             |                     |                      |                        |                                  |              |
| Academic Advisory Group          | 117,000             | 75,000               | 115,000 <sup>7</sup>   | 75,000                           |              |
| Public Outreach                  | 56,050              | 129,000              | 165,000 <sup>6</sup>   | 129,000                          |              |
| DNR Video Repro                  | 1,000               |                      |                        |                                  |              |
| GIS/Oyster Lease Maps            | 40,000              |                      | 105,100 <sup>5</sup>   | 80,264                           |              |
| Gov's Office Workshop            |                     |                      | 15,000                 |                                  |              |
| GIWW Data collection             |                     |                      | 68,000                 |                                  |              |
| COAST 2050                       |                     |                      |                        | 900,000                          |              |
| <b>Total Miscellaneous</b>       | <b>214,050</b>      | <b>204,000</b>       | <b>468,100</b>         | <b>1,184,264</b>                 |              |
| <b>Total Allocated</b>           | <b>4,772,450</b>    | <b>4,970,300</b>     | <b>4,996,200</b>       | <b>6,254,064</b>                 |              |
| Unallocated Balance              | 227,550             | 29,700               | 3,800                  | -1,254,064                       |              |
| <b>Total Unallocated</b>         | <b>227,550</b>      | <b>257,250</b>       | <b>261,050</b>         | <b>-993,014</b>                  |              |

<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

Encl 1

## DRAFT SELECTION PROCESS FOR PRIORITY LIST #7 8

**Policy** set by CWPPRA Task Force - April 24, 1997

Strategic guidance that determines what sort of projects are eligible for nomination to PL#7. For instance: at least 2/3 funds dedicated to strategic impact projects, these regions need sediment and freshwater, only x projects over \$25 million can be nominated in each region, how many projects can be nominated per region, team make-up, etc.

**Regional Teams** set up by CWPPRA Task Force

Cheniere Plain - Calcasieu/Sabine and Mermentau Basins

Western Deltaic Plain - Teche/Vermilion, Atchafalaya, Terrebonne and Barataria.

Eastern Deltaic Plain - Miss. Delta, Breton Sound, and Pontchartrain. (Barataria might go better here)

**Team membership** - official voting members (NOTE TO TECHNICAL COMM. Two people may be a problem for some agencies and number of votes per agency remains to be decided)

two from each Federal Agency

two academics

two from the State

one from among the local CZM representatives in the Region

one ad hoc representative appointed by the Governor.

Each team will select its own leader.

Local government representatives, landowners, consultants, environmental groups, fishers, etc will all be active participants in the regional meetings.

### **Outreach Coordination**

CWPPRA Outreach person sets dates and locations of Regional Meetings, using the LSU Extension Service and/or local CZM representatives for help in mailing list and finding local meeting places.

Outreach person insures that key people are notified of all meetings of Regional Teams. P&E, Technical Comm, and Task Force.

Helps develop project nomination form and disseminate this along with Task Force Strategic Guidance

### **Regional Meeting #1 - The Rules and New Information Week of May 5, 1997**

Facilitated, interactive forums similar to initial Restoration Planning sessions in 1993.

Meeting format:

Description of new selection process

CWPPRA Task Force Strategic Guidance

Brief review of all Basin Restoration Plans in Region.

Review Basin strategies.

Review lists of Basin projects

New knowledge about the area and its problems not known in 1993 (current wetland loss, model projections of future shoreline, etc.)

Review new studies/projects (LAR, Morganza to Gulf, HNC Lock, MRSNFR, etc)  
Identification of focus areas - greatest need or best opportunities for systemic projects  
Discussion of highest priority restoration strategies for Region.  
Identify Basin projects that best address highest priority strategies.  
Implement ability of projects - landownership, oyster leases, relocations

**Local Meetings - Early Planning - ((NOTE TO TECHNICAL COMMITTEE - This series of meetings should be deferred until PL#8 when we will have more time. We cannot make the deadline for PL#7 if we initiate these meetings this year).**

These are one-day meetings, held in various parishes, team members are present to discuss any projects that locals (parishes, landowners, etc) or team members want to nominate. The team will help locals flesh out their ideas, find a Federal sponsor, and fill out nomination forms. Integrated groups of projects can be developed.  
Project nominators have face-to-face meetings with key community leaders, landowners, etc in project areas to help gauge Implement ability and aid in cost estimates.

Suggested locations of meetings:

Cheniere - Cameron and Vermilion

Western Deltaic - Iberia, St. Mary, Terrebonne, Lafourche, and Jefferson

Eastern Deltaic - Plaquemines, St. Bernard, Orleans, and St. Tammany

**Regional Meeting #2 Interactive project development - Week of June 9, 1997**

Team gathers to discuss project possibilities.

Preliminary peer/local interest review of projects.

**Regional Meeting #3 Daytime Session- Project nominations Week of July 1, 1997**

All candidate projects presented to group. Describe features and how project relates to Task

Force guidance and highest priority strategies for Region.

Projects placed on region map

Discuss possibility of combining projects

Develop greater detail for projects, if necessary

Team reviews nomination packages for completeness and identifies additional information needs

**Regional Meeting #3, Evening Session - first cut at candidate selection**

Team members pick regional candidate projects using 2 or 3 criteria such as:

- a) Implement ability
- b) Fits Task Force strategic guidance
- c) Systemic project
- d) Preliminary benefits
- e) costs

Criteria must be flexible enough to allow small projects to be selected.

Limit is 10 projects per region.

Notify all of these first cut results.

Provide nomination packages to P&E and Teach. Comm.

**Coast wide Meeting - committee selection of candidate projects July 14, 1997**

P&E, Technical and all Regional teams meet.

Team leaders present the Region's 10- candidate projects to the group.

Combined committees select top 15-20 candidate projects for further evaluation based on same criteria as Regional Team selection.

**CWPPRA Task Force Meeting - selection of candidate projects Week of July 14, 1997**

Task Force approves/modifies committee selections

Lead agencies continue preparing details on project features.

**WVA Team meets - Sept 1, Nov 30, 1997**

Agrees on boundaries for all candidate projects

Does field trips and office WVA's.

**Engineering Work Group meets Oct 1 to Dec 31, 1997**

Encourages agencies to finalize project plans and approves costs of each project as soon as WVA Team is finished with that project.

**Economics Work Group meets - Dec 1, 1997 to Jan 15, 1998**

Prepares average annual costs

**Public Meetings for Presentation of Candidate Projects - Week of Jan 26, 1998**

The features, benefits and costs of all 15-20 candidate projects are presented at two or three meetings across the coastal zone.

**P&E Subcommittee and Technical Committee Joint Meeting - selects PL #7 projects - Feb 9, 1998**

**Task Force Meeting - approves/modifies P&E/Tech. Comm selection. - Feb 23, 1998**

**State presents PL#7 and State-only projects to La. Legislature March 31, 1998**

**CWPPRA Task Force April 24, 1997**

Provides strategic guidance  
Selects Regional Teams.

Cheniere Plain - Cals/Sabine and Mermentau  
Western Deltaic Plain - T/V, Atch.,  
Terrebonne and Barataria  
Eastern Deltaic Plain - Miss., Breton, and  
Pontchartrain

**Regional Meeting #1 Week of May 5, 1997**

Describe selection process and strategic  
guidance  
Review Restoration Plans  
New knowledge/studies  
Identify focus areas  
Discuss high priority strategies  
Discuss implement ability of projects

**Regional Meeting #2**

**Week of June 9, 1997**

Interactive project development  
Preliminary peer/local review of projects

**Regional Meeting #3, Daytime Session**

**Week of July 1, 1997**

Candidate projects presented  
Placed on map  
Nomination packaged reviewed for  
completeness.

**Regional Meeting #3, Evening Session**

Team members nominate candidate projects

**Coast Wide Meeting July 14, 1997**

Team leaders present 10 nominations of  
Regional Team  
Combined committees select 15-20 top  
candidates for further evaluation

**CWPPRA Task Force Meeting**

**Week of July 14, 1997**

**Approves/modifies** selection of committees

**Lead Agencies complete details on project  
Month of August 1997**

**WVA Analysis  
Sept. 1 to Nov 30, 1997**

**Engineering Work Group  
Oct 1 to Dec 31, 1997**

**Economics Work Group  
Dec 1 1997 -Jan 15, 1998**

**Public Meetings  
Week of Jan 26, 1998  
Features, benefits and costs of 15-20  
candidate projects presented**

**P&E Subcommittee/Technical Committee  
Joint Meeting  
Feb 9, 1998  
Group selects PL#7**

**CWPPRA Task Force  
Feb 23, 1998  
Approves/modifies P&E/Tech. Comm  
selection**

**State presents PL#7 and State-only projects  
to La. Legislature  
March 31, 1998**

# interoffice

MEMORANDUM

---

To: Bill Good, Administrator  
From: *WJC* Carol Clark, Darryl Clark  
Subject: Draft Selection Process for PPL 7  
Date: April 8, 1997

The following constitute our comments on the "Draft Selection Process for PPL 7" as submitted by the Fruge et al. CWPPRA Selection Process Ad Hoc Subcommittee:

## General Comments

In general, the revised process makes some changes to the initial stages of the CWPPRA PPL project nomination process by including more local people in earlier meetings, but it does not change the actual selection process once the candidate projects are selected.

We believe that the existing process of determining the environmental benefits by the WVA Working Group, the engineering costs by the Engineering Working Group, and the economics by the Economic Working Group is not broken. It remains to be a good process to use in order to determine the cost effectiveness of CWPPRA projects. This cost effectiveness should have (and is by Law - P. L. 101-646) the greatest weight of all criteria used in the selection of projects for each PPL. It is noted that the other criteria, namely; risk and uncertainty, public support, supporting partnerships, support of the restoration plan, and longevity and sustainability remained unchanged from that of the previous two years. We feel that these criteria have served the process well in being used to effectively rank candidate projects to guide DNR and the State and CWPPRA Task Forces in final project selection.

## More Specific Comments

More specific recommendations concerning changes to the draft PPL 7 process include:

- ✓ 1. Reduce the voting members under Team Membership from two to one (1) (page 1, paragraph 2).
- ? 2. The specific inclusion of DNR as an agency representing the state under Team Membership (page 1, paragraph 3).



