CWPPRA

Coastal Wetlands, Planning, Protection And Restoration Act

Task Force Meeting

October 23, 2014

New Orleans, Louisiana

ATTENDANCE RECORD

DATE	SPONSORING ORGANIZATION	LOCATION
October 23, 2014 9:30 A.M.	COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT	U.S. Army Corps of Engineers New Orleans District District Assembly Room 7400 Leake Ave, New Orleans, La.

PURPOSE **MEETING OF THE CWPPRA TASK FORCE**

PARTICIPANT REGISTER

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

NAME	JOB TITLE AND ORGANIZATION	PHONE NUMBER
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Cecelia Linder	NOAA Fisheries	301-427 8675
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Randy Moertle	McIlhenny Resources	(985) 856-3630
Jennifer Manuel	LDWF	337-373-0052
Ross Messer	LDWF	225-571-5913
Nedra Davis	Chenier Plain CRPA	225 333 8234
Kylie Ford	URS	724 954 4329
Pat Landry	CPRA	337 482-0680
STAN AUCOIN	CPRA	(337) 482-0681
DARREN PONTIFF	CPRA	337 482-0683
MEL GUIDRY	CPRA	337-482-0682
Duncan Loughridge	Stewart Consulting Group (St. Bernard)	504-920-2055
David Brunet	St Tammany	985-898-2552
SUSAN Testroet-Bergeron	CWPPRA Outreach	337-266-8623
Scott Wilson	USGS	337-266-8644
RALPH LIBERSAT	Vermilion Parish	337-652-6557
Donna Rogers	NOAA Fisheries	225-936-6812
Bill Boshart	CPRA	504 280 4063
John Troutman	CPRA	504 280-4068
MARK WINGATE	USACE	504 862 2512
Cindy Cutrera	Patty Morgan City	985-384-0850

LMV FORM 586R
JAN 88

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

ATTENDANCE RECORD

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October 23, 2014 9:30 A.M.	COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT	U.S. Army Corps of Engineers New Orleans District District Assembly Room 7400 Leake Ave, New Orleans, La.

PURPOSE **MEETING OF THE CWPPRA TASK FORCE**

PARTICIPANT REGISTER

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

NAME	JOB TITLE AND ORGANIZATION	PHONE NUMBER
Darryl Clark	USFWS-Tech Committee	337-291-3111
Lauren Ankrin	GAEA	504.289.6136
Dena Weifenbach	CPRA	337 882-0688
Ricky Boyett	USACE	504-862-1524
Caitlin Campbell	USACE	862-2545
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Shelley Miller	USCG	504-671-2139
Gervin Pittman	CPRA	225-224-3569
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Chad Courville	Miami Corporation	337.264.1695
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Mel Landry	NOAA	225-778-7380
Susan Hennington	COE, CWPPRA Program	504-862-2504

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

CWPPRA

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

AGENDA

October 23, 2014, 9:30 a.m.

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

Documentation of Task Force meetings (including minutes, attendance records, PowerPoint Presentations, and meeting binders) may be found at:
http://www.mvn.usace.army.mil/Missions/Environmental/CWPPRA.aspx

Tab Number	Agenda Item

1. **Meeting Initiation 9:30 a.m. to 9:40 a.m.**
   a. Introduction of Task Force or Alternates
   b. Opening remarks of Task Force Members
   c. Request for Agenda Changes/Additional Agenda Items/Adoption of Agenda

2. **Decision: Adoption of Minutes for the May 22, 2014 Task Force Meeting (Brad Inman, USACE) 9:40 a.m. to 9:45 a.m.** Mr. Brad Inman will present the minutes from the last Task Force meeting. Task Force members may provide suggestions for additional information to be included in the official minutes.

3. **Report: Status of CWPPRA Program Funds and Projects (Allison Murry, USACE; Brad Inman, USACE) 9:45 a.m. to 9:55 a.m.** Ms. Allison Murry will provide an overview of the status of CWPPRA accounts and available funding in the Planning and Construction Programs.

4. **Report: Construction Update (Brad Inman, USACE) 9:55 a.m. to 10:10 a.m.** The CWPPRA agencies will provide a report on projects that are currently under construction and projects that have recently completed construction.

5. **Report/Decision: Status of Unconstructed Projects (Brad Inman, USACE) 10:10 a.m. to 10:15 a.m.** The P&E Subcommittee will report on the status of unconstructed CWPPRA projects as well as projects recommended for deauthorization, inactivation, or transfer. The Task Force will consider the following Technical Committee recommendations:

a. Unconstructed project recommended by the project team to deauthorize:
   - Southwest Louisiana Gulf Shoreline Nourishment and Protection (ME-24), USACE

b. Unconstructed project requested by the project team to inactivate:
   - Alligator Bend Marsh Restoration and Shoreline Protection (PO-34), NRCS

6. **Decision: CWPPRA Standard Operating Procedures (SOP) Update (Allison Murry, USACE) 10:15 a.m. to 10:20 a.m.** In January 2014, the P&E Subcommittee started an intensive clean-up and update of the CWPPRA SOP. The Task Force will consider the Technical Committee's recommendation to approve the requested changes.

7. **Report/Decision: Upcoming 20-Year Life Projects (Britt Paul, NRCS) 10:20 a.m. to 10:35 a.m.** The project sponsor will present recommended path forwards. The Task Force will consider the Technical Committee recommendation to continue through the 20-Year Life Decision Matrix for the project extension option with formal evaluations of the following projects' costs and benefits. Decisions on whether to extend the projects will be made after these evaluations.

Project No.	Project Name	Agency	Const. Complete	20YL	Path Forward Recommendation
ME-04	Freshwater Bayou Wetland Protection	NRCS	Mar-95	Mar-15	Formal Evaluation
ME-13	Freshwater Bayou Bank Stabilization	NRCS	Feb-98	Mar-18	Formal Evaluation

8. **Report: Outreach Committee Report (Susan Bergeron, USGS) 10:35 a.m. to 10:50 a.m.** Ms. Susan Bergeron will provide the Outreach Committee report.

9. **Report: Coastwide Reference Monitoring System (CRMS) Report (Dona Weifenbach, USGS) 10:50 a.m. to 11:05 a.m.** Ms. Dona Weifenbach will present a report on CRMS.

10. **Report: Coastwide Nutria Control Program – Annual Report (Jennifer Manuel, LDWF) 11:05 a.m. to 11:30 a.m.** Ms. Jennifer Manual with the Louisiana Department of Wildlife and Fisheries will present an annual report on the Coastwide Nutria Control Program (LA-03b).

11. **Decision: Annual Request for Incremental Funding for FY17 Administrative Costs for Cash Flow Projects (Brad Inman, USACE) 11:30 a.m. to 11:35 a.m.** The U.S. Army Corps of Engineers will request funding approval in the amount of $26,142 for administrative costs for cash flow projects beyond Increment 1. The Task Force will consider the Technical Committee's recommendation to approve the request for funds.

12. **Decision: Request for Funding for the CWPPRA Program's Technical Services (Michelle Fischer, USGS) 11:35 a.m. to 11:40 a.m.** The U.S. Geological Survey (USGS) and CPRA are requesting funding for technical services for the CWPPRA program in the amount of $171,410. The Task Force will consider the Technical Committee's recommendation to approve the request for funding for technical services in the amount of $171,410.

13. **Decision: Request for Transfer of Funds from the PPL 2 - West Belle Pass Headland Restoration Project (TE-23) Operations & Maintenance to Monitoring (Brad Inman, USACE; Stuart Brown, CPRA) 11:40 a.m. to 11:45 a.m.** The USACE and CPRA have determined that a minimum of two land/water analyses for the TE-23 project area, one each for years 2008 and 2012 respectively, are required to access the impact of a 2007 Port Fourchon Navigation Channel Federal maintenance event in which dredged material was placed within the TE-23 project area. The cost of performing these land/water analyses is $28,375 and would be undertaken in 2015. The Task Force will consider the Technical Committee's recommendation to approve the requested transfer of funds.

14. **Decision: Request for Monitoring Incremental Funding and Budget Increases (Stuart Brown, CPRA) 11:45 a.m. to 12:05 p.m.** The Task Force will consider the Technical Committee's recommendation to approve requests for total FY17 incremental funding in the amount of $9,712,695 and monitoring budget increases totaling $35,032.
    a. PPL 9+ Projects requesting approval for FY17 incremental funding in the total amount of $204,451 for the following projects:
        - Barataria Basin Landbridge Shoreline Protection (BA-27c), PPL 9, NRCS
          Incremental Funding amount: $4,539
        - Delta Management at Fort St. Philip (BS-11), PPL 10, FWS
          Incremental Funding amount: $17,271
        - Coastwide Nutria Control Program (LA-03b) PPL 11 NRCS
          Incremental Funding amount: $91,019
        - Coastwide Vegetative Planting (LA-39), PPL 20, NRCS
          Incremental Funding amount: $91,622
    b. PPL 1-8 Project requesting approval for FY17 incremental funding in the total amount of $33,946:
        - Naomi Outfall Project (BA-03c), PPL 5, NRCS
          Incremental Funding amount: $5,571
        - West Belle Pass Headland Restoration (TE-23), PPL 2, USACE
          Incremental Funding amount: $28,375
    c. Coastwide Reference Monitoring System (CRMS) requesting approval for FY17 incremental funding in the total amount of $9,439,266:
        - Incremental funding (FY13 – FY15): $9,439,266
    d. PPL 1-8 Projects requesting approval for a budget increase in the amount of $35,032 and FY17 incremental funding in the amount of $35,032 for the following project:
        - Highway 384 Hydrologic Restoration (CS-21), PPL 2, NRCS
          Budget increase amount: $35,032
          Incremental Funding amount: $35,032

15. **Decision: Request for Operation and Maintenance (O&M) Incremental Funding and Budget Increases (Stuart Brown, CPRA) 12:05 p.m. to 12:25 p.m.** The Task Force will consider the Technical Committee's recommendation to approve requests for total FY17 incremental funding in the amount of $5,943,800 and O&M budget increases totaling $436,203.

a. PPL 9+ Projects requesting approval for FY17 incremental funding in the total amount of $5,259,404 for the following projects:
    - GIWW - Perry Ridge West Bank Stabilization (CS-30), PPL 9, NRCS
      Incremental funding amount: $6,330
    - Four Mile Canal Terracing and Sediment Trapping (TV-18), PPL 9, NMFS
      Incremental Funding amount: $16,557
    - Barataria Basin Landbridge Shoreline Protection, Phase 3, (BA-27c), PPL 9, NRCS
      Incremental Funding amount: $4,582
    - Lake Borgne Shoreline Protection (PO-30), PPL 10, EPA
      Incremental Funding amount: $6,486
    - North Lake Mechant Landbridge Restoration, (TE-44), PPL 10, FWS
      Incremental Funding amount: $86,791
    - Delta Management at Ft. St, Phillip (BS-11), PPL 10, FWS
      Incremental Funding amount: $5,511
    - Barataria Basin Landbridge Shoreline Protection Phase 4, (BA-27d), PPL 11, NRCS
      Incremental Funding amount: $4,624
    - Little Lake Shoreline Protection/ Dedicated Dredging Near Round Lake, (BA-37), PPL 11, NMFS
      Incremental Funding amount: $75,872
    - Barataria Barrier Island Complex: Pelican Island and Pass La Mer to Chaland Pass Restoration (BA-38), PPL 11, NMFS
      Incremental Funding amount: $22,327
    - Pass Chaland to Grand Bayou Pass Barrier Shoreline Restoration (BA-35), PPL 11, NMFS
      Incremental Funding amount: $6,357
    - Coastwide Nutria Control Program (LA-03b), PPL 11, NRCS
      Incremental funding amount (FY16): $2,324,019
    - West Lake Boudreaux Shoreline Protection and Marsh Creation, (TE-46), PPL 11, FWS
      Incremental Funding amount: $5,602
    - Raccoon Island Shoreline Protection/Marsh Creation, (TE-48), PPL 11, NRCS
      Incremental Funding amount: $3,439
    - South White Lake Shoreline Protection (ME-22), PPL 12, USACE
      Incremental funding amount: $8,152
    - Mississippi River Sediment Delivery System - Bayou Dupont (BA-39), PPL 12, EPA
      Incremental Funding amount: $7,058
    - West Belle Pass Barrier Headland Restoration, (TE-52), PPL 16, NMFS
      Incremental Funding amount: $354,548
    - South Lake Lery Marsh Creation and Shoreline Protection (BS-16), PPL 17, FWS