Bill Good, Administrator

Page 2

April 8, 1997

- ✓ 3. We do not object to the inclusion of one representative per local Parish CZM Advisory Group on the Regional Teams, but agree that their vote should be counted as one.
- X 4. Under Outreach Coordination (page 1, paragraph 4), it appears that the chairman of the Planning and Evaluation Committee can fill this role of meeting date selection and notification. The P and E chairman should be ultimately responsible for setting the dates and locations with the assistance of the Outreach Person.
- I 5. It is a good idea to have facilitated Regional Basin Meetings in a similar format to the spring 1992 CWPPRA Basin Meetings. We feel that these Basin Meetings were well attended and productive. They formed the basis for the development of the CWPPRA Restoration Plan in 1993. All of the experts in coastal restoration with expertise in that particular basin or region should be invited along with the groups listed on page 1 of the draft. The invitee's should include state agencies, CZM representatives, local parish reps., academics, landowners, consultants, environmental groups, fishing groups etc.
- 4 6. We recommend that letters (or notifications) be sent to all major coastal groups (i.e. Local Parishes, the Louisiana Landowners' Association, fisherman's groups, Coastal Advisory Committees, Environmental Groups, etc.) which specifically invite them to nominate projects for PPL 7. This can be done unilaterally through DNR (by letter from the CRD Administrator or the Assistant Secretary) or through the CWPPRA process through the Outreach Person discussed under "Outreach Coordination" (page 1, paragraph 4). These letters would explain the Task Force ratified "strategic guidance" for the selection of projects and the format to submit nominations so that grossly unacceptable projects for non-restoration purposes or of a very local nature can be avoided.
7. We support the NMFS (see April 3, 1997 fax from Ruebsamen) recommendation that we hold one or more meetings of a local nature along the same lines of the "Local Meetings" discussed in the Draft Process (page 2 paragraph 2). These meetings will provide information concerning the PPL 7 process and give assistance in the nomination of projects to the local coastal zone personnel, extension agents and academics at the earliest possible date. We agree with the draft that we may not have much time during the initiation of the PPL 7 process to meet with each local parish and other representatives prior to the nomination of the candidate projects. We agree that an interagency team or DNR should meet early in 1998 prior to PPL 8 to perform the functions described under "Local Meetings" (page 2, para 2) and that Ruebsamen's recommendation for local meetings should be adopted for PPL 7.
- I 8. We recommend that the suggested Regional Meeting #2 (page 2, paragraph 5) be omitted from the PPL 7 selection process because of the time shortage. Its functions should be absorbed into meetings #1 and #3. The main purpose of Regional Meeting #2 is

Handwritten notes: "3/20/97" and "1000" with an arrow pointing to item 6.

"Interactive Project Development." That is, to develop projects based on the information received at Regional Meeting # 1. Regional Meetings #3 "a" and "b" (day and night meetings) also discuss projects. Regional Meeting #2 gives a little more time for the locals to discuss projects in the presence of agency personnel. Both agencies and the locals can develop projects away from a formal meeting during the time between Meetings # 1 and #3.

9. Regional Meeting #3 (Evening) is the "first cut" at nomination of a maximum of 10 candidate projects per Regional Team for a total of 30 projects. We feel that there is room to nominate as many as 15 candidate projects for certain regions such as the Western Deltaic Plain region which consists of the two basins (Terrebonne and Barataria) with the greatest land loss. A total of 45 projects brought to the "Coastwide Meeting" for the final selection of 15 or 20 is not a large number. The 20 PPL 6 candidate projects were selected from a total of over 60 nominees in July of 1996.
10. CWPPRA Task Force Meeting (page 3, paragraph 2). In the past, the Planning and Evaluation Subcommittee participated in the selection of candidates which was not subject to modification by the Task Force. We do not foresee the Task Force making any modifications if the PPL 7 initial selection process is adopted. This new process will be one which will be more inclusive and refined than in the past. We are afraid that the Task Force ratification meeting will give some members of the Task Force a second chance to recommend the addition of marginal projects not accepted by the Regional Teams or the removal of good projects recommended by the Teams.
11. The scenario which follows the Task Force meeting after the candidate projects are selected is the same process that we have been following for the past two years within CWPPRA (page 3, paragraphs 3 to 8). We are comfortable with this process and feel that it has worked to develop a list of projects based primarily on "cost-effectiveness" which is the prime criterion mentioned in the CWPPRA Act (P. L. 101-646) for the selection of projects. We recommend some minor changes in some of the dates for PPL 7:
  - a. The length of time that the Economic Working Group meets is too long (1 and 1/2 months). They finished their work within a week in 1997. We would suggest that the dates for the EWG be changed to January 1 to January 15, 1998.
  - b. The Public Meetings should be moved ahead one week from the week of January 26, 1998 to the week of January 15th to ensure that the work is completed prior to the Task Force meeting of February 23, 1998.
  - c. The State Task Force meeting should be inserted after Public Meetings and set for the week of January 26, 1998 just prior to the Task Force meeting.



FISHFAX-April 3, 1997
NMFS-BATON ROUGE FIELD BRANCH
Phone 504/389-0508 Fax 504/389-0506
1 PAGE

TO: BREAUX ACT TECHNICAL COMMITTEE
FROM: RICKEY N. RUEBSAMEN, NMFS
SUBJECT: PPL7 SELECTION PROCESS

In reference to the draft document, I am concerned about the potential increased agency effort required and our ability to meet the LDNR-requested deadline for completion of the assessment process by mid-January 1998. To streamline the process I suggest the following:

1 com... meeting to do #1

- 1. Agree upon the overall selection criteria/standards and provide that information to local coastal zone personnel and extension agents at the earliest possible date (early May?).
2. Hold three regional meetings to a) review problems and opportunities; b) review selection constraints; and c) select a slate of projects. These meetings should be set up locally, foster the widest possible academic and public involvement, and facilitated to achieve a public/agency selection of a project slate. Allow about 10 projects per meeting. (May-June)
3. Following the public meetings, the agencies review the projects and establish a project matrix (based primarily on No. 1, above) to allow a project comparison.
4. Within 2 to 4 weeks of the first regional meeting (e.g., mid to late June), convene a second meeting to present the matrix and reduce the list of candidates (state wide) to 15 projects. At or following that meeting, the projects would be assigned to Task Force agencies for development of Fact Sheets and Project Information Sheets.
5. Project assessments would follow current work group procedures with final public meeting(s) to present findings.

1 may / 1998
2 over NMFS + local
mfg

OPTIONAL FORM NO. 10 (7-80)

FAX TRANSMITTAL

# of pages 1

To: SUE HAWES
From: Ruebsamen
Dept./Agency: COE
Phone #: NMFS
Fax #:
Fax #:



United States  
Department of  
Agriculture

Natural Resources  
Conservation Service

3737 Government Street  
Alexandria, Louisiana  
71302

April 1, 1997

Mr. R. H. Schroeder  
Chief, Planning Division  
U.S. Army Corps of Engineers  
P.O. Box 60267  
New Orleans, Louisiana 70160-0267

Mr. Norm Thomas  
Chief, Federal Activities  
Branch (6E-F)  
Environmental Protection Agency  
Region VI  
1445 Ross Avenue  
Dallas, Texas 75202

Mr. Ric Ruebsamen  
Branch Chief  
National Marine Fisheries Service  
c/o CCDER/Center Wetland Resources  
Louisiana State University  
Baton Rouge, Louisiana 70803

Dr. Bill Good  
Administrator  
Louisiana Department of  
Natural Resources  
Coastal Restoration Division  
P.O. Box 94396  
Baton Rouge, Louisiana 70804

Mr. Gerry Bodin  
U.S. Fish and Wildlife Service  
825 Kaliste Saloom Road  
Brandywine II, Suite 102  
Lafayette, Louisiana 70508

Gentlemen:

RE: Draft Selection Process for Priority Project List 7  
Revised Comments

NRCS has reviewed the Draft Selection Process for Priority Project List 7 which was sent out on March 4, 1997, and submits the following comments for consideration at the April 14, 1997, meeting. NRCS is supportive of the general concept behind this proposal, but a lot of ground would need to be covered to adopt and succeed with the proposed process for PPL-7.

#### General Comments

1. We have questions about several components of the proposal. These questions should be addressed, and perhaps those components need to be developed in more detail, prior to a "yes/no" vote by the Technical Committee or Task Force. Can this be done prior to the April 24, 1997, Task Force meeting?
2. The first three Priority Project Lists were completed by the month of November; PPL-4 was selected in December; PPL-5 was not selected until the month of February; PPL-6

will not be selected until the month of April; the proposed schedule for PPL-7 calls for Task Force approval in the month of February (assuming no schedule slippage).

The Department of Natural Resources has requested that PPL-7 cost estimates and secondary criteria be completed by January 15, 1998. Recognizing that the next Task Force meeting is April 24, 1997, we need to realistically evaluate whether the current proposal can be accomplished in the available time window.

Should a realistic evaluation show that the current proposal is not feasible in the available time window, the process may need to be shortened or not used until PPL-8.

Specific Questions, Comments, and Proposed Changes

1. **Policy set by CWPRA Task Force** - What is the plan to develop this policy? Who will draft? What is the review process? What is the procedure for comment/amendment? Will the Technical Committee vote on this policy before the Task Force considers? Can this be done prior to the April 24, 1997, Task Force meeting?
2. **Team Membership**
  - a. It is suggested that the membership list and voting privileges for the "Regional Teams" be modified as follows:

| Agency/Group Represented | Number of Participants                 | Number of Votes    |
|--------------------------|--|--------------------|
| COE                      | 2, including consultants               | 1                  |
| EPA                      | 2, including consultants               | 1                  |
| NMFS                     | 2, including consultants               | 1                  |
| FWS                      | 2, including consultants               | 1                  |
| NRCS                     | 2, including consultants               | 1                  |
| DNR                      | 2, including consultants               | 1                  |
| Governor                 | 2, including consultants or ad hoc     | 1                  |
| Academics                | 2                                      | 1                  |
| Local Govt/<br>Local CZM | 2 per parish, including consultants    | 1 for entire group |
| Landowners               | 1 per ownership, including consultants | 1 for entire group |
| Environmental<br>Groups  | 1 per group, including consultants     | 1 for entire group |
| Individuals              | unlimited                              | 0                  |
| Total                    | no specific number                     | 11                 |

Additional regional specialists, such as managers of ongoing studies, etc., can be brought in as needed, without effect on the above membership.

- b. It is recommended that voting by "Regional Team" members be limited to issues leading up to and finalizing the individual team's nomination of 10 projects; from that point forward (e.g., selection of 15 to 20 coast-wide candidates and selection of PPL-7), voting should be limited to the existing CWPPRA organizational structure, i.e., P&E, Technical Committee, and/or Task Force.
        - c. When are team leaders selected? Are team leaders going to facilitate regional meetings? If so, need to allow time for selection of leaders, and time for leaders to prepare for Regional Meeting #1.
        - d. The success of this proposed process will be largely dependent on the effectiveness of the team leaders/facilitators in each of the Regional Meetings. Selection of team leaders is a critical element.
3. Outreach Coordination - Have the Extension Service and/or CZM Programs been contacted to determine interest and/or necessary lead time.
4. Regional Meeting #1
  - a. This meeting is probably scheduled too soon after the Task Force meeting. Setting meeting times and locations, providing sufficient notice to potential participants, and preparation by team leader/facilitator requires more time than allowed. Realistically these meetings should not be scheduled before mid or late May.
  - b. Initial presentation should include a discussion of constructed and authorized CWPPRA and state-only projects.
  - c. Are team members expected/allowed to present specific projects at these meetings or does "Identify Basin Projects" refer only to projects already in the Restoration Plan?
5. Regional Meeting #2 -
  - a. This item refers to "interactive project development", but "Identify Basin Projects" took place in Regional Meeting #1.
  - b. Does "interactive project development" refer to reshaping (revising, combining, deleting) those projects presented in Regional Meeting #1, or does this imply development of "new" projects, or both? The activities and goals of Regional Meeting #2 should be clarified.

6. **Regional Meeting #3, Daytime Session - Who can submit/present projects?**
7. **Regional Meeting #3, Evening Session - Would there be a ranking procedure based on criteria or would this simply be a vote by team members, who individually assess criteria?**
- 8: **Coast wide Meeting**
  - a. While it is important and desirable for Regional Team members to participate in the "Coast wide Meeting", it is recommended that voting for the selection of 15 to 20 coast wide candidates be limited to the existing CWPRA organizational structure.
  - b. What is the make-up and voting system of the "combined committee"? Is it intended that six persons from the P&E Subcommittee and six persons from the Technical Committee would each have a vote? Further explanation of the "combined committees" concept is needed.
  - c. Would there be a ranking procedure based on criteria or would this simply be a vote by members of the "combined committees", who individually assess criteria?
  - d. If 20 candidate projects are selected for further evaluation, it should be noted that the WVA, Engineering, Economic Work Groups will be evaluating the same number of projects as for PPL-6, but in a shorter time frame (PPL-6: August to April or about eight months versus Proposed: September to January (4-5 months)). Is this enough time?
9. **Reference to Lead Agencies. How and when are lead agencies identified.**
10. **Project Boundaries. It is suggested that the WVA and Engineering Work Groups jointly determine project boundaries.**

Sincerely,



Britt Paul  
Acting  
Assistant State Conservationist  
Water Resources

Page 5  
April 1, 1997

cc: Donald W. Gohmert, State Conservationist, NRCS, Alexandria  
Katherine Vaughan, Assistant Secretary, LDNR, Baton Rouge  
Len Bahr, Executive Assistant for Coastal Resources, Office  
of the Governor, Baton Rouge  
Tom Podany, Chairman P&E Subcommittee, Planning Division,  
U.S. Army Corps of Engineers, New Orleans  
Mark Davis, Coalition to Restore Coastal Louisiana, Baton  
Rouge





COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

APPROVAL OF ACADEMIC ADVISORY GROUP BUDGET  
FOR PRIORITY PROJECT LIST 7

**For Task Force Decision.**

The Task Force will formalize the decision made by facsimile vote on 23 June 1997 in accordance with the Technical Committee's recommendation to approve the Academic Advisory Group budget for the 7th Priority Project List. This budget item had been inadvertently omitted from the Fiscal Year 1997 CWPPRA planning budget. Funds for the Academic Advisory Group are available from the Corps of Engineers Fiscal Year 1997 planning allocation due to the abbreviated 7th Priority Project List selection process.

**Recommendation of the Technical Committee:**

That the Task Force approve the transfer of funds in the amount of \$40,000 from the Corps of Engineers Fiscal Year 1997 planning allocation to the Academic Advisory Group.

*thru LUMCOM*  
Sue Hawes - Add 103K<sub>A</sub> to Joe Suhayda for Feasibility<sub>N</sub> Modeling. Study Hydro.  
Simulate diversions + B.I. restoration.

FY 97 MEMORANDUM OF AGREEMENT  
BETWEEN THE

DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS

AND THE

LOUISIANA UNIVERSITIES MARINE CONSORTIUM

**I. Purpose**

This agreement, between the Department of the Army, hereinafter referred to as the "Corps," represented by the District Engineer, New Orleans District, and the Louisiana Universities Marine Consortium, hereinafter referred to as LUMCON, represented by the Executive Director, is hereby entered into under the authority of the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA).

The Corps has requested professional assistance from LUMCON to provide the expertise of university scientists in various aspects of coastal restoration under CWPPRA. LUMCON is willing to provide the requested services.

**II. Scope of Work**

LUMCON agrees to provide the following services (summarized below and detailed in Attachment I, Plan of Work).

A. Priority Project List #7 Task - provide five scientists to attend initial screening meetings, Wetland Value Assessment (WVA) field trips, WVA group meetings and meetings of the Planning and Evaluation Subcommittee and Technical Committee for final project selection. The scientists will provide advice and assistance to Task Force personnel. The scientists may be requested to assist with planning procedures for the development of PPL#8.

B. Coast 2050 Task - the above scientists may be requested to provide input, as appropriate, to Task Force personnel under the Coast 2050 planning effort.

**III Costs**

Each scientist will receive from one half to one month of salary for their efforts. Travel funds will be paid to the scientists by LUMCON using standard travel vouchers. Travel costs and salaries have been estimated. They cannot be final until personnel are appointed and meeting locations are finalized. All travel reimbursements will comply with current Louisiana state regulations. Project management for this effort will be covered by funds already allocated for Project Management in existing Memoranda of Agreement concerning CWPPRA.

#### **IV Terms of Agreement**

This agreement becomes effective on the date of the last official signature and expires on 30 April 1998.

LUMCON will make known to the Corps the need for any changes to the awarded agreement as soon as possible. Any revisions to the agreement shall be coordinated with the Academic Assistance Subcommittee of the CWPPRA Task Force.

In disputes concerning a question of fact relating specifically to the work to be performed, the decision of the Corps Point of Contact shall be final, subject to appellate review.

The Corps will reimburse LUMCON for expenses as per Attachment 2, Cost Estimate, and all mutually agreed upon expenditures.

The Corps will provide all funds required for completion of the services outlined in the attached Plan of Work. In no case will expenditures be allowed to exceed the funds available. If available funds are exhausted, the Corps will direct LUMCON to stop or suspend work pending final resolution and decision on the course of action necessary.

Should additional funds be required in one of the above tasks (II A and B) LUMCON may rebudget between tasks after consultation with Representative.

This agreement shall be terminated on 30 April 1998; provided that upon thirty (30) days written notice, either party to this agreement may terminate or suspend this agreement without penalty.

#### **V. Liability**

The Corps, its agents and employees assume no responsibility for injury to property or persons resulting from or related to work under this agreement.

#### **VI. Payment**

The Corps, upon acceptance of this agreement, will obligate and reserve \$40,000 for services to be completed under the terms of this agreement. These funds will be furnished to LUMCON on a reimbursable basis as costs are incurred. LUMCON will provide a quarterly billing and accounting to the Corps for agreement costs.

##### **Address for Billing**

Suzanne R. Hawes  
Planning Division  
Corps of Engineers  
P. O. Box 60267  
New Orleans, LA 70160

Payment for billing will be made payable to Louisiana Universities Marine Consortium and mailed to LUMCON, Accounts Receivable, 8421 Highway 56, Chauvin, LA 70344.

Point of Contact for LUMCON project management is Denise Reed 504 851-2800.

Point of Contact for Corps billing and funding is Suzanne R. Hawes 504 862-2518.

DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS

LOUISIANA UNIVERSITIES  
MARINE CONSORTIUM

BY: \_\_\_\_\_  
William L. Conner

BY: \_\_\_\_\_  
Michael J. Dagg, Ph.D.

TITLE: Colonel, District Engineer

TITLE: Executive Director

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

**PLAN OF WORK**  
**FOR**  
**UNIVERSITY SCIENTISTS ASSISTANCE TO**  
**LOUISIANA COASTAL CONSERVATION AND RESTORATION TASK FORCE**

by

**LOUISIANA UNIVERSITIES MARINE CONSORTIUM**  
8124 Hwy. 56  
Chauvin, LA 70344  
Tel. (504) 851-2800 FAX (504) 851-2874

This Plan of Work includes activities to provide scientific assistance to the Louisiana Coastal Conservation and Restoration Task Force (hereinafter 'Task Force'). It has been developed by the Louisiana Universities Marine Consortium (LUMCON) and covers the period through 30 April 1998.

The Chief Project Manager will be the Executive Director of LUMCON, who will appoint a Project Manager to work on the project. The Project Manager (PM) will be responsible for managing the remaining tasks outlined in this Plan of Work, as described below.

**Priority Project List Task**

The development of Priority Project List 7 (PPL7) includes the screening meeting for the initial project selection, Wetland Value Assessment (WVA) field trips, WVA group meetings, and meetings of the Planning and Evaluation Subcommittee and Technical Committee for final project selection. For PPL7 up to five university scientists will participate in these tasks. The scientists will provide advice and assistance to Task Force personnel. The Task Force estimates that there will be approximately 10 projects considered in detail for PPL7. In addition, these scientists may be requested to assist with planning procedures, strategies and protocols for the development of PPL8.

**PPL Task Deliverables:**

The main deliverable for this Task is the direct input provided by the University scientists. No written deliverable will be provided.

**Coast 2050 Task**

The above scientists will be requested to provide input as appropriate to Task Force activities under the Coast 2050 planning effort.

**Coast 2050 Task Deliverables:**

The deliverables for this task will be direct input of the scientists to the Coast 2050 meetings and deliverables. No specific written deliverable will be provided detailing their participation.

**Costs:**

Project management costs for this effort will be covered by funds already allocated for Project Management in existing Memoranda of Agreement concerning CWPPRA. Each participating scientist will receive approximately 1 month of salary for their efforts and travel funds will be paid to the scientists by LUMCON using standard travel vouchers.

**Cost Estimates**

The estimated cost for this plan of work is \$39,612.

Travel costs have been estimated. They cannot be final until personnel are appointed and meeting locations are finalized. All travel reimbursements will comply with current Louisiana state regulations. The costs for salaries and fringe benefits on subcontracted tasks are by necessity estimated. Scientists salaries including fringe benefits and institutional indirect costs. Direct costs will be limited to salaries and fringe benefits. LUMCON indirect costs have been charged at a rate of 40% on direct costs excluding subcontracts (i.e., travel funds). LUMCON will charge an overhead rate of 10% on subcontracted funds.

The Project Manager will over see the budget for the project, and ensure that appropriate documentation of costs is provided. Should an increase in the budget be required, the Project Manager will contact the COTR as soon as these needs are foreseen.