Incremental Funding amount: $6,534

- Coastwide Vegetative Planting (LA-39), PPL 20, NRCS
  Incremental Funding amount: $2,314,615

b. PPL 1-8 Project requesting approval for FY17 incremental funding in the total amount of $585,859:
   - GIWW to Clovelly Hydrologic Restoration (BA-02), PPL 1, NRCS
     Incremental Funding amount: $25,438
   - Highway 384 Hydrologic Restoration (CS-21), PPL 2, NRCS
     Incremental Funding amount: $22,656
   - Point au Fer Canal Plugs (TE-22), PPL 2, NMFS
     Incremental Funding amount: $9,925
   - West Belle Pass Headland Restoration, (TE-23), PPL 2, USACE
     Incremental Funding amount: $9,453
   - Cameron Creole Maintenance (CS-04a), PPL 3, NRCS
     Incremental Funding amount: $133,407
   - Lake Chapeau Sediment Input and Hydrologic Restoration, Point Au Fer Island (TE-26), PPL 3, NMFS
     Incremental Funding amount: $9,800
   - Brady Canal Hydrologic Rest, (TE-28), PPL 3, NRCS
     Incremental Funding amount: $100,695
   - Black Bayou Hydrologic Restoration (CS-27), PPL 6, NMFS
     Incremental Funding amount: $269,904
   - Barataria Basin Landbridge Shoreline Protection, Phases 1 and 2, (BA-27), PPL 7, NRCS
     Incremental Funding amount: $4,581

c. PPL 1-8 Project requesting approval for a budget increase in the amount of $436,203 and FY17 incremental funding in the amount of $98,537 for the following project:
   - Replace Sabine Refuge Water Control Structures at Headquarters Canal, West Cove Canal, and Hog Island Gully (CS-23), PPL 3, FWS
     Budget increase amount: $436,203
     Incremental Funding amount: $98,537

16. **Decision: Request for O&M Budget Increase and Incremental Funding approval for Boston Canal/Vermilion Bay Bank Protection (TV-09) (Britt Paul, NRCS) 12:25 p.m. to 12:35 p.m.** To allow one final maintenance event prior to project closeout, CPRA and NRCS have requested a TV-09 O&M budget increase in the amount of $630,891 and an incremental funding approval in the amount of $630,891. The Technical Committee voted to not recommend approval to the Task Force. CPRA and NRCS will present additional information regarding the cost effectiveness of TV-09 and this maintenance event. The Task Force will consider the Technical Committee's recommendation to not approve the requested funds.

17. **Decision: Request for PPL 5 - Raccoon Island Breakwaters Demonstration Project (TE-29) To Be Considered a Component of PPL 11 - Raccoon Island Shoreline Protection/Marsh Creation Project (TE-48) (Britt Paul, NRCS) 12:35 p.m. to 12:45**

p.m. NRCS and CPRA are requesting that the TE-29 project be considered a component of the TE-48 project and that TE-48 O&M funds can be used towards TE-29 O&M. In 1994, the Louisiana Department of Wildlife and Fisheries (LDWF) requested that the CWPPRA program construct 32 rock segmented breakwaters and 60 acres of marsh creation on Raccoon Island (western most island of Isle Dernieres). Due to the concern that rock segmented breakwaters had never been built offshore in Louisiana, permits were issued to build up to 10 breakwaters. Therefore, the Raccoon Island Breakwaters Demonstration project (TE-29) installed 8 breakwaters with available funding, with the understanding that if the project proved successful LDWF could later request that CWPPRA fund a larger scale project. Due to the success of the TE-29 project, CWPPRA approved funding for the Raccoon Island Shoreline Protection/Marsh Creation project (TE-48). The TE-48 breakwaters were completed in 2007 and the marsh creation was completed in 2013. Currently, two of the TE-29 breakwaters have settled below their designed crest elevation and require re-capping to restore their full functionality of protecting the gulf shoreline of Raccoon Island. The Task Force will consider the Technical Committee's recommendation to approve the request for the TE-29 project be considered a component of the TE-48 project and that TE-48 O&M funds can be used towards TE-29 O&M.

18. **Decision: Transfer of O&M funds to Construction for Grand Lake Shoreline Protection (ME-21) (Britt Paul, NRCS) 12:45 p.m. to 12:55 p.m.** In February 2007, the Task Force passed a motion "to allow CIAP to fund construction of the Grand Lake Shoreline Protection Project (ME-21) without Tebo Point and to have CWPPRA fund the difference between the CIAP and CWPPRA project features (i.e. the Tebo Point segment) plus 3 years of O&M for the entire project for a total of $9 million ($2.7M for construction of the Tebo Point segment and $6.3M for the 1st 3 years of O&M for the entire project)." The CIAP portion of ME-21 was constructed under CIAP in 2010, and federal sponsorship of ME-21 was transferred to NRCS in 2011. NRCS and CPRA propose to transfer $3,542,031 from O&M to Construction. The total Phase II cost would remain at $9,006,586. The total fully funded cost would remain at $10,005,616. The Task Force will consider and vote on the request to transfer funds.

19. **Decision: Request for Approval to Initiate Deauthorization of West Pointe a la Hache Outfall Management (BA-04c) (Garvin Pittman, CPRA) 12:55 p.m. to 1:00 p.m.** CPRA is requesting formal deauthorization procedures be initiated on West Pointe a la Hache Outfall Management (BA-04c). The project team determined that many of the proposed benefits of BA-04c were being met by the current operation of the structure, and the marginal benefits could be achieved through this project could be achieved more cost-effectively by improving existing operations. The Task Force will consider the Technical Committee's recommendation to initiate deauthorization for BA-04c.

20. **Additional Agenda Items (Col. Hansen, USACE) 1:00 p.m. to 1:05 p.m.**

21. **Request for Public Comments (Col. Hansen, USACE) 1:05 p.m. to 1:10 p.m.**

22. **Announcement: Dates of Upcoming CWPPRA Program Meeting (Brad Inman, USACE) 1:10 p.m. to 1:15 p.m.** The Technical Committee Meeting will be held

December 11, 2014 at 9:30 a.m. at the LA Department of Wildlife and Fisheries, Louisiana Room, 2000 Quail Drive, Baton Rouge, Louisiana.

23. Announcement: Scheduled Dates of Future Program Meetings (Brad Inman, USACE) 1:15 p.m. to 1:20 p.m.

December 11, 2014	9:30 a.m.	Technical Committee	Baton Rouge
January 22, 2015	9:30 a.m.	Task Force	Lacombe
January 27, 2015	11:00 a.m.	Region IV Planning Team	Lafayette
January 28, 2015	9:00 a.m.	Region III Planning Team	Houma
January 29, 2015	8:00 a.m.	Region I & II Planning Team	Lacombe

24. Decision: Adjourn

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 23, 2014

MEETING INITIATION

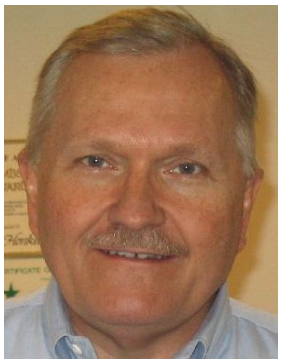
a. Introduction of Task Force or Alternates
b. Opening remarks of Task Force Members
c. Request for Agenda Changes/Additional Agenda Items/Adoption of Agenda

Task Force Members

Col. Richard Hansen
District Commander and District Engineer
U.S. Corps of Engineers, New Orleans District

Mr. Jeff Weller
Field Supervisor
U.S. Fish and Wildlife Service

Mr. Jerome Zeringue
Senior Advisor to the Governor for Coastal Activities
Governor's Office of Coastal Activities



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

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

Mr. Kevin Norton
State Conservationist
Natural Resources Conservation Service

Technical Committee Members

NO PHOTO

Mr. Troy Constance
Acting Deputy District Engineer
U.S. Army Corps of Engineers

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

Mr. Bren Haase
Deputy Chief – Studies and Environmental Branch
Coastal Protection and Restoration Authority
State of Louisiana CPRA

Ms. Karen McCormick
Civil Engineer
Environmental Protection Agency

Mr. Rick Hartman
Fishery Biologist
National Marine and Fisheries Service

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

Planning & Evaluation Committee

Mr. Brad Inman
CWPPRA Program and Senior Project Manager
U.S. Army Corps of Engineers

Mr. Kevin Roy
Senior Field Biologist
U.S. Fish and Wildlife Service

NO PHOTO

Mr. Stuart Brown
Coastal Resources Scientist
State of Louisiana CPRA

Mr. Adrian Chavarria
Environmental Engineer
Environmental Protection Agency

NO PHOTO

Ms. Cecelia Linder
NOAA CWPPRA Program Manager
National Marine and Fisheries Service

Mr. John Jurgensen
Civil Engineer
Natural Resources Conservation Service

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 23, 2014

ADOPTION OF MINUTES FROM THE MAY 22, 2014 TASK FORCE MEETING

For Decision:

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

BREAUX ACT
Coastal Wetlands Planning, Protection and Restoration Act

TASK FORCE MEETING
22 May 2014

Minutes

I. INTRODUCTION

Colonel Richard Hansen convened the 86th meeting of the Louisiana Coastal Wetlands Conservation and Restoration Task Force. The meeting began at 9:30 a.m. on May 22, 2014, at the Estuarine Habitats and Coastal Fisheries Center in Lafayette, LA. The agenda is shown as Enclosure 1. The Task Force was created by the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA, commonly known as the Breaux Act), which was signed into law (PL 101-646, Title III) by President George Bush on November 29, 1990.

II. ATTENDEES

The attendance record for the Task Force Meeting is presented as Enclosure 2. Listed below are the Task Force Members who were present.

Colonel Richard Hansen, Chairman, U.S. Army Corps of Engineers (USACE)
Ms. Karen McCormick, U.S. Environmental Protection Agency (EPA), EPA alternate for Mr. Bill Honker
Mr. Richard Hartman, National Marine Fisheries Service (NMFS), NMFS alternate for Mr. Christopher Doley
Mr. Jerome Zeringue, State of Louisiana, Governor's Office of Coastal Activities (GOCA)
Mr. Kevin Norton, Natural Resources Conservation Service (NRCS)
Mr. Jeffrey Weller, U.S. Fish and Wildlife Service (USFWS)

III. OPENING REMARKS

Colonel Hansen introduced himself, welcomed everyone, and asked the members of the Task Force to introduce themselves. Colonel Hansen congratulated Mr. Zeringue for being officially confirmed as Chair of the Louisiana Coastal Protection and Restoration Authority (CPRA).

Colonel Hansen explained that the public would be given the opportunity to comment on agenda items and that each commenter should provide their name and affiliation so that their comments could be included in the official record. All attendees should sign in at the entrance to the conference room.

Colonel Hansen asked if the Task Force had any opening comments. Colonel Hansen announced two changes to the published agenda: the removal of Agenda Item #11 and the

addition of an announcement from CPRA regarding the 2017 State Master Plan Update under Additional Agenda Items.

Mr. Norton made a motion to adopt the agenda as amended. Mr. Weller seconded. The motion was passed by the Task Force.

IV. ADOPTION OF MINUTES FROM JANUARY 16, 2014 TASK FORCE MEETING

Mr. Brad Inman, USACE, indicated that the minutes from the January 16, 2014 Task Force Meeting were sent to the Task Force members and that all comments and recommended changes were incorporated. Colonel Hansen asked the Task Force members if they had any comments on the minutes. There were no comments.

Hearing no objections, Colonel Hansen declared the minutes from the January 16, 2014 Task Force Meeting adopted.

V. TASK FORCE DECISIONS

A. Agenda Item #7 – Report/Decision: Upcoming 20-Year Life Projects

Project sponsors presented recommended paths forward for the following CWPPRA projects ending their 20 year lives in 2015 or 2016:

Project No.	Project Name	Agency	20YL Expires	Path Forward
CS-18	Sabine National Wildlife Refuge Erosion Protection	FWS	1-Mar-15	Close-out
TV-03	Vermilion River Cutoff Bank Protection	COE	11-Feb-16	Close-out
PO-16	Bayou Sauvage Refuge Restoration Phase 1	FWS	30-May-16	Extension
BA-19	Barataria Bay Waterway Wetland Creation	COE	15-Oct-16	Close-out

Mr. Darryl Clark, USFWS, presented the recommended paths forward for Sabine National Wildlife Refuge Erosion Protection (CS-18) and Bayou Sauvage Refuge Restoration Phase I (PO-16) projects. The Sabine Refuge Erosion Protection (CS-18) Project consists of approximately 28,000 linear feet of foreshore rock dike and other features on the Sabine National Wildlife Refuge (NWR). The project protected 5,500 net acres of fresh marsh in Pool 3 for a cost of $1.6 million. The project currently has an Operations and Maintenance (O&M) balance of approximately $260,000. No maintenance has been required over the 19 years of the project life and the rock dike is in good condition, so USFWS does not anticipate maintenance being required in the future. The project sponsors and the Technical Committee have recommended project closeout with the remaining funds being returned to the Program. The project is on federal property, and will become a component of the NWR.