**Cost Estimate 1997 PPL and Coast 2050**

**PPL and Coast**

|   |              |
|---|--------------|
| <b>Travel - mileage, per diem, lodging</b>                        | <b>2000</b>  |
| <b>Subcontracts to scientists inc. fringe and indirect costs</b>  | <b>33465</b> |
| <b>Total Direct Costs</b>   | <b>35465</b> |
| <b>Indirect Costs LUMCON funds and 10% on subcontracted funds</b> | <b>4147</b>  |
| <b>TOTAL COST</b>   | <b>39612</b> |



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

**REPORT ON STATUS OF THE 7TH PRIORITY PROJECT LIST**

**For Information.**

Mr. Tom Podany will brief the Task Force on the status of the development of the 7th Priority Project List.

**CWPPRA PPL-7 Candidate Projects  
Selected by the Planning and Evaluation Subcommittee on  
July 10, 1997**

| Rank | No.              | Name  | Parish                  | Project Type | Federal Sponsor | Total Area                    | Project First Cost (Millions) | Total Points |
|------|------------------|---|-------------------------|--------------|-----------------|-------------------------------|-------------------------------|--------------|
| 1    | PBS-1            | Upper Oak R. FW Introduction Siphon   | Plaquemines             | FD           | NRCS            | 4,760 ac                      | \$3 M                         | 64           |
| 2    | XBA-63,<br>BA-21 | Selected Shoreline Stabilization along Bayous Perot and Rigolettes          | Jefferson/<br>Lafourche | SP           | NRCS            | 60,000 ft                     | \$3 M                         | 61           |
| 3    | PPO-2 d/h        | L. Borgne Shore Protection East and West of Shell Beach                     | St. Bernard             | SP           | COE             | 16,000 ft of shore protection | \$1.6 M                       | 52           |
| 4    | XCS-48<br>(SA-1) | Sabine Refuge Marsh Creation  | Cameron                 | MC           | FWS/COE         | 174 ac                        | \$2.6 M                       | 47           |
| 5    | PO-11            | Cut Off Bayou Marsh Restoration   | Orleans                 | MC/HR        | COE             | 3,915 ac                      | \$3.25 M                      | 43           |
| 6    | XBA 1a<br>"i"    | Vegetative Planting of Dredged Material Disposal Site on Grand Terre Island | Jefferson               | VP           | NMFS            | 100 ac                        | 0.5 to 1 M                    | 38           |
| 7    | TE-11a<br>"ii"   | Lake Pelto Dedicated Dredging at New Cut Closure                            | Terrebonne              | BI           | EPA             | 100 ac                        | \$5.5 M                       | 37           |
| 8    | XTE-62<br>DNR    | Wine Island Extension   | Terrebonne              | BI           | COE             | 50 ac                         | \$1 M                         | 36           |
| 9    | XME-22           | Pecan Island Terracing Project  | Vermilion               | TR           | NMFS            | 1,950 ac                      | \$1.9 M                       | 36           |
| 10   | XME-42           | South Grand Cheniere Freshwater Intro.                                      | Cameron                 | FD           | NRCS            | 6,750 ac                      | \$0.7 M                       | 33           |

**Project Types:**  
 FD= Freshwater Diversion  
 SP= Shoreline Protection  
 MC= Marsh Creation  
 HR= Hydrologic Restoration  
 VP= Vegetative Plantings  
 BI= Barrier Islands  
 TR= Terracing

**Total Cost:**  
 \$23.1-\$23.55 M

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

REPORT ON LOUISIANA COASTAL WETLANDS RESTORATION PLAN  
EVALUATION REPORT

**For Information and Action.**

Mr. Steve Underwood of the Louisiana Department of Natural Resources will report on the status of the evaluation report called for in section 303(b)(7) of the CWPPRA. The Task Force members will be given the opportunity to sign the document.

*77 pages*

*22 Color Figures*

*#13 /report copy.*

*has signature page to be signed by T.F.*

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

**STATUS OF DEVELOPMENT OF THE STATE CONSERVATION PLAN**

**For Information.**

Mr. Norm Thomas will brief the Task Force on the status of the Conservation Plan authorized by section 304 of the CWPPRA.

*Draft being reviewed.*

*B.B.  
Caern.  
B.C.  
Bench.  
384*

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

OUTREACH COMMITTEE REPORT

**For Information.**

Mr. Jim Addison will report on the committee's national outreach program.

has Slide Show to be available in about 1 week.

Dedications - L. Salvador

- Cameron Prairie

Jimmy J. shop - Web Page

Jay Gambell - Attending Parish Mtgs. - Coast 2050

- CDROM - teacher assisting

- B B Display

- Road Show - National + State

- Alabama - Coastal Wetlands Poster - Convert to LA - Plan to order 7K

- Gov Foster's May 1 Ceremony

Col. Conner - Go out to Private Sector, work w/ various interest groups

- how much money do we have? - Jimmy J. could use more; Jay will develop outreach budget. - estimates \$200 - 230K.

Norm - Coast 2050 presentations at ~~Wetlands~~ <sup>Wetlands</sup> Cmte in Wash. White House Wetlands Task Force

Plan to order 7K  
Tim O. suggest more like 20K

# OUTREACH COMMITTEE REPORT

July 23, 1997

- I - Action Item Summary
2. Public Meeting Participation
- 3 . CWPPRA Display-Conventions & Symposiums
- 4, CD-ROM
5. Watermarks
6. Coast 2050
7. Dedications

## 1. Action Item Summary:

- a. The Outreach Coordinator is splitting time between the New Orleans Army Corps of Engineer Public Affairs Office and Baton Rouge (the Governor's Office of Coastal Activities), Several events made this arrangement more effective.- 1) DNR's national media campaign, 2) coordination with other Federal and state agencies, and 3) work on the CD-ROM in Lafayette.
- b. Outreach efforts continue to use the key messages developed by the committee:
  - Sense of Urgency**
  - Sense of Value**
  - Sense of Place**
  - Sense of Commitment**
- c. Dr. Paul Coreil of Louisiana State University-Cooperative Extension Service has delivered the CWPPRA brochure. The brochure has been given wide distribution and is well received. The brochure's distribution has been so good (I 0,000) that it is already in reprint.
- d. The CWPPRA slide show developed by Dr. Paul Coreil is in final draft and should be available for distribution to the CWPPRA agencies in the very near future.
- e. Phyllis Darensbourg of LADNR completed work on the CWPPRA outreach letterhead and folder. Samples have been provided for your review.
- f. Press releases continue to be developed and released on CWPPRA projects and dedications.
- g. The Outreach Committee has formed a workgroup to provide guidance and assistance to the HomePage manager. Committee members have been furnished a username and password to allow them to input activities onto the calendar of events on the Homepage. Hopefully, this will provide greater service to our public customers.

## 2. CWPPRA Public Meeting Participation

The Outreach Coordinator participated in the planning and execution of three public meetings held for Priority Project List 7 (PPL 7), Those meetings were held in Abbeville, Hahnville, and New Orleans. Public involvement at these meetings was very good and numerous projects were

offered for consideration. Attendance was high considering the inclement weather.

### **3. CWPPRA Display-Conventions and Symposiums**

- a. Dr. Rod Emmer, who volunteered to take the CWPPRA tabletop display to the Association of Floodplain Managers National Convention in Little Rock April 27th. Approximately 500 people from around the nation attended this convention and were able to get CWPPRA brochures and Watermarks to take home.
- b. On May 1, the CWPPRA display, along with others from the various Federal and state agencies, were viewed at the Old Statehouse during the Governor's Wetlands Month Celebration.
- c. CWPPRA was at the National Wetlands Month celebration in Alexandria, VA May 7-9) sponsored by Terrenne Institute. Key people at the meeting were Mike Davis (USACE) and Bob Wayland, John Meagher and Phil Osheida (USEPA).
- d. CWPPRA outreach was represented at the Coast Walk activity sponsored by Barataria Terrebonne National Estuary Program and the Coalition to Restore Coastal Louisiana. Approximately 2500 people were in attendance.
- e. The Outreach Coordinator spoke to a group of Upward Bound students at Southeast Louisiana University. The group totaled 120 students from 5 states.
- f. The Outreach Coordinator assisted in the Project WET (Water Education for Teachers) facilitator training for formal and nonformal educators in the Lake Pontchartrain Basin. In the two workshops, approximately 50 people were trained.
- g. CWP.PRA outreach staff assisted at Wildwoods Wandering (Wetlands) 4-H Camp at the Tensas Wildlife Refuge/Poverty Point. Young people from Cameron and Vermillion Parishes were in attendance at the camp.
- h. Outreach committee members are making plans to attend Coastal Zone '97 in Boston, MA.
- i. Coordination is taking place between CWPPRA and LADNR, on the national media campaign- A contact was signed with a public relations firm in New Orleans to provide this service.
- j. A reporter and a camera crew from CNN were in the coastal zone to film footage for an article on Louisiana's coastal wetland loss. Logistics were provided in part by the Outreach Coordinator.

#### **4. CD-ROM**

Outreach committee members continue to assist in the development and production of the CD-ROM which examines the issues of coastal wetlands loss. A middle school teacher was brought on board this summer to write and edit the script into an eighth grade format. CWPPRA, BTNEP and the Audubon Aquarium are co-sponsors. Projected draft completion is fall of 1997. Interest has been expressed in this project from science educators around the nation who attended the National Science Teachers Annual Convention in New Orleans during April of this year.

#### **5. WATERMARKS**

The Summer Issue of Watermarks is being mailed this week. The cover format has been changed to reflect a magazine journal type- There are several feature articles which describe outreach endeavors. The mailing list for Watermarks is constantly expanding.

#### **6. COAST 2050**

Coast 2050 is a regional approach for strategic coastal planning. Outreach committee staff have been actively involved from the beginning in the planning and execution of the parish and regional meetings. The Outreach Coordinator delivered the Coast 2050 message to several parish police juries in the effort to "get the word out" and involve the public in this activity.

#### **7. DEDICATIONS**

The Outreach Committee has participated in CWPPRA project dedications, The following dedications have taken place or are being planned: Point Au Fer Hydrologic Restoration, Lake Salvador Shoreline Protection, Cameron Prairie National Wildlife Refuge Shoreline Protection, Cameron Creole Watershed Hydrologic Restoration, Clear Marais Bank Protection, Cameron-Creole O&M, Sabine National Wildlife Refuge Water Control Structures, Sabine National Wildlife Refuge Shoreline Protection, Bayou Sauvage, Raccoon Island, GIWW-Clovelly, Falgout Canal Demonstration, Timbalier Island Stabilization.



# Highlights of CWPPRA Home Page Accomplishments

Prepared by:

Scott Wilson  
Electronics Engineer  
USGS-National Wetlands Research Center  
Lafayette, LA

Prepared For:

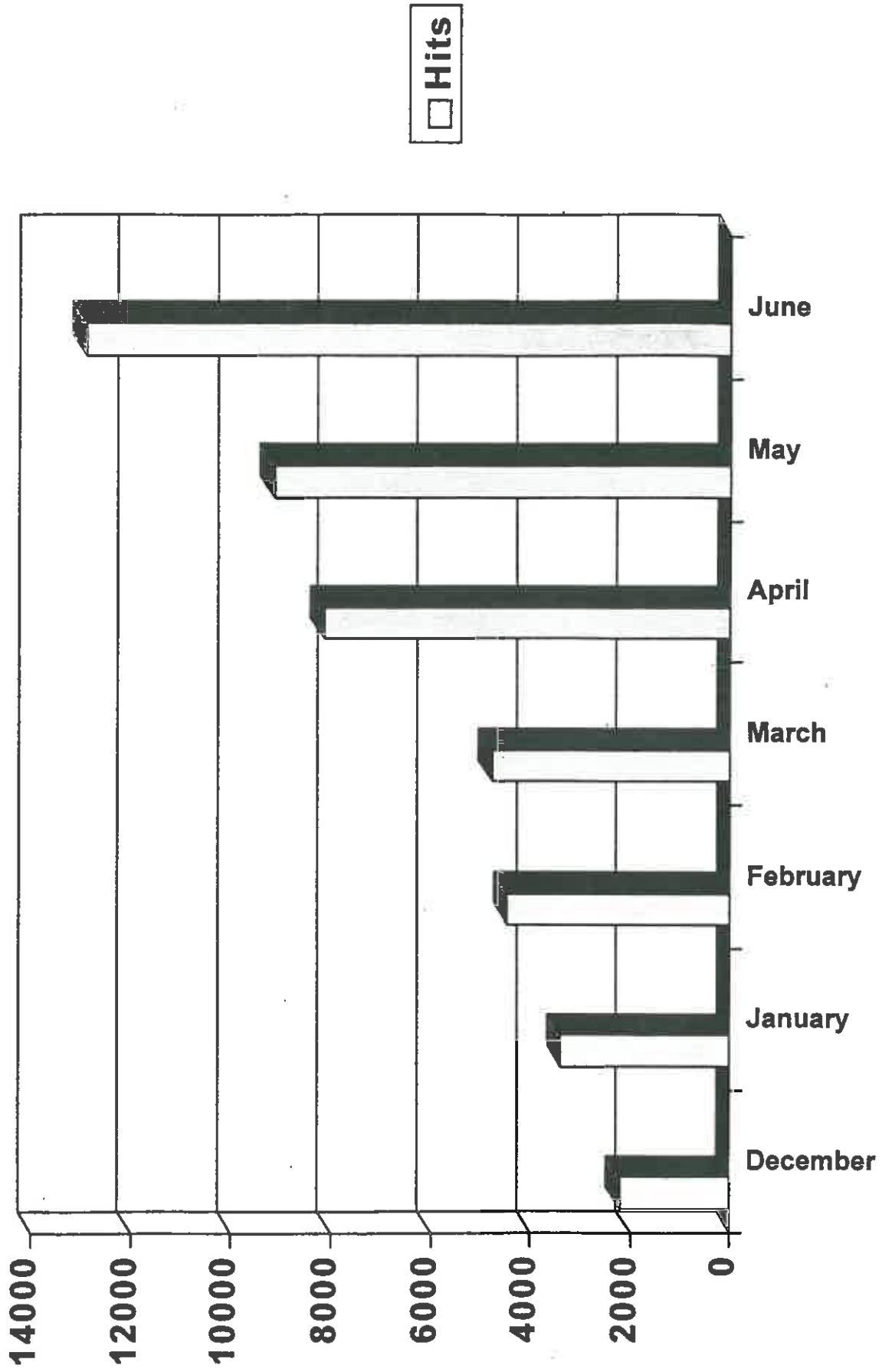
CWPPRA Outreach Committee  
7/16/97

# Web Site Accomplishments

- Renamed LA Coast Feb 30th
- Project Overview
- Monitoring Plans (text)
- Progress Reports
- Links to all Task Force Organization Web Sites
- Electronic Press Releases
- Calendar of Events

- **Watermarks Newsletter in PDF Format**
- **Search Engine For Web Site**
- **Registered with Internet Search Engines  
(Alta Vista, Lycos, etc.)**
- **Aerial Photography For Completed Sites**

# Number of Requests for the CWPPRA Web Site





# Louisiana Coastal Wetlands Online...

The CWPPRA (Louisiana) Home Page contains a wealth of information about one of the largest coastal wetland restoration challenges in the world. Located on the Home Page are over 200 megabytes of reports, maps, and imagery concerning the coastal wetlands preservation program in Louisiana, including:

- Project Overviews
- Monitoring Plans
- Progress Reports
- Aerial Photography
- Louisiana Land Loss Maps
- Causes of Wetland Loss
- Restoration Plans and Updates
- Watermarks - CWPPRA Newsletters
- Press Releases
- Calendar of Events

Louisiana is blessed with an abundance of natural resources, including 40% of the United States coastal wetlands. This fragile environment is disappearing at a rate of 35 square miles a year! In response, Congress funded the CWPPRA which will help Louisiana save its coastal wetlands. Find out more at...

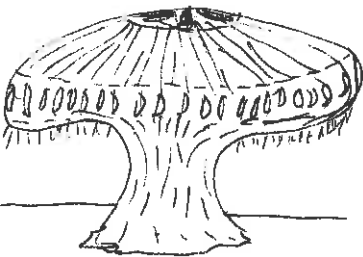
**<http://www.LAcoast.gov>**

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

STATUS OF FEASIBILITY STUDIES

**For Information.**

Mr. Tom Podany will report to the Task Force on the status of the Louisiana Barrier Shoreline study and the Mississippi River Diversion study. Enclosed are fact sheets for the two studies.



CELMN-PD-FE

FACT SHEET  
NEW ORLEANS DISTRICT

**SUBJECT:** Mississippi River Sediment, Nutrient and Freshwater Redistribution Study

1. **PURPOSE:** To determine means to quantify and optimize the available resources of the Mississippi River to create, protect and enhance coastal wetlands and dependent fish and wildlife populations in coastal Louisiana. To plan, design, evaluate and recommend for construction projects utilizing the natural resources of the Mississippi River in order to abate continuing measured loss of this habitat and restore a component of wetland growth.

2. **FACTS:**

a. Status.

i. **Tasks Completed:** Initial analyses completed include land use, habitat type and land loss, endangered and threatened species documentation, and existing water supply demand. Spatial distribution of these parameters has also been developed for the study area. The development of concept plan receiving area footprints are being completed. Basic structure sizings, channel and levee requirements are being developed for each plan as the hydraulics is completed. Hydraulic modeling of riverine impacts for multi-diversion combinations is complete. A quality assurance review of the model was completed and H&H Branch review of the output is underway. A workshop to address issues stemming from project scope, sponsorship, implementation and operational complexity was held in mid Mar 97. Attendees reach consensus on a number of points although there was serious discussion over several technical issues. The principal points to emerge from this workshop were that: 1. Diversions are necessary to achieve any measure of large scale land rebuilding, 2. While a condition of no net loss may be attainable it will be within the context of a much smaller ecosystem than we recognize today, and 3. Execution of whatever the ultimate plan for coastal restoration might be will require the modification of some socio-economic activities.

ii. **Tasks Underway:** Data and design information development for the intermediate concept plans are underway. Tasks involving the development of future without action conditions are being initiated through the MOA with LUMCON. Real Estate cost estimates for the individual alternatives are being developed.

iii. **Budget:** The current total time and cost estimate calls for a study duration of 41 months and a cost of \$4.1 million, including 25 percent contingencies. The Task Force also established a steering committee to oversee and coordinate all CWPPRA funded studies and approve the study scopes and estimates. The breakdown of the study indicates critical funding needs for FY-97.

|                                   |             |
|-----------------------------------|-------------|
| Total Estimated Cost (100% Fed)   | \$4,082,500 |
| Allocated through FY 1995         | \$919,000   |
| Allocated for FY 1996             | \$993,400   |
| Allocated for FY 1997             | \$1,395,000 |
| Balance to Complete After FY 1997 | \$775,100   |

Study on

Schedule

Final Report due

Dec 98

b. Issues.

i. A high level of participation by diverse interests has been identified throughout the CWPPRA effort as a critical need for the success of the planning process. This expanded involvement is necessary in order to achieve collectively acceptable solutions throughout the study process.

ii. Coordination of existing water resources uses is, and will continue to be, a major issue in project development. While specific measures may not effect all uses uniformly, or on a consistent annual or seasonal basis, it should be anticipated that some use will be impacted for virtually every action.

iii. Legal issues involving outputs that would be commonly measured as benefits will also require attention. There are numerous liability issues stemming from proprietary interests, assumed or real, in surface conditions as related to specific user interests.

iv. The composite of these issues has a direct effect on the local sponsors ability and willingness to participate in these projects. The resultant project and legal costs and operational conflicts can potentially be a deterrent to local sponsorship.

c. Study Authority. This study was authorized by the Louisiana Coastal Wetlands Conservation and Restoration Task Force established under the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA) and is funded with CWPPRA planning funds. The Corps of Engineers was directed by the Task Force to be the lead agency in the execution of this study.

d. Location. The study area is comprised of the entire Mississippi River Deltaic Plain, from the East Atchafalaya Basin Protection Levee eastward to the Louisiana-Mississippi state border. The area is bounded to the south by the Gulf of Mexico. The area encompasses approximately 6.4 million acres or 10,000 square miles.

e. Problems and Solutions Being Investigated. The study will investigate existing modifications to natural deltaic processes and resultant loss of coastal wetlands and assess potential uses of the sediment, nutrient and freshwater resources found in the Mississippi River to modify or reverse these trends. Hydraulic modeling will be used to establish the availability of the riverine resources which are to be applied and the effect of reallocation of these resources. After an intermediate screening, lump sum component costs, unit habitat outputs, and the value of resultant attendant resource outputs will be developed. Habitat output will be developed by means of a Wetland Value Assessment model. Alternative analysis will be accomplished primarily with existing information. Economic evaluation of the intermediate alternatives will consider positive and negative National Economic Development type impacts as credits and debits toward the cost of each alternative. The final recommendations will be based on the evaluation of environmental outputs versus costs of an alternative as described in Draft EC 1105-2-206.

STUDY MANAGER:

TIM AXTMAN, (504) 862-1921



July 21, 1997

## PROJECT FACT SHEET

**PROJECT:** Louisiana Barrier Shoreline Feasibility Study

1. **PURPOSE:** To assess and quantify wetland loss problems linked to protection provided by barrier formations along the Louisiana coast. The study will identify solutions to these problems, attach an estimated cost to these solutions, and determine the barrier configuration which will best protect Louisiana's significant coastal resources from saltwater intrusion, storm surges, wind/wave activity and oil spills. These resources include, but are not limited to, oil and gas production and exploration facilities, the Strategic Petroleum Reserve, pipelines, navigable waterways, and fragile estuarine and island habitats.