The Bayou Sauvage Phase I (PO-16) Project features two 30-inch pumps and 36-inch discharge pipes and one weir located in the North and South Units of Bayou Sauvage Refuge. The goal of this project was to regulate water levels and benefit 1,550 net acres of fresh marsh. The construction cost was $1.6 million and the project has approximately $211,000 remaining in its O&M budget. This project lies just west of the New Orleans East hurricane protection levee;

after Hurricane Katrina, the USACE had to remove the pump stations to facilitate the enlargement of the levee. The USACE has installed new pumping stations and discharge pipes, which are now protected by a concrete revetment on the east side of the levee. The replacement was completed in August 2011, but one of the pumps is not working correctly so USFWS has not yet accepted the project from the USACE.

When operational, the pumps were somewhat successful at managing water levels. However, they have not been operated since Hurricane Katrina. The project does require O&M; when it was operational, the costs were approximately $11,000/year. The Refuge has requested that CWPPRA continue to fund O&M with the remaining O&M balance for six years after the end of its 20-year life, to May 2022, to make up for the six years that the project was inoperable. At the end of the 6-year extension, the USFWS will reconsider whether Federal refuge funds will be available to continue O&M, but until 2022, the project will continue to be a feature of Bayou Sauvage Refuge.

Mr. Hartman requested clarification about future monitoring efforts. Mr. Clark stated that there is a Coastwide Reference Monitoring System (CRMS) station in the northern management unit. The CRMS program is providing annual reports for all refuges with a CRMS station which include water levels, salinity, vegetation, land:water analysis, and other variables. The funds currently in the monitoring budget will be used by CPRA to prepare a final monitoring report in 2016; any remaining funds in the monitoring budget will then be returned to the Program.

Colonel Hansen asked about the operation of the pumps. Mr. Clark responded that the pumps are operated by Refuge staff. Staff gauges are located in both the North and South units. When those gages show higher water levels, the pumps would be operated to evacuate excess water. The area also contains some gravity drainage structures which can help evacuate water when necessary.

Mr. Scott Wandell, USACE, presented the recommended path forward for the Vermilion River Cutoff Bank Protection (TV-03) Project. This project is located in the Teche-Vermilion Basin along the east bank of the Vermilion River Cutoff. It is a PPL 1 project that consists of 6,200 feet of foreshore rock dike benefiting 65 acres. Construction was completed in March 1996 at a total cost of approximately $2 million. One maintenance event was performed in 2005 at a cost of $130,000. Project performance reports are supposed to be prepared every three years, but the most recent one was prepared in 2007 due to lack of funding. An inspection report was performed in 2011 following Hurricane Ike. Both the 2007 project performance report and 2011 inspection report indicate that the project is in good condition and at the permitted elevation. The shoreline has stopped receding and is actually accreting in some areas. The project team does not believe that an extension is justified. The project sponsor and the Technical Committee recommend proceeding to project closeout, with a completion of the scheduled shoreline monitoring survey, final project accounting, and a public notice.

Mr. Josh Carson, USACE, presented the recommended path forward for the Barataria Bay Waterway Restoration (BA-19) Project. This was a PPL 1 project that pumped dredged material from a Barataria Bay Waterway maintenance event to the southern section of Queen

Bess Island. It was completed in October 1996 at a cost of $1.1 million. The project included a shell retainment dike to create 9 acres of marsh. The project never achieved design elevations and has no financial resources or planned activities. The project sponsor and the Technical Committee recommend project closeout.

Mr. Hartman noted that the retainment dike is still in place, and it is likely that without this project Queen Bess would no longer exist.

Mr. Norton made a motion to accept the Technical Committee recommendations to close out Sabine National Wildlife Refuge Erosion Protection (CS-18), Vermilion River Cutoff Bank Protection (TV-03), and Barataria Bay Waterway Wetland Creation (BA-19) and to extend Bayou Sauvage Refuge Restoration Phase 1 (PO-16) for six years. Ms. McCormick seconded. The motion was passed by the Task Force.

B. Agenda Item #9 – Decision: Fiscal Year (FY) 15 Planning Budget Approval, including the Project Priority List (PPL) 25 Process, and Presentation of FY15 Outreach and Planning Budget

The Planning and Evaluation (P&E) Subcommittee presented their recommended FY15 Planning Program Budget development, including the PPL 25 Process.

Ms. Allison Murry, USACE, presented the changes that are being made to the PPL process document. The previous document was very text heavy and not user-friendly. The redesigned document for PPL 25 includes maps with basin and region boundaries, voter eligibility, and frequently asked questions. There have been no changes to the process itself. Mr. Inman added that Ms. Murry has performed most of the work on this document and that the Technical Committee is very supportive of the changes she has made. The Technical Committee recommends Task Force approval of the redesigned document.

Colonel Hansen opened the floor to comments from the Task Force. There were no comments from the Task Force.

Colonel Hansen opened the floor to comments from the public. There were no public comments.

Mr. Scott Wilson, United States Geological Survey (USGS), presented the proposed FY15 Outreach budget of $445,800 on behalf of the Outreach Committee. These funds are also part of the overall Planning budget and the request is the same that it has been for the past four years. Mr. Inman stated that the Technical Committee recommends approval of this budget.

Colonel Hansen opened the floor to comments from the Task Force. There were no comments from the Task Force.

Colonel Hansen opened the floor to comments from the public. There were no public comments.

Ms. Susan Mabry presented the proposed FY15 Planning budget of $5,111,819. This includes the $445,800 for Outreach and $4,660,019 for other Planning activities, including the Report to Congress. Mr. Inman stated that the Technical Committee recommends approval of this budget.

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

Mr. Hartman asked if USFWS would be taking the lead role in developing the Report to Congress. Mr. Clark replied that USFWS would report back to the Task Force on that issue at a later date. (Note: The FWS indicated after the TF meeting that it would be willing to coordinate the development of the 2015 Report to Congress with assistance from USGS and CPRA.)

Colonel Hansen opened the floor to comments from the public. There were no public comments.

Mr. Hartman made a motion to approve the Technical Committee recommendation to accept the redesigned PPL 25 process. Ms. McCormick seconded. The motion was passed by the Task Force.

Ms. McCormick made a motion to approve the Technical Committee recommendation to approve the Outreach budget of $445,800. Mr. Hartman seconded. The motion was passed by the Task Force.

Mr. Norton made a motion to approve the Technical Committee recommendation to approve the Planning budget of $5,111,819. Mr. Hartman seconded. The motion was passed by the Task Force.

C. Agenda Item #12 – Decision: Request for Approval for Final Deauthorization on the PPL 13 – Bayou Sale Shoreline Protection (TV-20) Project

Mr. Norton reported that NRCS and CPRA are requesting approval for final deauthorization procedures on the Bayou Sale Shoreline Protection (TV-20) Project due to numerous abandoned pipelines in the area that hindered site access and made the project unfeasible to construct. They offered to transfer the project to the Parish but did not receive a response. Mr. Inman stated that very few public comments were received during the public comment period and the Technical Committee recommends deauthorization of the project.

Mr. Norton made a motion to approve the Technical Committee recommendation to deauthorize the Bayou Sale Shoreline Protection (TV-20) Project. Ms. McCormick seconded. The motion was passed by the Task Force.

D. Agenda Item #13 – Decision: Request for Approval for Final Deauthorization on the PPL 18 – Bertrandville Siphon (BS-18) Project

Ms. McCormick reported that EPA and CPRA are requesting approval for final deauthorization procedures on the Bertrandville Siphon (BS-18) Project based on landrights

issues that are not likely to be resolved in the near future plus substantial technical implementation issues. Additionally, the project is not included in the 2012 State Master Plan. EPA still believes that this could be a good project but is asking for deauthorization due to current circumstances. Mr. Inman stated that no public comments were received during the public comment period and the Technical Committee recommends deauthorization of the project.

Colonel Hansen opened the floor to comments from the Task Force. There were no comments from the Task Force.

Colonel Hansen opened the floor to comments from the public. There were no public comments.

Ms. McCormick made a motion to approve the Technical Committee recommendation to deauthorize the Bertrandville Siphon (BS-18) Project. Mr. Norton seconded. The motion was passed by the Task Force.

VI. INFORMATION

A. Agenda Item #3 – Report: Status of CWPPRA Program Funds and Projects

Ms. Mabry presented the status of CWPPRA Program funds and projects. The CWPPRA Program estimate is $2.3 billion from inception through PPL 23. The current approved estimate is $1.6 billion, including $1.17 billion for Construction, $280 million for O&M, and $160 million for Monitoring. CWPPRA has $454 million in future projected funding and needs $703 million to complete construction, leaving a gap of $224 million for all PPLs.

The Program received $64.6 million in FY14. Total collections to date are $1.5 billion. Available funds for FY14 total $23 million. Ms. Mabry noted that if the deauthorizations on the agenda are approved, the available funds will increase to $23.7 million.

The Planning budget had a surplus of $262,000 in January. Planning received $5 million in FY15 funding. Based on the requested Planning budget of $5.1 million, CWPPRA will have $150,000 remaining in the Planning budget at the end of FY15.

The CWPPRA Program currently has 200 total projects. 150 are active, including 31 in Phase I, 18 in Phase II, and 101 constructed. Four projects have been transferred, three are inactive, and 43 have been deauthorized.

Mr. Inman provided an update on Sport Fish and Boating Safety Trust Fund Reauthorization. He explained that the CWPPRA Program must receive appropriations to spend monies in the Trust Fund. The Trust Fund Reauthorization is in the Transportation Bill, which both the House of Representatives and the Senate want to pass before the summer recess. The Angling and Boating Alliance has proposed a change to the Trust Fund that would reduce the percentage of funding for CWPPRA by about 3%, which would reduce CWPPRA's budget by several million dollars each year.

Colonel Hansen opened the floor to comments from the Task Force. There were no comments from the Task Force.

Colonel Hansen opened the floor to comments from the public. There were no public comments.

B. Agenda Item #4 – Report: Construction Update

Mr. Inman reported that the CWPPRA agencies wanted to show the Task Force and the public the types of projects being constructed across the State. Agency representatives provided reports on projects that are currently under construction and projects that have been recently completed.

Mr. Quin Kinler, NRCS, presented two NRCS projects. The GIWW Bank Restoration of Critical Areas (TE-43) Project was completed in March 2014 at a cost of $7.1 million. The Coastwide Vegetative Plantings (LA-39) Project has several features that have recently completed construction or are under construction. Planting in The Prairie, located in the Manchac Wildlife Management Area (WMA), was completed in spring 2014 and included 525 gallons of smooth cordgrass and 13,000 gallons of California bulrush. Plantings in West Little Lake in Lafourche Parish, the Jaws in Vermilion Parish, and two locations in Little Vermilion Bay are under construction and should be complete by fall 2014. The plantings in the Jaws and Little Vermilion Bay will augment CWPPRA terracing projects that have been accumulating sediment.

Mr. Kevin Roy, USFWS, presented the Lake Hermitage Marsh Creation Project. The project is in Plaquemines Parish on the west side of the Mississippi River. Construction started in 2012; 650 acres of marsh creation have been completed and USFWS is working to expand the project by an additional 250 acres due to favorable bids. Additionally, Natural Resource Damage Assessment (NRDA) Early Restoration funds were used to build 104 acres. The contractor is currently working on a shoreline protection component of the project and it should be complete in September 2014.

Ms. Cecelia Linder, NMFS, presented the Bayou Dupont Marsh and Ridge Creation (BA-48) Project. This project is located in Jefferson Parish north of Lake Hermitage. The bids have been awarded and construction has started. The first lift on half of the ridge has been completed. The project is working with the Long Distance Sediment Pipeline Project. River dredging will begin in the late September/October timeframe. Construction is expected to be complete in fall 2015 and will cost $35 million.

Dr. John Foret, NMFS, presented the Delta-Wide Crevasses (MR-09) Project. The third and final construction event of this project began in March 2014 and was complete in June 2014. The project team is currently awaiting settlement to begin monitoring. The first two events cost $1.4 million and constructed 22 crevasses and 499 net acres. This event cost $795,000 and constructed seven crevasses.

Colonel Hansen opened the floor to comments from the Task Force. Colonel Hansen thanked everyone and said he looked forward to hearing more at the next meeting. Mr. Zeringue thanked NMFS for constructing the diversions.

Colonel Hansen opened the floor to comments from the public. There were no public comments.

C. Agenda Item #5 – Report: Public Outreach Committee Report

Ms. Susan Testroet-Bergeron, USGS, reported on Outreach activities since the last Task Force Meeting in January. The Spring Dedication Event was held in Houma, LA at the ConocoPhillips property. It was a beautiful day with great speakers and good information about how the agencies are working together for coastal Louisiana. The 156th Infantry Battalion led with the national colors. Participants were also able to go on a field trip to the GIWW Bank Restoration of Critical Areas (TE-43) Project.

CWPPRA Outreach has participated in several educational activities. The I Remember art show will be at the Louisiana State University (LSU) Hill Memorial library through August 30, 2014, where it is attracting numerous LSU students. More oral histories, including some from people who work with CWPPRA, were added to the art show in November, and those have been added to the kiosk and the www.lacoast.gov website. The I Remember art show started as a one-year art show, but is currently in its second year and still going.

Dr. Jenneke Vissar invited CWPPRA to the Fete de la Terre at the University of Louisiana at Lafayette (ULL). CWPPRA also attended the Louisiana Environmental Education Symposium in Shreveport, the National Wetlands Day in Houma, and the International School of Louisiana Teachers Wetland Workshop.

CWPPRA attended the State of the Coast Conference with the I Remember art show. CWPPRA asked attendees why to save coastal Louisiana. Ms. Bergeron shared some of those responses and stated that they are also posted on Facebook.

The Landmarks e-newsletter is published every two months and is currently on its third issue. The Outreach Committee has been working with CRMS to create a CRMS Beginner's Guide to Retrieving Data, which they hope will be useful to people who are not familiar with CRMS. Ms. Bergeron thanked Ms. Dona Weifenbach and Ms. Sarai Piazza for their help with this effort.

The Outreach Committee has been asked to speak to Rotary Clubs and Chambers of Commerce, so they are trying to create a Speaker's Bureau. Ms. Bergeron asked anyone who is interested in participating in this to contact her or Mr. Cole Ruckstuhl.

Colonel Hansen opened the floor to comments from the Task Force. Colonel Hansen thanked Ms. Bergeron. Mr. Zeringue asked if the Speaker's Bureau would speak throughout the state or just in the coastal zone. Ms. Bergeron responded that the Outreach Committee will go anywhere they are invited to go. Mr. Norton thanked Ms. Bergeron and her team.

Colonel Hansen opened the floor to comments from the public. There were no public comments.

D. Agenda Item #6 – Report: Selection of Ten Candidate Projects to Evaluate for PPL 24

At the April 14, 2014 Technical Committee Meeting, the Technical Committee selected ten projects and one demonstration project as PPL 24 candidates for Phase 0 analysis. Mr. Roy presented a brief overview of each of the projects listed below.

Region	Basin	PPL 24 Candidates	Agency
1	Pontchartrain	New Orleans Landbridge Shoreline Stabilization & Marsh Creation	FWS
1	Pontchartrain	Shell Beach South Marsh Creation	EPA/ USACE
1	Pontchartrain	Bayou Bienvenue Marsh Creation	EPA
2	Barataria	East Leeville Marsh Creation & Nourishment	NMFS
2	Barataria	Grand Bayou Marsh Creation & Terracing	FWS
3	Terrebonne	West Fouchon Marsh Creation & Marsh Nourishment	CPRA
3	Terrebonne	Bayou Dularge Ridge Restoration & Marsh Creation	NRCS
3	Teche-Vermilion	South Humble Marsh Creation & Nourishment	FWS
4	Calcasieu-Sabine	No Name Bayou Marsh Creation & Nourishment	NMFS
4	Mermentau	Southeast Pecan Island Marsh Creation & Freshwater Enhancement	NRCS

	PPL 24 Demonstration Project Candidate	Agency
DEMO	Innovative Bedload Sediment Collector	USACE

Colonel Hansen opened the floor to comments from the Task Force. Colonel Hansen thanked Mr. Roy.

Colonel Hansen opened the floor to comments from the public. There were no public comments.

E. Agenda Item #8 – Report: Status of CWPPRA Standard Operating Procedures (SOP) Update

Ms. Murry reported that the P&E Subcommittee began an update and cleanup of the SOP in January 2014. This update involved removing outdated appendices, adding coastwide category guidelines, adding O&M increase request procedures, updating the monitoring section, and clarifying planning budget language. The P&E Subcommittee plans to provide the new SOP to the Technical Committee and Task Force prior to the next Technical Committee Meeting in September.

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

Ms. McCormick asked if there would still be an opportunity to make more changes. Ms. Murry responded affirmatively and stated that changes could be made throughout the summer. Ms. McCormick thanked Ms. Murry and the P&E Subcommittee.

Colonel Hansen opened the floor to comments from the public. There were no public comments.

F. Agenda Item #10 – Report: Coastwide Reference Monitoring System (CRMS) Report & System Wide Assessment Monitoring Program (SWAMP)

Ms. Dona Weifenbach, CPRA, provided a report on CRMS. The 2013 Coastwide Vegetation Survey collected data at approximately 6,300 sites with a methodology consistent with the 2007 survey. This was a continuation of the Chabreck & Linscombe 1968 survey. LSU, ULL, and the Louisiana Department of Wildlife and Fisheries (LDWF) participated in the survey. Results were completed in the spring and have already been applied to the CRMS website. For example, the vegetation assessment tool allows a user to view vegetation in a certain area from 1999 to 2013. CRMS is also working on the 2012 aerial photography. CPRA received the first round of data from USGS and has provided the first round of comments. They are very pleased with the new automated technique and the accuracy is very good.

Ms. Weifenbach presented an example of how CRMS data is used to assess a project at the end of its 20-year life. She used the Bayou LaBranche Wetland Creation Project as an example, and showed how CRMS data can confirm that all three of the project goals were met.

Fourteen Operations, Maintenance, and Monitoring (OM&M) Reports are in progress for 2014. The 2014 Roadshows are complete and comments are being incorporated. CRMS is in the process of setting up meetings with Federal sponsors to ensure that monitoring needs are being met. Website training occurred in April in Baton Rouge and the CRMS educational document mentioned by Ms. Bergeron is available to the public.

The CRMS Coastwide Elevation Survey of all 390 sites is ongoing; fieldwork is 36% complete and should be finished by July/August. All sites are being updated to NAVD88 Geoid 12a. Mr. Hartman asked if users could easily identify areas of change. Ms. Sarai Piazza, USGS, answered affirmatively and stated that users should use the CRMS Vegetation Difference Tool.

Ms. Weifenbach then presented an overview of the System-Wide Assessment Monitoring Program (SWAMP). Mr. Rick Rainey is the CPRA Project Manager for this effort with The Water Institute of the Gulf. SWAMP was proposed in 2004 in the Louisiana Coastal Area (LCA) Chief's Report. The proposal consisted of four components: wetlands, barrier islands, inshore waters, and offshore waters. The wetlands and barrier island components have been implemented through CRMS and Barrier Island Comprehensive Monitoring (BICM). CRMS is cost shared between the State and CWPPRA, with the State paying 15% plus approximately $1.25 million annually and CWPPRA funding the remainder. BICM is two-thirds funded by the State with the remaining funds provided by USGS and the University of New Orleans (UNO).

Full SWAMP implementation was delayed by the 2005 hurricanes and changes made in the State organization. The new vision for SWAMP is to integrate protection and restoration monitoring. The 2012 State Master Plan includes both restoration and protection projects across the coast, and the State needs a data network to evaluate the Master Plan at a project and program level.

The first steps in moving SWAMP forward were to develop a framework to identify key parameters to understand the natural and built coastal system and to develop an inventory of ongoing/active monitoring efforts. CPRA has developed a framework of coastal drivers, including human activities and system processes. They have also identified state, federal, and local governments and non-governmental organizations (NGO) that are currently collecting data. This data includes light detection and ranging (LIDAR), bathymetry, fish and shellfish levels, water quality, salinity levels, levee and transportation infrastructure conditions, and a myriad of other data topics. CPRA then developed a list of data needs for various aspects of restoration and protection. This is extensive and includes data such as satellite imagery, vegetation surveys, census data, and miles and heights of levees. The next steps are to determine whether current data collection efforts are adequate and develop a coastwide plan and a nested basin plan incorporating protection and restoration data needs.

CPRA has completed the framework and data inventory components of SWAMP. They are working on developing performance measures and objectives and leveraging opportunities with other agencies. Some efforts are being funded through CWPPRA, and other data collection is being funded by other agencies. CPRA hopes to have a draft product by the end of the year.

Colonel Hansen opened the floor to comments from the Task Force. There were no comments from the Task Force.

Colonel Hansen opened the floor to comments from the public. There were no public comments.

VII. ADDITIONAL AGENDA ITEMS

2017 Coastal Master Plan Update

Mr. Bren Haase, CPRA, announced the Coastal Master Plan Project Development Program. This is an open call for new projects to be considered for the 2017 Master Plan Update. CPRA welcomes ideas for new projects. Projects should: build or sustain land; provide significant flood risk reduction through structural or non-structural features; respond to rapid shifts in the coastal landscape; or address future uncertainty such as climate change. The screening criteria will be similar to those used for the 2012 Master Plan, including: size threshold, geographic area, and consistency with objectives and principles. Duplicative projects will be combined or one will be eliminated.

Project proposals are limited to seven pages and should be delivered in .pdf format to masterplan@la.gov prior to August 21, 2014. Mr. Karim Belhadjali and other CPRA staff are available to answer questions or help develop and refine project attributes.

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

Mr. Hartman stated that CPRA is revising the models used in the Master Plan and asked Mr. Haase if CPRA would maintain the 50-year, $50 billion criteria. Mr. Haase stated that the model improvements will be refinements as opposed to wholesale changes. Projects that have already been modeled and eliminated will not be reevaluated. Mr. Hartman asked if projects in the 2012 Master Plan could be removed from the 2017 Update, and Mr. Haase responded affirmatively.

Colonel Hansen opened the floor to comments from the public.

Ms. Bergeron asked if this information could be sent out in a Newsflash. Mr. Haase answered that it could and that it is also available on CPRA's website and in a handout on the sign-in table.

VIII. REQUEST FOR PUBLIC COMMENTS

There were no public comments.

IX. CLOSING

A. Announcement: Date of Upcoming CWPPRA Program Meeting

Mr. Inman announced that the next Technical Committee Meeting will be held September 11, 2014 at 9:30 a.m. at the LA Department of Wildlife and Fisheries, Louisiana Room, 2000 Quail Drive, Baton Rouge, Louisiana.

B. Announcement: Scheduled Dates of Future Program Meetings

Mr. Inman announced the scheduled dates of future Program meetings, shown below:

		2014	
September 11, 2014	9:30 a.m.	Technical Committee	Baton Rouge
October 7, 2014*	9:30 a.m.	Task Force	New Orleans
December 11, 2014	9:30 a.m	Technical Committee	Baton Rouge

*Subject to change

D. Adjournment

Colonel Hansen called for a motion to adjourn the meeting. Mr. Zeringue so moved and Mr. Hartman seconded. Colonel Hansen adjourned the meeting at 11:05 a.m.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

STATUS OF CWPPRA PROGRAM FUNDS AND PROJECTS

For Report:

Ms. Allison Murry will provide an overview of the status of CWPPRA accounts and available funding in the Planning and Construction Programs.