### 2. **FACTS:**

a. **Study Authority.** This study is authorized pursuant to the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA). The study is funded by 100 percent federal funds from the CWPPRA planning budget. The CWPPRA Task Force, which implements the Act, directed the Louisiana Department of Natural Resources to be the lead agency for the barrier shoreline feasibility study. The Louisiana Governor's Office of Coastal Activities also assists in the implementation of the study. A steering committee composed of federal agency representatives provides input and oversight to the study.

b. **Location.** The study area encompasses the barrier shoreline formations between the Mississippi and Atchafalaya Rivers, the chenier plain barrier formations in Vermilion and Cameron Parishes, and the Chandeleur Islands.

c. **Problems and Solutions Being Investigated.** The study will investigate coastal wetland loss linked to barrier shoreline deterioration.

d. **Status.** A contract for the feasibility study was let to T. Baker Smith and Sons of Houma, Louisiana. Funds for year one (\$1,007,000) were approved by the Task Force at the June 1995 meeting.

The three year study is broken into three geographic phases. Phase 1 (year 1) focuses on the region between Raccoon Point and the Mississippi River. Phase 2 (year 2) focuses on the chenier plain. Phase 3 (year 3) focuses on the Chandeleur Islands, the Lake Pontchartrain/Lake Borgne land bridge, and the coastal wetlands east of the Mississippi River.

The feasibility study will generate the following information for each phase: A. Review of prior studies, reports, and existing projects; B. Conceptual

and quantitative system framework; C. Assessment of resource status and trends; D. Inventory and assessment of physical conditions and parameters; E. Inventory and assessment of existing environmental resource conditions; F. Inventory and assessment of existing economic resource conditions; G. Forecast trends in physical and hydrological conditions with no action; H. Forecast trends in environmental resource conditions with no action; I. Formulation of strategic options; J. Assessment of strategic options; K. Identification and assessment of management and engineering alternatives; L. Description and rationale for the selected plans; M. Project implementation plans and; N. Final report and EIS collaboration.

All deliverables up to and including Step G and Step I have been completed and submitted for Steering Team review. Hydrologic modeling efforts are ongoing. The No-Action Scenario is near completion and preliminary incomplete drafts of the Step H report have been circulated for agency comment. A complete draft of Step H was expected by early May but has not been delivered to date. The contractor is currently preparing the Step H report.

The following is an estimated schedule for delivery of draft reports on the remaining step deliverables.

Step H - early August, 1997 F w/o  
 Step K - mid-August, 1997 *alts - Id + assess*  
 Step J - early September, 1997 *Assess. alt + Impacts*  
 Step L - late September, 1997 *Select Plan*  
 Step M - October, 1997 *Implementation Plan*  
 Step N - November, 1997 *Final Rept + EIS Collaboration*

*3 mo. Schedule Slip due to modeling delays.*

Total estimated cost (100% federal) \$3,775,000

Allocated for FY 95 \$1,007,000

Allocated for FY 96 \$704,000

Allocated for FY 97 \$418,000

Request for FY 98 \$1,646,000 - Phase II + III } #800K

*Steve Smith  
 - needs certainty in terms of Phase II + III.  
 - requested add fun to complete Phase still w/in orig. bud*

e. Issues. The potential use of Ship Shoal sand in rebuilding the barrier islands has meant that Minerals Management Service (MMS), the agency which manages minerals on federal property, must be consulted for EIS work. A contract for an EIS has been let and managed by the MMS with the input of the other CWPPRA agencies. The Department of Natural Resources, the National Marine Fisheries Service, and the MMS have signed a Memorandum of Agreement which assigns responsibility to the agencies in completing the EIS. The EIS effort is currently on hold pending the outcome of the Phase 1 and a determination of the economic effectiveness of using Ship Shoal as a sediment source for island restoration.

*TF directed to turn Phase II + 3 over to steering com for a rec. to TF in time for budget.*

This study is funded as part of the CWPPRA planning budget. Shortfalls in the FY97 planning budget have resulted in decreased funding levels for the study in FY97 that will result in delaying the initiation of the Phase 2 (Chenier Plain) study until Phase 1 is completed.

**STUDY MANAGER:** Steven Gammill, Louisiana Department of Natural Resources, (504) 342-0981

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

ADDITIONAL AGENDA ITEMS

**For Information.**

Each Task Force member has the opportunity at this point to propose additional items or issues for the consideration of the Task Force.

- Len - Steyer's monitoring program recommendations.
- what to do about taking direction based on ~~monitoring~~ <sup>monitoring</sup> results.
  - Bill rec. move to Basin-wide monitoring program
  - Steve Underwood:- explained data management.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

**REQUEST FOR PUBLIC COMMENTS**

The Task Force chairman will offer members of the public an opportunity to comment on issues of concern.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT  
TASK FORCE MEETING  
23 July 1997

**DATE AND LOCATION OF THE NEXT TASK FORCE MEETING**

**Recommendation for Task Force Approval:**

DATE: 17 Sep 1997  
TIME: 9:30 a.m.  
LOCATION: Louisiana Room  
Louisiana Department of  
Wildlife and Fisheries Bldg.  
2000 Quail Dr.  
Baton Rouge, Louisiana

COASTAL WETLANDS PLANNING, PROTECTION, & RESTORATION ACT  
Public Law 101-686, Title III

**SECTION 303. Priority Louisiana Coastal Wetlands Restoration Projects.**

- **Section 303a. Priority Project List.**
  - NLT 13 Jan 91, Sec. of the Army (Secretary) will convene a Task Force
    - Secretary
    - Administrator, EPA
    - Governor, Louisiana
    - Secretary, Interior
    - Secretary, Agriculture
    - Secretary, Commerce
  - NLT 28 Nov 91, Task Force will prepare and transmit to Congress a Priority List of wetland restoration projects based on cost effectiveness and wetland quality
  - Priority List is revised and submitted annually as part of President's budget.
- **Section 303b. Federal and State Project Planning.**
  - NLT 28 Nov 93, Task Force will prepare a comprehensive coastal wetlands Restoration Plan for Louisiana.
  - Restoration Plan will consist of a list of wetland projects, ranked by cost effectiveness and wetland quality.
  - Completed Restoration Plan will become Priority List.
  - Secretary will ensure that navigation and flood control projects are consistent with the purpose of the Restoration Plan.
  - Upon submission of the Restoration Plan to Congress, the Task Force will conduct a scientific evaluation of the completed wetland restoration projects every 3 years and report the findings to Congress.

**SECTION 304. Louisiana Coastal Wetlands Conservation Planning.**

- Secretary, Administrator, EPA; and Director, USFWS will:
  - Sign an agreement with the Governor specifying how Louisiana will develop and implement the Conservation Plan.
  - Approve the Conservation Plan.
  - Provide Congress with periodic status reports on Plan implementation.
- NLT 3 years after agreement is signed, Louisiana will develop a Wetland Conservation Plan to achieve no net loss of wetlands resulting from development.

**SECTION 305. National Coastal Wetlands Conservation Grants.**

- Director, USFWS, will make matching grants to any coastal state to implement Wetland Conservation Projects (projects to acquire, restore, manage, and enhance real property interest in coastal lands and waters).
- Cost sharing is 50% Federal / 50% State \*

**SECTION 306. Distribution of Appropriations.**

- 70% of annual appropriations not to exceed (NTE) \$70 million used as follows:
  - NTE \$15 million to fund Task Force completion of Priority List and Restoration Plan -- Secretary disburses funds.
  - NTE \$10 million to fund 75% of Louisiana's cost to complete Conservation Plan -- Administrator disburses funds.
  - Balance to fund wetland restoration projects at 75% Federal/ 25% Louisiana \*\* Secretary disburses funds.
- 15% of annual appropriations, NTE \$15 million for Wetland Conservation Grants -- Director, USFWS disburses funds.
- 15% of annual appropriations, NTE \$15 million for projects authorized by the National American Wetlands Conservation Act - Secretary, Interior disburses funds.

**SECTION 307. Additional Authority for the Corps of Engineers.**

- **Section 307a. Secretary authorized to:**
  - Carry out projects to protect, restore, and enhance wetlands and aquatic/coastal ecosystems.
- **Section 307b. Secretary authorized and directed to study feasibility of modifying MR&T to increase flows and sediment to the Atchafalaya River for land building wetland nourishment.**
  - 25% if the state has dedicated trust fund from which principal is not spent.
  - 15% when Louisiana's Conservation Plan is approved.

## TITLE III--WETLANDS

### Sec. 301. SHORT TITLE.

This title may be cited as the "Coastal Wetlands Planning, Protection and Restoration Act".

### Sec. 302. DEFINITIONS.

As used in this title, the term--

- (1) "Secretary" means the Secretary of the Army;
- (2) "Administrator" means the Administrator of the Environmental Protection Agency;
- (3) "development activities" means any activity, including the discharge of dredged or fill material, which results directly in a more than de minimus change in the hydrologic regime, bottom contour, or the type, distribution or diversity of hydrophytic vegetation, or which impairs the flow, reach, or circulation of surface water within wetlands or other waters;
- (4) "State" means the State of Louisiana;
- (5) "coastal State" means a State of the United States in, or bordering on, the Atlantic, Pacific, or Arctic Ocean, the Gulf of Mexico, Long Island Sound, or one or more of the Great Lakes; for the purposes of this title, the term also includes Puerto Rico, the Virgin Islands, Guam, the Commonwealth of the Northern Mariana Islands, and the Trust Territories of the Pacific Islands, and American Samoa;
- (6) "coastal wetlands restoration project" means any technically feasible activity to create, restore, protect, or enhance coastal wetlands through sediment and freshwater diversion, water management, or other measures that the Task Force finds will significantly contribute to the long-term restoration or protection of the physical, chemical and biological integrity of coastal wetlands in the State of Louisiana, and includes any such activity authorized under this title or under any other provision of law, including, but not limited to, new projects, completion or expansion of existing or on-going projects, individual phases, portions, or components of projects and operation, maintenance and rehabilitation of completed projects; the primary purpose of a "coastal wetlands restoration project" shall not be to provide navigation, irrigation or flood control benefits;
- (7) "coastal wetlands conservation project" means--
  - (A) the obtaining of a real property interest in coastal lands or waters, if the obtaining of such interest is subject to terms and conditions that will ensure that the real property will be administered for the long-term conservation of such lands and waters and the hydrology, water quality and fish and wildlife dependent thereon; and
  - (B) the restoration, management, or enhancement of coastal wetlands ecosystems if such restoration,



management, or enhancement is conducted on coastal lands and waters that are administered for the long-term conservation of such lands and waters and the hydrology, water quality and fish and wildlife dependent thereon;

(8) "Governor" means the Governor of Louisiana;

(9) "Task Force" means the Louisiana Coastal Wetlands Conservation and Restoration Task Force which shall consist of the Secretary, who shall serve as chairman, the Administrator, the Governor, the Secretary of the Interior, the Secretary of Agriculture and the Secretary of Commerce; and

(10) "Director" means the Director of the United States Fish and Wildlife Service.