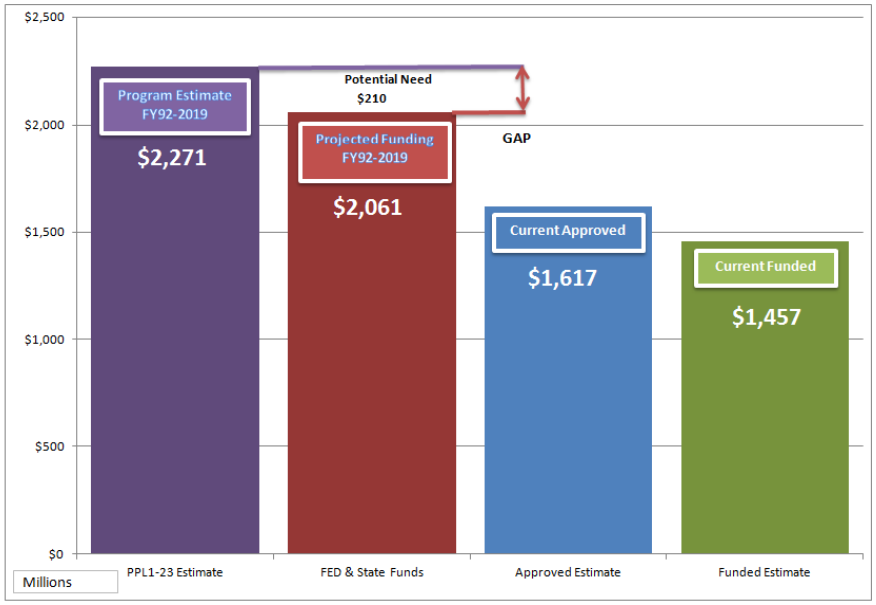
Status of Breaux Act Program Funds and Projects

Prepared by

Susan M. Mabry

October 16, 2014

CWPPRA CONSTRUCTION PROGRAM



ANNUAL INCREMENTAL REQUEST

COE Long-Term Admin	Construction Program Technical Services
$26,142	$171,410

Monitoring	
PPL 9+ Projects	$204,451
PPL 1-8 Projects	$33,946
CRMS	$9,439,266
Highway 384 Hydrologic Restoration (CS-21) Increase	$35,032
Total Monitoring:	**$9,712,695**

O&M	
PPL 9+ Projects	$5,259,404
PPL 1-8 Projects	$585,859
Sabine Structures Hog Island Gully (CS-23) Increase	$436,203
Boston Canal/Vermilion Bay Bank Protection (TV-09) Increase	$630,891
Total O&M:	**$6,912,357**

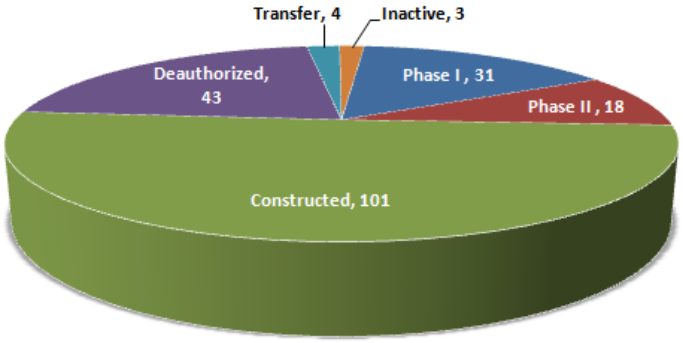
CWPPRA PROGRAM FUNDING OVERVIEW

Beginning balance from May 2014:	$22,895,199
Total Requested Amount:	($16,822,603.58)
Possible Funds to return to the program:	$4,645,811.12
Available:	**$10,718,407**

CWPPRA PROJECT STATUS

TOTAL CWPPRA PROJECTS: 200

ACTIVE PROJECTS: 150



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

PROJECT STATUS SUMMARY REPORT

15 October 2014

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

Reports enclosed:

Project Details by Lead Agency

Project Summary by Basin

Project Summary by Priority List

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

Prepared by:

Project Management Division
Coastal Restoration Branch
U.S. Army Corps of Engineers
New Orleans District
P.O. Box 60267
New Orleans, LA 70160-0267

STATUS OF CWPPRA CONSTRUCTION FUNDS

P/L	Projects	Estimate	Current Approve Estimate		Current Funded Estimate		Expenditures	Unexpended	Fed Cost Share	Non-Fed Share
			Approved	UnApproved	Funded	Unfunded				
0	1	238,871	191,807	47,064	191,807	47,064	143,855	47,952	150,716	41,091
CRMS 0.1	1	114,607,082	114,607,082	0	75,844,538	38,762,544	37,450,523	38,394,015	64,467,857	11,376,681
MCF 0.2	1	1,500,000	1,500,000	0	1,500,000	0	666,704	833,296	1,275,000	225,000
SRA 0.3	1	569,586	569,586	0	569,586	0	426,056	143,530	484,148	85,438
CPTS 0.4	1	729,464	729,464	0	729,464	0	0	729,464	620,044	109,420
1	17	86,874,169	86,874,169	0	86,032,253	841,915	72,475,383	13,556,870	71,805,387	14,226,866
2	15	89,387,493	88,913,992	473,500	88,631,071	756,422	73,515,246	15,115,825	74,133,316	14,497,754
3	17	55,990,908	55,990,908	0	54,663,319	1,327,589	42,626,634	12,036,685	45,938,011	8,725,307
4	10	14,133,727	14,133,727	0	14,133,727	0	13,405,731	727,996	11,975,936	2,157,791
5	9	20,485,355	20,485,355	0	20,426,410	58,945	16,108,532	4,317,878	18,383,769	2,042,641
5.1	1	7,452,191	7,452,191	0	7,452,191	0	7,452,191	0	3,726,095	3,726,095
6	13	72,981,974	72,981,974	0	64,050,585	8,931,389	40,002,037	24,048,548	57,645,527	6,405,059
7	4	34,136,929	34,136,929	0	31,127,442	3,009,487	29,602,137	1,525,306	26,458,326	4,669,116
8	9	38,136,692	38,136,692	0	36,287,573	1,849,118	21,542,723	14,744,851	30,844,437	5,443,136
9	19	121,373,369	121,062,516	310,853	104,385,668	16,987,701	63,318,073	41,067,595	88,727,818	15,657,850
10	12	142,573,918	110,998,845	31,575,073	98,809,148	43,764,770	73,242,584	25,566,563	83,987,775	14,821,372
11	12	335,734,989	335,734,989	0	279,712,032	56,022,957	214,365,828	65,346,205	237,755,228	41,956,805
11.1	1	14,130,233	14,130,233	0	14,130,233	0	13,967,845	162,388	7,065,116	7,065,116
12	6	50,541,044	50,541,044	0	41,927,801	8,613,243	36,416,444	5,511,357	35,638,631	6,289,170
13	5	48,592,273	48,592,273	0	48,156,964	435,309	45,865,422	2,291,542	40,933,420	7,223,545
14	4	48,620,470	48,620,470	0	46,419,934	2,200,536	34,191,787	12,228,146	39,456,944	6,962,990
15	4	40,164,351	40,164,351	0	39,832,351	332,000	4,356,360	35,475,991	33,857,498	5,974,853
16	5	148,783,013	49,100,014	99,682,999	48,418,687	100,364,326	25,909,859	22,508,828	41,155,884	7,262,803
17	6	91,179,979	76,664,080	14,515,899	75,786,964	15,393,016	6,297,768	69,489,195	64,418,919	11,368,045
18	5	80,245,295	55,841,348	24,403,947	55,199,996	25,045,299	6,082,096	49,117,900	46,919,997	8,279,999
19	4	136,302,059	43,043,261	93,258,798	39,820,975	96,481,084	3,802,455	36,018,520	33,847,829	5,973,146
20	5	104,018,369	44,204,739	59,813,630	37,042,853	66,975,516	2,301,859	34,740,994	31,486,425	5,556,428
21	4	121,770,544	12,542,213	109,228,331	12,542,213	109,228,331	628,114	11,914,099	10,660,881	1,881,332
22	4	120,043,575	12,048,748	107,994,827	12,048,748	107,994,827	0	12,048,748	10,241,436	1,807,312
23	4	124,766,139	12,767,766	111,998,373	12,767,766	111,998,373	0	12,767,766	10,852,601	1,915,165
Total	**200**	**2,266,064,060**	**1,612,760,765**	**653,303,294**	**1,448,642,298**	**817,421,761**	**886,164,245**	**562,478,053**	**1,224,914,972**	**223,727,327**

STATUS OF CWPPRA CONSTRUCTION FUNDS

Construction Program Future Federal Funding (estimated) July 2012 Forecast

PPL	Year	Fed	N/F	Total	Planning
24	FY15	73,277,000	12,931,235	86,208,235	5,000,000
25	FY16	76,225,618	13,451,580	89,677,198	5,000,000
26	FY17	79,664,343	14,058,413	93,722,756	5,000,000
27	FY18	83,722,122	14,774,492	98,496,614	5,000,000
28	FY19	88,358,281	15,592,638	103,950,919	5,000,000
29	FY20	92,916,062	16,396,952	109,313,014	5,000,000
Total		494,163,426	87,205,310	581,368,736	30,000,000

Available Fed Funds	**$1,253,818,864**
N/F Cost Share	**$223,727,327**
Available N/F Cash	**$72,432,115**
WIK credit/cash	**$151,295,212**
Total Available Cash (min)	**$1,477,546,190**
Federal Balance	**$28,903,892**

Total Program Funds w/o Planning	$2,058,914,927
Total Program Funds w Planning	$2,203,914,927
Total Program Capacity w Planning	$2,411,064,060

Estimate	Approved	UnApproved	Funded	Unfunded
422,617,357	422,096,793	520,564	405,795,428	16,821,929
1,843,446,702	1,190,663,972	652,782,730	1,042,846,870	800,599,832
2,266,064,060	1,612,760,765	653,303,294	1,448,642,298	817,421,761

COASTAL WETLANDS, PLANNING, PROTECTION AND RESTORATION PROGRAM (Breaux Act)					
PPL / FY	**PPL Approval Date**	**Funding Received**	**Total Federal Funds**	**Construction Program**	**Planning Program**
FY 92, PPL 1	31-Oct-91	22-Jan-92	33,084,900.00	28,084,900.00	5,000,000.00
FY 93, PPL 2	19-Oct-92	15-Jan-93	33,173,110.00	28,173,110.00	5,000,000.00
FY 94, PPL 3	1-Oct-93		34,939,100.00	29,939,100.00	5,000,000.00
FY 95, PPL 4	16-Dec-94	8-Mar-95	34,957,533.00	29,957,533.00	5,000,000.00
FY 96, PPL 5	28-Feb-96	3-May-96	38,371,625.00	33,371,625.00	5,000,000.00
FY 97,P PL 6	24-Apr-97	31-Mar-97	44,134,000.00	39,134,000.00	5,000,000.00
FY 98, PPL 7	16-Jan-98	6-Jul-98	47,540,715.00	42,540,715.00	5,000,000.00
FY 99, PPL 8	20-Jan-99	20-Mar-99	46,864,078.80	41,864,078.80	5,000,000.00
FY 00, PPL 9	11-Jan-00	21-Aug-00	52,907,300.00	47,907,300.00	5,000,000.00
FY 01, PPL 10	10-Jan-01	1-Mar-01	52,659,220.00	47,659,220.00	5,000,000.00
FY 02, PPL 11	16-Jan-02	15-Jan-02	62,332,369.00	57,332,369.00	5,000,000.00
FY 03, PPL 12	16-Jan-03	7-Jan-03	56,938,097.00	51,938,097.00	5,000,000.00
FY 04, PPL 13	28-Jan-04	29-Apr-04	59,023,130.00	54,023,130.00	5,000,000.00
FY 05, PPL 14	17-Feb-05	30-Mar-05	58,054,804.18	53,054,804.18	5,000,000.00
FY 06, PPL 15	8-Feb-06	28-Jun-06	63,059,645.00	58,059,645.00	5,000,000.00
FY 07, PPL 16	18-Oct-06	25-Apr-07	76,402,871.88	71,402,871.88	5,000,000.00
FY 08, PPL 17	25-Oct-07	24-Apr-08	88,286,685.00	83,286,685.00	5,000,000.00
FY 09, PPL 18	21-Jan-09	14-Apr-09	89,916,488.96	84,916,488.96	5,000,000.00
FY 10, PPL 19	20-Jan-10	10-May-10	84,566,888.73	79,566,888.73	5,000,000.00
FY 11, PPL 20	19-Jan-11	8-Apr-11	82,389,442.49	77,389,442.49	5,000,000.00
FY 12, PPL 21	19-Jan-12	16-Sep-12	79,239,646.73	74,239,646.73	5,000,000.00
FY 13, PPL 22	6-Dec-12	11-Jul-13	80,310,242.78	75,310,242.78	5,000,000.00
FY 14, PPL 23	16-Jan-14	12-May-14	69,666,970.00	64,666,970.00	5,000,000.00
Total			**1,368,818,863.55**	**1,253,818,863.55**	**115,000,000.00**

Future PPL / FY	**Total Federal Funds (DOI - July 2014)**	**Construction Program**	**Planning Program**
FY 15, PPL 24	78,277,000.00	73,277,000.00	5,000,000.00
FY 16, PPL 25	81,225,618.00	76,225,618.00	5,000,000.00
FY 17, PPL 26	84,664,343.00	79,664,343.00	5,000,000.00
FY 18, PPL 27	88,722,122.00	83,722,122.00	5,000,000.00
FY 19, PPL 28	93,358,281.00	88,358,281.00	5,000,000.00
FY 20, PPL 29	97,916,062.00	92,916,062.00	5,000,000.00
Total (Future)	**1,892,982,289.55**	**1,747,982,289.55**	**145,000,000.00**
Estimated Non Fed	**310,932,637.21**	**310,932,637.21**	**0.00**
Total Funding	**2,203,914,926.76**	**2,058,914,926.76**	**145,000,000.00**

Construction Program Funding Requests: TF Approval October 2014

	Program Estimate	TF	FUNDING	TF	Fed	Non-Fed
1. Estimate/Funds Available:						
Approved Funded Estimate PPL 1-23	**$2,270,387,616**					
Total allocations (Fed and State)			**$1,479,532,122**			
Total Funded Estimate			**($1,456,636,923)**			
Total Program / Funds Available:	**$2,270,387,616**		**$22,895,199**			
2. Agenda Item 5a: Recommendation to Deauthorize Project						
Southwest Louisiana Gulf Shoreline Nourishment (ME-24), COE	($35,644,051)		($1,255,248)		($1,066,961)	($188,287)
Total	**($35,644,051)**		**($1,255,248)**		**($1,066,961)**	**($188,287)**
3. Agenda Item 5b: Recommendation to Inactivate Project						
Alligator Bend Marsh Restoration & Shoreline Pro (PO-34), NRCS	($28,517,649)		($286,912)		($243,875)	($43,037)
Total	**($28,517,649)**		**($286,912)**		**($243,875)**	**($43,037)**
4. Agenda Item 11: COE Long-Term Admin, FY17 Incremental Funding Approval Request						
Barataria Basin Landbridge SP (BA27c), PPL-9, NRCS			$1,736		$1,476	$260
Delta Management at Fort St. Philip (BS-11), PPL-10, FWS			$1,100		$935	$165
Coastwide Nutria Control Program (LA-03b) PPL-11 NRCS			$1,133		$963	$170
Coastwide Vegetative Planting (LA-39), PPL-20, NRCS			$2,743		$2,332	$411
Coastwide Reference Monitoring System (CRMS)			$2,000		$1,700	$300
GIWW - Perry Ridge West Bank Stab (CS-30), PPL9, NRCS			$1,091		$927	$164
Lake Borgne Shoreline Protection (PO-30), PPL10, EPA			$968		$823	$145
North Lake Mechant Landbridge Rest (TE-44), PPL-10, FWS			$1,100		$935	$165
Barataria Basin Landbridge SP Ph4 (BA-27d), PPL-11, NRCS			$1,098		$933	$165
Little Lake Shoreline Protection (BA-37), PPL-11, NMFS			$1,133		$963	$170
Barataria Barrier Island Complex (BA-38), PPL-11, NMFS			$817		$694	$123
Pass Chaland to Grand Bayou Pass (BA-35), PPL-11, NMFS			$927		$788	$139
West Lake Boudreaux SP & Marsh Creat (TE-46), PPL-11, FWS			$927		$788	$139
Raccoon Island Shoreline Protection/MC (TE-48), PPL-11, NRCS			$940		$799	$141
South White Lake Shoreline Protection (ME-22), PPL12, COE			$1,311		$1,114	$197
Mississippi River - Bayou Dupont (BA-39), PPL12, EPA			$902		$767	$135
West Belle Pass Barrier Headland (TE-52), PPL-16, NMFS			$900		$765	$135
South Lake Lery Marsh Creation (BS-16), PPL17, FWS			$1,089		$926	$163
GIWW to Clovelly Hydrologic Restoration (BA-02), PPL-1, NRCS			$1,373		$1,167	$206
Brady Canal Hydrologic Rest, (TE-28), PPL-3, NRCS			$1,373		$1,167	$206
Black Bayou Hydrologic Restoration (CS-27), PPL-6, NMFS			$1,481		$1,259	$222
Total	**$0**		**$26,142**		**$22,220**	**$3,921**
5. Agenda Item 12: Request for Funding for the CWPPRA Program's Technical Services						
Construction Program Technical Services	$171,410		$171,410		$145,699	$25,712
Total	**$171,410**		**$171,410**		**$145,699**	**$25,712**

Construction Program Funding Requests: TF Approval October 2014

	Program Estimate	TF	FUNDING	TF	Fed	Non-Fed
6. Agenda Item 14a: Monitoring - PPL 9+ Projects Request Approval for FY17 Incremental Funding						
Barataria Basin Landbridge SP (BA27c), PPL-9, NRCS			$4,539		$3,858	$681
Delta Management at Fort St. Philip (BS-11), PPL-10, USFWS			$17,271		$14,680	$2,591
Coastwide Nutria Control Program (LA-03b)			$91,019		$77,366	$13,653
Coastwide Planting Program (LA-39), PPL 20, NRCS			$91,622		$77,879	$13,743
Total	**$0**		**$204,451**		**$173,783**	**$30,668**
7. Agenda Item 14b: Monitoring - PPL 1-8 Projects Request Approval for FY17 Incremental Funding						
Naomi Outfall Project (BA-03c), PPL-5, NRCS			$5,571		$4,735	$836
West Belle Pass Headland Restoration (TE-23), PPL 2, COE			$28,375		$24,119	$4,256
Total	**$0**		**$33,946**		**$28,854**	**$5,092**
8. Agenda Item 14c: Monitoring - CRMS FY13-15 Incremental Funding Approval Request						
Coastwide Reference Monitoring System (CRMS)			$9,439,266		$8,023,376	$1,415,890
Total	**$0**		**$9,439,266**		**$8,023,376**	**$1,415,890**
9. Agenda Item 14d: Monitoring - PPL 1-8 Project Approval for Budget Increase & FY17 Incremental Funding						
Highway 384 Hydrologic Restoration (CS-21), PPL2, NRCS	$35,032		$35,032		$29,777	$5,255
Total	**$35,032**		**$35,032**		**$29,777**	**$5,255**
10. Agenda Item 15a: O&M - PPL 9+ Projects Request Approval for FY17 Incremental Funding						
GIWW - Perry Ridge West Bank (CS-30), PPL9, NRCS			$6,330		$5,381	$950
Four Mile Canal Terracing (TV-18), PPL-9, NMFS			$16,557		$14,073	$2,484
Barataria Basin Landbridge SP Ph3 (BA-27c), PPL-9, NRCS			$4,582		$3,895	$687
Lake Borgne Shoreline Protection (PO-30), PPL10, EPA			$6,486		$5,513	$973
North Lake Mechant Landbridge (TE-44), PPL-10, FWS			$86,791		$73,772	$13,019
Delta Management at Ft. St, Phillip (BS-11) PPL10, FWS			$5,511		$4,684	$827
Barataria Basin Landbridge SP Ph4 (BA-27d), PPL-11, NRCS			$4,624		$3,930	$694
Little Lake Shoreline Protection (BA-37), PPL-11, NMFS			$75,872		$64,491	$11,381
Barataria Barrier Island Complex (BA-38), PPL-11, NMFS			$22,327		$18,978	$3,349
Pass Chaland to Grand Bayou (BA-35), PPL-11, NMFS			$6,357		$5,403	$954
Coastwide Nutria Control Program (LA-03b), PPL-11, NRCS			$2,324,019		$1,975,416	$348,603
West Lake Boudreaux (TE-46), PPL-11, FWS			$5,602		$4,762	$840
Raccoon Island Shoreline Protection (TE-48), PPL-11, NRCS			$3,439		$2,923	$516
South White Lake Shoreline Protection (ME-22), PPL12, COE			$8,152		$6,929	$1,223
MS River Sediment DS- Bayou Dupont (BA-39), PPL12, EPA			$7,058		$5,999	$1,059
West Belle Pass Barrier Headland (TE-52), PPL-16, NMFS			$354,548		$301,366	$53,182
South Lake Lery Marsh Creation (BS-16), PPL17, FWS			$6,534		$5,554	$980
Coastwide Planting Program (LA-39), PPL 20, NRCS			$2,314,615		$1,967,423	$347,192
Total	**$0**		**$5,259,404**		**$4,470,493**	**$788,911**

Construction Program Funding Requests: TF Approval October 2014

	Program Estimate	TF	FUNDING	TF	Fed	Non-Fed
11. Agenda Item 15b: O&M - PPL 1-8 Projects Request Approval for FY17 Incremental Funding						
GIWW to Clovelly Hydrologic Rest (BA-02), PPL-1, NRCS			$25,438		$21,622	$3,816
Highway 384 Hydrologic Restoration (CS-21), PPL2, NRCS			$22,656		$19,258	$3,398
Point au Fer Canal Plugs (TE-22), PPL-2, NMFS			$9,925		$8,436	$1,489
West Belle Pass Headland Restoration, (TE-23), PPL-2, COE			$9,453		$8,035	$1,418
Cameron Creole Maintenance (CS-04a), PPL3, NRCS			$133,407		$113,396	$20,011
Lake Chapeau Sediment, Point Au Fer (TE-26), PPL-3, NMFS			$9,800		$8,330	$1,470
Brady Canal Hydrologic Rest, (TE-28), PPL-3, NRCS			$100,695		$85,591	$15,104
Black Bayou Hydrologic Restoration (CS-27), PPL-6, NMFS			$269,904		$229,418	$40,486
Barataria Basin Landbridge Ph 1 & 2, (BA-27), PPL-7, NRCS			$4,581		$3,894	$687
Total	**$0**		**$585,859**		**$497,980**	**$87,879**
12. Agenda Item 15c: O&M - PPL 1-8 Project Approval for Budget Increase & FY17 Incremental Funding						
Sabine Structures Hog Island Gully (CS-23), PPL3, FWS	$436,203		$436,203		$370,773	$65,430
Total	**$0**		**$436,203**		**$370,773**	**$65,430**
12. Agenda Item 16: O&M Budget Increase and Incremental Funding approval						
Boston Canal/Vermilion Bay Bank Protection (TV-09), PPL2, NRCS	$630,891		$630,891		$536,257	$94,634
Total	**$630,891**		**$630,891**		**$536,257**	**$94,634**
12. Agenda Item 19: Request for Approval to Initiate Deauthorization (Estimated amount)						
West Pointe a la Hache Outfall Management (BA-04c), PPL3, NRCS	($4,204,883)		($3,103,652)		($2,638,105)	($465,548)
Total	**($4,204,883)**		**($3,103,652)**		**($2,638,105)**	**($465,548)**
Estimate/Funds Available for Recommendations	**$2,270,387,616**		**$22,895,199**			
(2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12) Recommendations	**($67,529,249)**		**($12,176,792)**			
Program Amount/Available Funds Surplus/Shortage	**$2,202,858,366**		**$10,718,407**			

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Lead Agency: DEPT. OF THE ARMY, CORPS OF ENGINEERS										
Priority List 1										
Barataria Bay Waterway Wetland Creation	BARA	JEFF	445	24-Apr-1995 A	22-Jul-1996 A	15-Oct-1996 A	$1,759,257	$1,167,832	66.4	$1,149,679 $1,158,382
	Status:	The enlargement of Queen Bess Island was incorporated into the project and the construction of a 9-acre cell was completed in October 1996, at a cost of $945,678. Remaining funds may be used to clear marsh creation sites of oyster leases. If oyster-related conflicts are removed from the remaining marsh creation sites, these areas will be incorporated into the Corp's O&M disposal plan for the next three maintenance cycles. The USACE, LADNR, and LDWF are currently pursuing an administrative process to identify and prioritize beneficial use sites along the BBWW. Additional monitoring of the Queen Bess site was discontinued in 2002 on the recommendation of the local sponsor and monitoring team. There is no operations and maintenance plan for this project. The 20-year life for this CWPPRA project expires on 15 Oct 2016.									
Bayou Labranche Wetland Creation	PONT	STCHA	203	17-Apr-1993 A	06-Jan-1994 A	07-Apr-1994 A	$4,461,301	$3,786,070	84.9	$3,696,302 $3,674,809
	Status:	Contract awarded to T. L. James Co. (Dredge "Tom James") for dredging approximately 2,500,000 cy of Lake Pontchartrain sediments and placing in marsh creation area. Contract final inspection was performed on April 7, 1994. Site visit by Task Force took place on April 13, 1994. The project is being monitored; the majority of the monitoring has already been completed and is proceeding in accordance as originally planned for this project. The goal of creating a shallow water habitat conducive to the natural establishment of wetland vegetation seems to have been partially met. As sediment continues to consolidate and water is maintained in the area, upland vegetation is expected to be supplanted by more oblilgate wetland species. One project goal is to increase the marsh:open water ratio in the project area to a minimum of 70% emergent marsh to 30% open water after 5 years following project completion. As of 1997, the project area contained about 82% land and 18% water, which is higher than the minimum goal. The consolidation of dredged material over time has reached an elevation that appears to sustain the 70% (land and marsh) component of the project area. The soil properties and the vegetation community of the project have developed into characteristic wetland habitat for the region. The project will be monitored for 20 years. There is no O&M plan for this project; the project's 20 year life expires on 7 Apr 2014.									