### SEC. 303. PRIORITY LOUISIANA COASTAL WETLANDS RESTORATION PROJECTS.

#### (a) PRIORITY PROJECT LIST.--

(1) PREPARATION OF LIST.--Within forty-five days after the date of enactment of this title, the Secretary shall convene the Task Force to initiate a process to identify and prepare a list of coastal wetlands restoration projects in Louisiana to provide for the long-term conservation of such wetlands and dependent fish and wildlife populations in order of priority, based on the cost-effectiveness of such projects in creating, restoring, protecting, or enhancing coastal wetlands, taking into account the quality of such coastal wetlands, with due allowance for small-scale projects necessary to demonstrate the use of new techniques or materials for coastal wetlands restoration.

(2) TASK FORCE PROCEDURES.--The Secretary shall convene meetings of the Task Force as appropriate to ensure that the list is produced and transmitted annually to the Congress as required by this subsection. If necessary to ensure transmittal of the list on a timely basis, the Task Force shall produce the list by a majority vote of those Task Force members who are present and voting; except that no coastal wetlands restoration project shall be placed on the list without the concurrence of the lead Task Force member that the project is cost effective and sound from an engineering perspective. Those projects which potentially impact navigation or flood control on the lower Mississippi River System shall be constructed consistent with section 304 of this Act.

(3) TRANSMITTAL OF LIST.--No later than one year after the date of enactment of this title, the Secretary shall transmit to the Congress the list of priority coastal wetlands restoration projects required by paragraph (1) of this subsection. Thereafter, the list shall be updated annually by the Task Force members and transmitted by the Secretary to the Congress as part of the President's annual budget submission. Annual transmittals of the list to the Congress shall include a status report on each project and a statement from the Secretary of the Treasury indicating the amounts available for expenditure to carry out this title.

(4) LIST OF CONTENTS.--

(A) AREA IDENTIFICATION; PROJECT DESCRIPTION--The list of priority coastal wetlands restoration projects shall include, but not be limited to--

(i) identification, by map or other means, of the coastal area to be covered by the coastal wetlands restoration project; and

(ii) a detailed description of each proposed coastal wetlands restoration project including a justification for including such project on the list, the proposed activities to be carried out pursuant to each coastal wetlands restoration project, the benefits to be realized by such project, the identification of the lead Task Force member to undertake each proposed coastal wetlands restoration project and the responsibilities of each other participating Task Force member, an estimated timetable for the completion of each coastal wetlands restoration project, and the estimated cost of each project.

(B) PRE-PLAN.--Prior to the date on which the plan required by subsection (b) of this section becomes effective, such list shall include only those coastal wetlands restoration projects that can be substantially completed during a five-year period commencing on the date the project is placed on the list.

(C) Subsequent to the date on which the plan required by subsection (b) of this section becomes effective, such list shall include only those coastal wetlands restoration projects that have been identified in such plan.

(5) FUNDING.--The Secretary shall, with the funds made available in accordance with section 306 of this title, allocate funds among the members of the Task Force based on the need for such funds and such other factors as the Task Force deems appropriate to carry out the purposes of this subsection.

(b) FEDERAL AND STATE PROJECT PLANNING.--

(1) PLAN PREPARATION.--The Task Force shall prepare a plan to identify coastal wetlands restoration projects, in order of priority, based on the cost-effectiveness of such projects in creating, restoring, protecting, or enhancing the long-term conservation of coastal wetlands, taking into account the quality of such coastal wetlands, with due allowance for small-scale projects necessary to demonstrate the use of new techniques or materials for coastal wetlands restoration. Such restoration plan shall be completed within three years from the date of enactment of this title.

(2) PURPOSE OF THE PLAN.--The purpose of the restoration plan is to develop a comprehensive approach to restore and prevent the loss of, coastal wetlands in Louisiana. Such plan shall coordinate and integrate coastal wetlands restoration projects in a manner that will ensure the long-term conservation of the coastal wetlands of Louisiana.

(3) INTEGRATION OF EXISTING PLANS.--In developing the restoration plan, the Task Force shall seek to integrate the "Louisiana Comprehensive Coastal Wetlands Feasibility Study"

conducted by the Secretary of the Army and the "Coastal Wetlands Conservation and Restoration Plan" prepared by the State of Louisiana's Wetlands Conservation and Restoration Task Force.

(4) ELEMENTS OF THE PLAN.--The restoration plan developed pursuant to this subsection shall include--

(A) identification of the entire area in the State that contains coastal wetlands;

(B) identification, by map or other means, of coastal areas in Louisiana in need of coastal wetlands restoration projects;

(C) identification of high priority coastal wetlands restoration projects in Louisiana needed to address the areas identified in subparagraph (B) and that would provide for the long-term conservation of restored wetlands and dependent fish and wildlife populations;

(D) a listing of such coastal wetlands restoration projects, in order of priority, to be submitted annually, incorporating any project identified previously in lists produced and submitted under subsection (a) of this section;

(E) a detailed description of each proposed coastal wetlands restoration project, including a justification for including such project on the list;

(F) the proposed activities to be carried out pursuant to each coastal wetlands restoration project;

(G) the benefits to be realized by each such project;

(H) an estimated timetable for completion of each coastal wetlands restoration project;

(I) an estimate of the cost of each coastal wetlands restoration project;

(J) identification of a lead Task Force member to undertake each proposed coastal wetlands restoration project listed in the plan;

(K) consultation with the public and provision for public review during development of the plan; and

(L) evaluation of the effectiveness of each coastal wetlands restoration project in achieving long-term solutions to arresting coastal wetlands loss in Louisiana.

(5) PLAN MODIFICATION.--The Task Force may modify the restoration plan from time to time as necessary to carry out the purposes of this section.

(6) PLAN SUBMISSION.--Upon completion of the restoration plan, the Secretary shall submit the plan to the Congress. The restoration plan shall become effective ninety days after the date of its submission to the Congress.

(7) PLAN EVALUATION.--Not less than three years after the completion and submission of the restoration plan required by this subsection and at least every three years thereafter, the Task Force shall provide a report to the Congress containing a scientific evaluation of the effectiveness of the coastal wetlands restoration projects carried out under the plan in creating, restoring, protecting and enhancing coastal wetlands in Louisiana.

(c) COASTAL WETLANDS RESTORATION PROJECT BENEFITS.--Where such a determination is required under applicable law, the net ecological, aesthetic, and cultural benefits, together with the economic benefits, shall be deemed to exceed the costs of any coastal wetlands restoration project within the State which the Task Force finds to contribute significantly to wetlands restoration.

(d) CONSISTENCY.--(1) In implementing, maintaining, modifying, or rehabilitating navigation, flood control or irrigation projects, other than emergency actions, under other authorities, the Secretary, in consultation with the Director and the Administrator, shall ensure that such actions are consistent with the purposes of the restoration plan submitted pursuant to this section.

(2) At the request of the Governor of the State of Louisiana, the Secretary of Commerce shall approve the plan as an amendment to the State's coastal zone management program approved under section 306 of the Coastal Zone Management Act of 1972 (16 U.S.C. 1455).

(e) FUNDING OF WETLANDS RESTORATION PROJECTS.--The Secretary shall, with the funds made available in accordance with this title, allocate such funds among the members of the Task Force to carry out coastal wetlands restoration projects in accordance with the priorities set forth in the list transmitted in accordance with this section. The Secretary shall not fund a coastal wetlands restoration project unless that project is subject to such terms and conditions as necessary to ensure that wetlands restored, enhanced or managed through that project will be administered for the long-term conservation of such lands and waters and dependent fish and wildlife populations.

(f) COST-SHARING.--

(1) FEDERAL SHARE.--Amounts made available in accordance with section 306 of this title to carry out coastal wetlands restoration projects under this title shall provide 75 percent of the cost of such projects.

(2) FEDERAL SHARE UPON CONSERVATION PLAN APPROVAL.-- Notwithstanding the previous paragraph, if the State develops a Coastal Wetlands Conservation Plan pursuant to this title, and such conservation plan is approved pursuant to section 304 of this title, amounts made available in accordance with section 306 of this title for any coastal wetlands restoration project under this section shall be 85 percent of the cost of the project. In the event that the Secretary, the Director, and the Administrator jointly determine that the State is not taking reasonable steps to implement and administer a conservation plan developed and approved pursuant to this title, amounts made available in accordance with section 306 of this title for any coastal wetlands restoration project shall revert to 75 percent of the cost of the project: Provided, however, that such reversion to the lower cost share level shall not occur until the Governor, has been provided notice of, and opportunity for hearing on, any such determination by the Secretary, the Director, and Administrator, and the State has been given ninety days from such notice or hearing to take corrective action.

(3) FORM OF STATE SHARE.--The share of the cost required of the State shall be from a non-Federal source. Such State share shall consist of a cash contribution of not less than 5 percent of the cost of the project. The balance of such State share may take the form of lands, easements, or right-of-way, or any other form of in-kind contribution determined to be appropriate by the lead Task Force member.

(4) Paragraphs (1), (2), and (3) of this subsection shall not affect the existing cost-sharing agreements for the following projects: Caernarvon Freshwater Diversion, Davis Pond Freshwater Diversion, and Bonnet Carre Freshwater Diversion.

#### SEC. 304. LOUISIANA COASTAL WETLANDS CONSERVATION PLANNING.

##### (a) DEVELOPMENT OF CONSERVATION PLAN.--

(1) AGREEMENT.--The Secretary, the Director, and the Administrator are directed to enter into an agreement with the Governor, as set forth in paragraph (2) of this subsection, upon notification of the Governor's willingness to enter into such agreement.

##### (2) TERMS OF AGREEMENT.--

(A) Upon receiving notification pursuant to paragraph (1) of this subsection, the Secretary, the Director, and the Administrator shall promptly enter into an agreement (hereafter in this section referred to as the "agreement") with the State under the terms set forth in subparagraph (B) of this paragraph.

##### (B) The agreement shall--

(i) set forth a process by which the State agrees to develop, in accordance with this section, a coastal wetlands conservation plan (hereafter in this section referred to as the "conservation plan");

(ii) designate a single agency of the State to develop the conservation plan;

(iii) assure an opportunity for participation in the development of the conservation plan, during the planning period, by the public and by Federal and State agencies;

(iv) obligate the State, not later than three years after the date of signing the agreement, unless extended by the parties thereto, to submit the conservation plan to the Secretary, the Director, and the Administrator for their approval; and

(v) upon approval of the conservation plan, obligate the State to implement the conservation plan.