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Lake Salvador Shoreline Protection at Jean Lafitte NHP&P	BARA	JEFF		29-Oct-1996 A	01-Jun-1995 A	21-Mar-1996 A	$60,000	$60,375	100.6	$60,375 $60,375

Status: This project was added to Priority List 1 at the March 1995 Task Force meeting. The Task Force approved the expenditure of up to $45,000 in Federal funds and non-Federal funds of $15,000 (25%) for the design of the project.

A design review meeting was held with Jean Lafitte Park personnel in May 1996 to resolve design comments prior to advertisement for the construction contract. The contract was awarded December 4, 1996 for $610,000 to Bertucci Contracting Corp. The contract was completed in March 1997.

Complete. This project was design only.

Vermilion River Cutoff Bank Protection	TECHE	VERMI	65	17-Apr-1993 A	10-Jan-1996 A	11-Feb-1996 A	$1,526,000	$2,047,479	134.2 !	$2,007,627 $2,007,627

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

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

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

Complete.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
West Bay Sediment Diversion	DELTA	PLAQ	9,831	29-Aug-2002 A	10-Sep-2003 A	28-Nov-2003 A	$8,517,066	$50,863,503	597.2 !	$46,276,182 $43,916,228

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

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

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

Total Priority List	1	10,544				$16,323,624	$57,925,258	354.9	$53,190,164 $50,817,421

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

Priority List 2

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Clear Marais Bank Protection	CA/SB	CALCA	1,067	29-Apr-1996 A	29-Aug-1996 A	03-Mar-1997 A	$1,741,310	$3,267,476	187.6 !	$2,964,219 $2,960,979

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

Complete.

West Belle Pass Headland Restoration	TERRE	LAFOU	474	27-Dec-1996 A	10-Feb-1998 A	15-Aug-1998 A	$4,854,102	$6,826,754	140.6 !	$6,642,429 $6,642,429

Status: Status: Original project construction completed July 1998. Supplemental disposal for wetland creation anticipated September 2006.

Problems: Construction of the original project started in February 1998, and pumping of dredged material into the project area for wetland creation began in May 1998. Project area conditions were sub-optimal at the time of disposal due to unforeseen weather patterns. In 1998, the area experienced frequent storm activity with sustained winds, high-energy waves, and large amounts of rainfall. Southerly winds heightened tides and raised water levels in the project area to such an extent that dewatering of the dredged material was greatly inhibited. Slurry heights were difficult to determine and therefore, estimates of the amount and height of the material placed in the project area were uncertain at best. In addition, winds from the west battered the project area making the integrity of dike between Timbalier Bay and Bay Toulouse extremely difficult to maintain. The material for the dike had to be layered in geotextile to hold it together and, shortly after disposal was discontinued, the dike breached from the high water and waves affecting the project area. As a result, once the project's disposal areas dewatered and settled shallow open water still remained in much of the project area where emergent wetlands were anticipated. Therefore, with the 2006 scheduled maintenance of the inland portion of Bayou Lafourche and Belle Pass upcoming, CEMVN plans to once again deposit maintenance material from these channels into the West Belle Pass project area in an effort to complete the wetland restoration anticipated under the original project.

All the dredged material containment features and rock protection of the project were constructed during the original construction. However, refurbishment of the westernmost retainment dike and reconstruction of the closure between Timberlier Bay and Bay Toulouse would be necessary to achieve a second disposal into the project area.

Restoration Strategy: Dredged material from Bayou Lafourche and Belle Pass would be deposited in the bays and canals of the project area to an elevation between +3.5 to +4.0 feet (ft) MLG, so that the settled elevation would be approximately the same as nearby healthy marsh, which occurs between +2.0 and +2.5 ft MLG.

Progress to Date: Supplemental Environmental Assessment # 271B is currently out on public review. Construction of the project is anticipated to begin in mid September.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		2	1,541				$6,595,412	$10,094,230	153.0	$9,606,649 $9,603,409

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

Priority List 3

Channel Armor Gap Crevasse	DELTA	PLAQ	936	13-Jan-1997 A	22-Sep-1997 A	02-Nov-1997 A	$808,397	$802,870	99.3	$824,465 $824,465

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

Surveys identified a pipeline in the crevasse area which would be negatively impacted by the project. US Fish & Wildlife Service reviewed their permit for the pipeline and determined that Shell Pipeline was required to lower it at their own cost. USFWS requested a modification to the alignment on USFWS-owned lands.

Construction complete.

MRGO Disposal Area Marsh Protection	PONT	STBER	755	17-Jan-1997 A	25-Jan-1999 A	29-Jan-1999 A	$512,198	$318,445	62.2	$318,445 $318,445

Status: Completed scope of work greatly reduced. Work was to be performed via a simplified acquisition contract as estimated construction cost is under $100,000. Bids received were higher than Government estimate by 25%. Subsequently received an in-house labor estimate from Vicksburg District. Vicksburg District completed construction on 29 January 1999.

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Pass-a-Loutre Crevasse DEAUTHORIZED	DELTA	PLAQ					$2,857,790	$119,835	4.2	$119,835 $119,835
	Status:	Two pipelines and two power poles are in the area of the crevasse, increasing relocation costs by approximately $2.15 million. LA DNR asked that the Corps investigate alternative locations to avoid or minimize impacts to the pipelines, but there are no more suitable locations for the cut. The Corps has also reviewed the design to determine whether relocations cost-savings could be achieved. Reducing the bottom width of the crevasse from 430 feet as originally proposed to 200 feet reduced the relocation cost only marginally. A draft memorandum dated December 5, 1997 was sent to the CWPPRA Technical Committee Chairman requesting the Task Force to deauthorize the project. COE requested deauthorization at the January 16, 1998 Task Force meeting. Task Force formally deauthorized project July 23, 1998.								
Total Priority List		3	1,691				$4,178,385	$1,241,150	29.7	$1,262,745 $1,262,745

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

Priority List 4

Beneficial Use of Hopper Dredge Material Demo DEAUTHORIZED	DELTA	PLAQ		30-Jun-1997 A			$300,000	$58,310	19.4	$58,310 $58,310
	Status:	Current scheme was found to be non-implementable due to inability of the hopper dredge to get close enough to the disposal area to spray over the bank of the Mississippi River. Project deauthorized October 4, 2000.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Grand Bay Crevasse DEAUTHORIZED	BRET	PLAQ					$2,468,908	$65,747	2.7	$65,747 $65,747

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

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

Total Priority List		4					$2,768,908	$124,057	4.5	$124,057 $124,057

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

Priority List 5

Bayou Chevee Shoreline Protection	PONT	ORL	75	01-Feb-2001 A	25-Aug-2001 A	17-Dec-2001 A	$2,555,029	$2,589,403	101.3	$2,359,294 $2,355,937

Status: As of Oct 2013, CPRA was in the process of working up a cost estimate for a scheduled rock lift for the Bayou Chevee project.

Total Priority List		5	75				$2,555,029	$2,589,403	101.3	$2,359,294 $2,355,937

1 Project(s)
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 ARMY (COE)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Priority List 6										
Flexible Dustpan Demo at Head of Passes Demo	DELTA	PLAQ	0	31-May-2002 A	03-Jun-2002 A	21-Jun-2002 A	$1,600,000	$1,909,020	119.3	$1,902,570 $1,889,631
	Status:	CSA executed May 31, 2002. Construction completed June 21, 2002.								
		The Dustpan/Cutterhead Marsh Creation Demonstration project as originally approved, no longer involves the use of a cutterhead dredge. At the October 25, 2001 Task Force meeting, it was approved the motion to use the authorized funds for a "flexible dustpan" demonstration project and approved changing the name of the project to "Flexible Dustpan Demo at Head of Passes".								
		The project was completed as an operations and maintenance task order through an ERDC research and development IDC contract. The project identified some minor areas of concern with regard to the dredge plants effectiveness as a maintenance tool. The dredge was effective in its performance for the beneficial placement of material. The final surveys and quantities have not yet been reported.								
Marsh Creation East of the Atchafalaya River-Avoca Island DEAUTHORIZED	TERRE	STMRY					$6,438,400	$66,869	1.0	$66,869 $66,869
	Status:	A draft memorandum dated December 5, 1997 was sent to the Technical Committee Chairman requesting the Task Force to deauthorize the project. COE requested deauthorization at the January 16, 1998 Task Force meeting.								
		Project deauthorized July 23, 1998.								
Marsh Island Hydrologic Restoration	TECHE	IBERI	408	01-Feb-2001 A	25-Jul-2001 A	12-Dec-2001 A	$4,094,900	$5,143,323	125.6 !	$4,463,197 $4,427,376
	Status:	Approval of model CSA for PPL 5, 6 and 8 projects granted on November 13, 2000. CSA executed on February 1, 2001. Advertised as 100% small business set-aside. Construction began July 2001 and completed December 2001.								
		Revised design of closures from earthen to rock because soil borings indicate highly organic material in borrow area.								

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Total Priority List		6	408				$12,133,300	$7,119,212	58.7	$6,432,635 $6,383,875

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

Priority List 8

Sabine Refuge Marsh Creation, Cycle 1	CA/SB	CAMER	214	09-Mar-2001 A	15-Aug-2001 A	26-Feb-2002 A	$15,724,965	$3,422,433	21.8	$3,430,704 $3,422,433

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

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

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

Sabine Refuge Marsh Creation, Cycle 2	CA/SB	CAMER	261	17-Feb-2005 A	28-Apr-2009 A		$9,266,842	$14,351,768	154.9 !	$11,096,900 $11,092,083

Status: Currently this project is complete but are waiting on the O&M Manual to be completed by the Corps before this pipeline can be used.

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Sabine Refuge Marsh Creation, Cycle 3	CA/SB	CAMER	187	28-Mar-2005 A	25-Oct-2006 A	30-Sep-2010 A	$3,629,333	$3,038,248	83.7	$2,763,802 $2,763,802
	Status:	This project was approved by the Task Force as a part of Priority Project List 8. The project consists of constructing 5 marsh creation sites within the Sabine National Wildlife Refuge using material dredged out of the Calcasieu River Ship Channel. The current estimated project cost to construct all cycles is approximately $21.4 million. The first cycle was completed on February 26, 2002. The total project cost for dredging cycle 1 was $3,412,415. The project was advertised for bid as a component of the Calcasieu River and Pass Maintenance Dredging contract on February 16, 2001. Construction initiation was advanced in conjunction with an accelerated maintenance dredging schedule for the Calcasieu River. On January 28, 2004, the CWPPRA Task Force provided additional funding and construction approval for Cycles 2 and 3. Construction of Cycle 2 was completed in 2009. Cycle 3 consists of the creation of 232 acres of marsh platform using material dredged from the Calcasieu River Ship Channel. Between February 12 and March 31, 2007, 828,767 cubic yards of dredged sediment material were placed into the Sabine Refuge Cycle 3 marsh creation area. Lower level earthen overflow weirs were constructed to assist in the dewatering of the marsh creation disposal area and to create fringe marsh with the overflow. The dredged slurry was placed between elevations 2.03 NAVD 88 and 2.71 NAVD 88. Construction of low level weirs along north and west boundary of Cycle 3 allowed 10 to 20 percent of the dredged material to splay into the surrounding area. Containment along the South and East border was breached in Fall of 2010 to complete all construction items.								
Total Priority List		8	662				$28,621,140	$20,812,449	72.7	$17,291,406 $17,278,318

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

Priority List 9

Freshwater Bayou Bank Stabilization - Belle Isle Canal to Lock INACTIVE	TECHE	VERMI					$1,498,967	$1,101,738	73.5	$1,101,738 $1,101,738
	Status:	A site visit was held in January 2001 with the Local Sponsor and landowner. Right of entry for surveys and borings was obtained March 14, 2001, and data collection followed. The USACE team met with LDNR staff after survey data was processed and obtained consensus on cross-sections and depth contours. A 30% design review was held in June 2002. The project was revised to include Area A - shoreline protection work only dropping a hydrologic restoration feature. A 95% design review was completed in January 2004. Phase II authorization will be sought again in January 2007.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Opportunistic Use of the Bonnet Carre Spillway DEAUTHORIZED	PONT	STCHA					$150,706	$83,932	55.7	$83,932 $83,932
	Status:	At the June 27, 2007 CWPPRA Task Force meeting, the Task Force voted to begin the deauthorization process for this project. In accordance with the CWPPRA Project Standard Operating Procedures Manual, notices were sent out in July 2007 to all interested parties requesting their comments and advising them that, at the next CWPPRA Task Force meeting (currently scheduled for October 25, 2007), a final decision on deauthorization will be made.								
Periodic Intro of Sediment &Nutrients Demo DEAUTHORIZED	COAST	VARY					$1,502,817	$83,556	5.6	$83,556 $83,556
	Status:	In August 2005, project was stalled due to Katrina workload. In November 2006 team began coordinating with 4th Supplemental project, Modification to Caenarvon, to ensure consistency. Currently the team needs to fully develop Preliminary Design Report. Team is working on updating costs to reflect post-Katrina price levels. Also, the team is working on developing benefits of a thin layer of sediment versus marsh creation.								
Weeks Bay MC & SP TRANSFER	TECHE	IBERI					$1,229,337	$534,057	43.4	$534,057 $534,057
	Status:	This project was transferred out of the CWPPRA Program per Task Force decision on 4 Jun 2013. It was transferred to the Iberia Parish Levee, Hurricane, and Conservation District per their 3 Jun 2013 request.								
Total Priority List		9					$4,381,827	$1,803,283	41.2	$1,803,283 $1,803,283