(3) GRANTS AND ASSISTANCE.--Upon the date of signing the agreement--

(A) the Administrator shall, in consultation with the Director, with the funds made available in accordance with section 306 of this title, make grants during the development of the conservation plan to assist the designated State agency in developing such plan. Such

grants shall not exceed 75 percent of the cost of developing the plan; and

(B) the Secretary, the Director, and the Administrator shall provide technical assistance to the State to assist it in the development of the plan.

(b) CONSERVATION PLAN GOAL.--If a conservation plan is developed pursuant to this section, it shall have a goal of achieving no net loss of wetlands in the coastal areas of Louisiana as a result of development activities initiated subsequent to approval of the plan, exclusive of any wetlands gains achieved through implementation of the preceding section of this title.

(c) ELEMENTS OF CONSERVATION PLAN.--The conservation plan authorized by this section shall include--

(1) identification of the entire coastal area in the State that contains coastal wetlands;

(2) designation of a single State agency with the responsibility for implementing and enforcing the plan;

(3) identification of measures that the State shall take in addition to existing Federal authority to achieve a goal of no net loss of wetlands as a result of development activities, exclusive of any wetlands gains achieved through implementation of the preceding section of this title;

(4) a system that the State shall implement to account for gains and losses of coastal wetlands within coastal areas for purposes of evaluating the degree to which the goal of no net loss of wetlands as a result of development activities in such wetlands or other waters has been attained;

(5) satisfactory assurance that the State will have adequate personnel, funding, and authority to implement the plan;

(6) a program to be carried out by the State for the purpose of educating the public concerning the necessity to conserve wetlands;

(7) a program to encourage the use of technology by persons engaged in development activities that will result in negligible impact on wetlands; and

(8) a program for the review, evaluation, and identification of regulatory and nonregulatory options that will be adopted by the State to encourage and assist private owners of wetlands to continue to maintain those lands as wetlands.

(d) APPROVAL OF CONSERVATION PLAN.--

(1) IN GENERAL.--If the Governor submits a conservation plan to the Secretary, the Director, and the Administrator for their approval, the Secretary, the Director, and the Administrator shall, within one hundred and eighty days following receipt of such plan, approve or disapprove it.

(2) APPROVAL CRITERIA.--The Secretary, the Director, and the Administrator shall approve a conservation plan submitted by the Governor, if they determine that -

(A) the State has adequate authority to fully implement all provisions of such a plan;

(B) such a plan is adequate to attain the goal of no net loss of coastal wetlands as a result of development activities and complies with the other requirements of this section; and

(C) the plan was developed in accordance with terms of the agreement set forth in subsection (a) of this section.

(e) MODIFICATION OF CONSERVATION PLAN.--

(1) NONCOMPLIANCE.--If the Secretary, the Director, and the Administrator determine that a conservation plan submitted by the Governor does not comply with the requirements of subsection (d) of this section, they shall submit to the Governor a statement explaining why the plan is not in compliance and how the plan should be changed to be in compliance.

(2) RECONSIDERATION.--If the Governor submits a modified conservation plan to the Secretary, the Director, and the Administrator for their reconsideration, the Secretary, the Director, and Administrator shall have ninety days to determine whether the modifications are sufficient to bring the plan into compliance with requirements of subsection (d) of this section.

(3) APPROVAL OF MODIFIED PLAN.--If the Secretary, the Director, and the Administrator fail to approve or disapprove the conservation plan, as modified, within the ninety-day period following the date on which it was submitted to them by the Governor, such plan, as modified, shall be deemed to be approved effective upon the expiration of such ninety-day period.

(f) AMENDMENTS TO CONSERVATION PLAN.--If the Governor amends the conservation plan approved under this section, any such amended plan shall be considered a new plan and shall be subject to the requirements of this section; except that minor changes to such plan shall not be subject to the requirements of this section.

(g) IMPLEMENTATION OF CONSERVATION PLAN.--A conservation plan approved under this section shall be implemented as provided therein.

(h) FEDERAL OVERSIGHT.--

(1) INITIAL REPORT TO CONGRESS.--Within one hundred and eighty days after entering into the agreement required under subsection (a) of this section, the Secretary, the Director, and the Administrator shall report to the Congress as to the status of a conservation plan approved under this section and the progress of the State in carrying out such a plan, including and accounting, as required under subsection (c) of this section, of the gains and losses of coastal wetlands as a result of development activities.

(2) REPORT TO CONGRESS.--Twenty-four months after the initial one hundred and eighty day period set forth in paragraph (1), and at the end of each twenty-four-month period thereafter, the Secretary, the Director, and the Administrator shall, report to the Congress on the status of the conservation plan and provide an evaluation of the effectiveness of the plan in meeting the goal of this section.

### SEC. 305 NATIONAL COASTAL WETLANDS CONSERVATION GRANTS.

(a) MATCHING GRANTS.--The Director shall, with the funds made available in accordance with the next following section of this title, make matching grants to any coastal State to carry out

coastal wetlands conservation projects from funds made available for that purpose.

(b) PRIORITY.--Subject to the cost-sharing requirements of this section, the Director may grant or otherwise provide any matching moneys to any coastal State which submits a proposal substantial in character and design to carry out a coastal wetlands conservation project. In awarding such matching grants, the Director shall give priority to coastal wetlands conservation projects that are--

(1) consistent with the National Wetlands Priority Conservation Plan developed under section 301 of the Emergency Wetlands Resources Act (16 U.S.C. 3921); and

(2) in coastal States that have established dedicated funding for programs to acquire coastal wetlands, natural areas and open spaces. In addition, priority consideration shall be given to coastal wetlands conservation projects in maritime forests on coastal barrier islands.

(c) CONDITIONS.--The Director may only grant or otherwise provide matching moneys to a coastal State for purposes of carrying out a coastal wetlands conservation project if the grant or provision is subject to terms and conditions that will ensure that any real property interest acquired in whole or in part, or enhanced, managed, or restored with such moneys will be administered for the long-term conservation of such lands and waters and the fish and wildlife dependent thereon.

(d) COST-SHARING.--

(1) FEDERAL SHARE.--Grants to coastal States of matching moneys by the Director for any fiscal year to carry out coastal wetlands conservation projects shall be used for the payment of not to exceed 50 percent of the total costs of such projects: except that such matching moneys may be used for payment of not to exceed 75 percent of the costs of such projects if a coastal State has established a trust fund, from which the principal is not spent, for the purpose of acquiring coastal wetlands, other natural area or open spaces.

(2) FORM OF STATE SHARE.--The matching moneys required of a coastal State to carry out a coastal wetlands conservation project shall be derived from a non-Federal source.

(3) IN-KIND CONTRIBUTIONS.--In addition to cash outlays and payments, in-kind contributions of property or personnel services by non-Federal interests for activities under this section may be used for the non-Federal share of the cost of those activities.

(e) PARTIAL PAYMENTS.--

(1) The Director may from time to time make matching payments to carry out coastal wetlands conservation projects as such projects progress, but such payments, including previous payments, if any, shall not be more than the Federal pro rata share of any such project in conformity with subsection (d) of this section.

(2) The Director may enter into agreements to make matching payments on an initial portion of a coastal wetlands conservation project and to agree to make payments on the remaining Federal share of the costs of such project from



subsequent moneys if and when they become available. The liability of the United States under such an agreement is contingent upon the continued availability of funds for the purpose of this section.

(f) WETLANDS ASSESSMENT.--The Director shall, with the funds made available in accordance with the next following section of this title, direct the U.S. Fish and Wildlife Service's National Wetlands Inventory to update and digitize wetlands maps in the State of Texas and to conduct an assessment of the status, condition, and trends of wetlands in that State.

#### SEC. 306. DISTRIBUTION OF APPROPRIATIONS.

(a) PRIORITY PROJECT AND CONSERVATION PLANNING EXPENDITURES.--Of the total amount appropriated during a given fiscal year to carry out this title, 70 percent, not to exceed \$70,000,000, shall be available, and shall remain available until expended, for the purposes of making expenditures--

(1) not to exceed the aggregate amount of \$5,000,000 annually to assist the Task Force in the preparation of the list required under this title and the plan required under this title, including preparation of--

- (A) preliminary assessments;
- (B) general or site-specific inventories;
- (C) reconnaissance, engineering or other studies;
- (D) preliminary design work; and
- (E) such other studies as may be necessary to identify and evaluate the feasibility of coastal wetlands restoration projects;

(2) to carry out coastal wetlands restoration projects in accordance with the priorities set forth on the list prepared under this title;

(3) to carry out wetlands restoration projects in accordance with the priorities set forth in the restoration plan prepared under this title;

(4) to make grants not to exceed \$2,500,000 annually or \$10,000,000 in total, to assist the agency designated by the State in development of the Coastal Wetlands Conservation Plan pursuant to this title.

(b) COASTAL WETLANDS CONSERVATION GRANTS.--Of the total amount appropriated during a given fiscal year to carry out this title, 15 percent, not to exceed \$15,000,000 shall be available, and shall remain available to the Director, for purposes of making grants--

(1) to any coastal State, except States eligible to receive funding under section 306(a), to carry out coastal wetlands conservation projects in accordance with section 305 of this title; and

(2) in the amount of \$2,500,000 in total for an assessment of the status, condition, and trends of wetlands in the State of Texas.

(c) NORTH AMERICAN WETLANDS CONSERVATION.--Of the total amount appropriated during a given fiscal year to carry out this title, 15 percent, not to exceed \$15,000,000, shall be available to, and

shall remain available until expended by, the Secretary of the Interior for allocation to carry out wetlands conservation projects in any coastal State under section 8 of the North American Wetlands Conservation Act (Public Law 101-233, 103 Stat. 1968, December 13, 1989).

#### SEC. 307. GENERAL PROVISIONS.

(a) **ADDITIONAL AUTHORITY FOR THE CORPS OF ENGINEERS.**--The Secretary is authorized to carry out projects for the protection, restoration, or enhancement of aquatic and associated ecosystems, including projects for the protection, restoration, or creation of wetlands and coastal ecosystems. In carrying out such projects, the Secretary shall give such projects equal consideration with projects relating to irrigation, navigation, or flood control.

(b) **STUDY.**--The Secretary is hereby authorized and directed to study the feasibility of modifying the operation of existing navigation and flood control projects to allow for an increase in the share of the Mississippi River flows and sediment sent down the Atchafalaya River for purposes of land building and wetlands nourishment.

#### SEC. 308. CONFORMING AMENDMENT.

16 U.S.C. 777c is amended by adding the following after the first sentence: "The Secretary shall distribute 18 per centum of each annual appropriation made in accordance with the provisions of section 777b of this title as provided in the Coastal Wetlands Planning, Protection and Restoration Act: Provided, That, notwithstanding the provisions of section 777b, such sums shall remain available to carry out such Act through fiscal year 1999."