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

Priority List 10

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Benneys Bay Diversion DEAUTHORIZED	DELTA	PLAQ					$1,076,328	$976,581	90.7	$976,581 $976,581
	Status:	This project was approved for Phase I design on PPL9 in January 1999. The project work plan for Phase I was submitted to the P&E Subcommittee in May 2001. Right of Entry to perform surveys and geotechnical borings was received in August 2001. Site surveys were performed in October 2001 and geotechnical borings were collected in June 2002. A 30% design review was completed in September 2002. At the design review meeting agreement was reached to proceed further with the proposed design except for one feature (SREDs - sediment retention enhancement devices) which were removed at the request of the local sponsor. A Final Design Report has been developed and is being reviewed by the LDNR. A revised WVA and design cost estimate are in preparation for review at the CWPPRA working groups. The project is scheduled to complete all design work in 2006 in preparation for a Phase II funding request.								
Delta Building Diversion at Myrtle Grove DEAUTHORIZED	BARA	JEFF					$3,002,114	$2,543,325	84.7	$2,543,325 $2,543,325
	Status:	The proposed NMFS/UNO fisheries modeling effort, and its relationship to required EIS input, has been discussed by the principal agencies involved with this project. The current view within the management team is that additional fisheries data collection and analysis will be required over and above the proposed modeling. At this time, it has been decided to begin assembling an inter-agency EIS team and allow them to outline major data and analytic requirements for the NEPA document. The required NEPA scoping meetings have been held and the scoping document is being compliled. An initial Value Engineering study is scheduled for the week of July 22, 2002. WRDA may fund Phase 2.								
Delta Building Diversion North of Fort St. Philip DEAUTHORIZED	BRET	PLAQ					$1,155,200	$1,178,640	102.0	$1,178,640 $1,178,640
	Status:	95% desgin review anticipated July 25, 2007.								
Total Priority List		10					$5,233,642	$4,698,546	89.8	$4,698,546 $4,698,546

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Priority List 12										
Avoca Island Diversion DEAUTHORIZED	TERRE	STMRY					$2,229,876	$1,716,949	77.0	$1,716,949 $1,716,949
Status: The TE-49 Avoca Diversion and Land Building Project was deauthorized per CWPPRA Task Force decision on 4 June 2013.										
Lake Borgne and MRGO Shoreline Protection DEAUTHORIZED	PONT	STBER					$1,348,345	$1,089,193	80.8	$1,089,193 $1,089,193
Status: This project was approved for Phase I design on PPL12 in January 2003. A kickoff meeting and site visit were held in April 2003. The project work plan for Phase I was submitted to the P&E Subcommittee in October 2003. Right of Entry to perform surveys and geotechnical borings was requested in June 2003 and received in August 2003. Surveys and geotechnical borings were collected during fall 2003. A preliminary design report was completed in December 2003. A 30% design review was held in August 2004. A 95% design review was held on March 29, 2005. A request for Phase II construction approval from the Task Force is scheduled for January 2007.										
Mississippi River Sediment Trap DEAUTHORIZED	DELTA	PLAQ					$1,880,376	$354,791	18.9	$354,791 $354,791
Status: This complex project was approved for Phase I design activities in August 2002. A kickoff meeting was held in September 2002. The project work plan is under development pending a plan reformulation meeting with the LA Dept. of Natural Resources and Corps of Engineers design teams.										
South White Lake Shoreline Protection	MERM	VERMI	844	24-Mar-2005 A	01-Nov-2005 A	29-Aug-2006 A	$19,673,929	$10,535,962	53.6	$10,503,429 $10,462,852
Status: CPRA O&M is in the process of setting up the 2014 annual site inspection trip for the ME-22 project; it is tentatively set to occur in the late June or early July 2014 timeframe with report to follow.										

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Total Priority List		12	844				$25,132,526	$13,696,893	54.5	$13,664,361 $13,623,783

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

Priority List 13

Shoreline Protection Foundation Improvements Demo	COAST	COAST	0	24-Mar-2005 A	01-Nov-2005 A	29-Aug-2006 A	$1,000,000	$707,839	70.8	$707,839 $707,839
	Status:	DEMO Final Report was completed and presentation on project & copies of report were provided at the CWPPRA Task Force Meeting on 16 Jan 2014.								
Spanish Pass Diversion DEAUTHORIZED	DELTA	PLAQ					$1,137,344	$310,152	27.3	$310,152 $310,152
	Status:	The MR-14 Spanish Pass Diversion project was deauthorized per CWPPRA Task Force decision on 4 June 2013.								
Total Priority List		13	0				$2,137,344	$1,017,991	47.6	$1,017,991 $1,017,991

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

Priority List 16

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	CSA	SCHEDULES Const Start	SCHEDULES Const End	ESTIMATES Baseline	ESTIMATES Current	%	Actual Obligations/ Expenditures
Southwest LA Gulf Shoreline Nourishment &Protection	MERM	CAMER	888		30-Jun-2017	10-Jul-2018	$1,266,842	$1,266,842	100.0	$11,594 $11,594
	Status:	This project was approved for Phase 1 design in Oct 2006. The COE internal project delivery team (PDT) has been assembled. Upon attainment of a Cost Share Agreement with CPRA, a Phase 1 work plan will be developed and a kickoff meeting/site visit scheduled. In Mar 2009, a project Fact Sheet and map was approved by the New Orleans District for placement on the LaCoast website. At this time, the project is unable to be further developed by the COE and the CPRA until a Cost Share Agreement is signed.								
Total Priority List		16	888				$1,266,842	$1,266,842	100.0	$11,594 $11,594

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

Total	**DEPT. OF THE ARMY, CORPS OF ENGINEERS**		**16,653**				**$111,327,979**	**$122,389,315**	**109.9**	**$111,462,725** **$108,980,958**

33 Project(s)
18 Cost Sharing Agreements Executed
17 Construction Started
16 Construction Completed
15 Project(s) Deferred/Deauthorized

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY, REGION 6										
Priority List Conservation Plan										
State of Louisiana Wetlands Conservation Plan	COAST	COAST		13-Jun-1995 A	03-Jul-1995 A	21-Nov-1997 A	$238,871	$143,855	60.2	$143,855 $143,855
	Status:	The date the MIPR was issued to obligate the Federal funds for the development of the plan is used as the construction start date for reporting purposes. Complete.								
Total Priority List		Cons Plan					$238,871	$143,855	60.2	$143,855 $143,855

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

Priority List 1										
Isles Dernieres Restoration East Island	TERRE	TERRE	9	17-Apr-1993 A	16-Jan-1998 A	15-Jun-1999 A	$6,345,468	$8,762,416	138.1 !	$8,663,947 $8,663,947
	Status:	This phase of the Isles Dernieres restoration project was combined with Isles Dernieres, Phase I (Trinity Island), a priority list 2 project. Additional funds to cover the increased construction cost on lowest bid received were approved at the January 16, 1998 Task Force meeting. Construction start was January 16, 1998. Hydraulic dredging was completed September 1998. Vegetation planting was completed June 1999.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		1	9				$6,345,468	$8,762,416	138.1	$8,663,947 $8,663,947

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

Priority List 2

Isles Dernieres Restoration Trinity Island	TERRE	TERRE	109	17-Apr-1993 A	27-Jan-1998 A	15-Jun-1999 A	$6,907,897	$10,774,974	156.0 !	$10,799,102 $10,800,134

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

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

Total Priority List		2	109				$6,907,897	$10,774,974	156.0	$10,799,102 $10,800,134

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

Priority List 3

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Red Mud Demo DEAUTHORIZED	PONT	STJON		03-Nov-1994 A			$350,000	$520,129	148.6 !	$520,129 $520,129
	Status:	Facility construction is essentially complete; project was put on hold pending resolution of cell contamination by saltwater before planting occurred and has subsequently been deauthorized. Demonstration cells completed; no vegetation installed. The Task Force approved the deauthorization of the project on August 7, 2001. Escrowed funds will be returned to Kaiser Aluminum and Chemical Corp.								
Whiskey Island Restoration	TERRE	TERRE	1,239	06-Apr-1995 A	13-Feb-1998 A	15-Jun-2000 A	$4,844,274	$7,043,188	145.4 !	$7,043,188 $7,043,188
	Status:	At the January 16, 1998 meeting, the Task Force approved additional funds to cover the increased construction cost on lowest bid received. Work was initiated on February 13, 1998. Dredging completed July 1998. Initial vegetation with spartina on bay shore, July 1998. Additional vegetation seeding/planting was carried out in spring 2000.								
	Total Priority List	3	1,239				$5,194,274	$7,563,317	145.6	$7,563,317 $7,563,317

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

Priority List 4

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	SCHEDULES CSA	SCHEDULES Const Start	SCHEDULES Const End	ESTIMATES Baseline	ESTIMATES Current	ESTIMATES %	Actual Obligations/ Expenditures
Compost Demo DEAUTHORIZED	CA/SB	CAMER		22-Jul-1996 A			$370,594	$255,391	68.9	$255,391 $255,391

Status: Plans and specifications have been finalized. All permits and construction approvals have been obtained.

The amount of compost vegetation needed has not yet been supplied. A smaller sized demonstration has been designed. Advertisement for construction bids has been made.

The Task Force approved deauthorization on January 16, 2002.

Total Priority List	4						$370,594	$255,391	68.9	$255,391 $255,391

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

Priority List 5

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

Status: Project was deauthorized by the Task Force on October 25, 2007.

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

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Priority List 5.1										
Mississippi River Reintroduction into Bayou Lafourche DEAUTHORIZED	TERRE	IBERV		23-Jul-2003 A			$9,700,000	$7,452,191	76.8	$7,452,191 $7,452,191
	Status:	The Mississippi River Reintroduction into Bayou Lafourche Project (BA-25b) has been proposed for de-authorization from the CWPPRA program. However, recognizing the importance of this project, the State of Louisiana, through the Louisiana Department of Natural Resources, has committed to developing this project and is continuing final design efforts toward completion beyond its authorization under the CWPPRA program.								
Total Priority List		5.1					$9,700,000	$7,452,191	76.8	$7,452,191 $7,452,191

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

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

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

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

Priority List 9

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
LA Highway 1 Marsh Creation DEAUTHORIZED	BARA	LAFOU		05-Oct-2000 A			$1,151,484	$250,257	21.7	$250,257 $250,257
	Status:	The project was deauthorized at the February 17, 2005 Task Force meeting.								
New Cut Dune and Marsh Restoration	TERRE	TERRE	102	01-Sep-2000 A	01-Oct-2006 A	30-Sep-2008 A	$7,393,626	$11,842,197	160.2 !	$10,213,368 $10,192,472
	Status:	Lessoned learned meeting was held on April 23, 2008. LDNR grant for Phase II construction activities was closed-out on September 30, 2008. Remaining Phase II increment activities included on-going annual inspections.								
Timbalier Island Dune & Marsh Restoration	TERRE	TERRE	273	05-Oct-2000 A	01-Jun-2004 A	19-Mar-2009 A	$16,234,679	$16,675,496	102.7	$15,152,860 $15,149,562
	Status:	Lessoned learned meeting was held on April 23, 2008. LDNR grant for Phase II construction activities was closed-out on March 19, 2009. Remaining Phase II increment activities included on-going annual inspections.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		9	375				$24,779,789	$28,767,951	116.1	$25,616,486 $25,592,291

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

Priority List 10

Hydrologic Restoration & Vegetative Planting in the Lac des Allemands Swamp	BARA	STJAM	941	08-Oct-2001 A	01-Aug-2015	01-Feb-2016	$1,899,834	$2,362,687	124.4	$2,031,257 $796,324
	Status:	Notice to Proceed has been processed and field work is set to begin as early as December 17. Field work should be complete in late February, with modeling commencing immediately afterwards. Modeling will last approximately 3-4 months, expected to be complete by early summer.								
Lake Borgne Shoreline Protection	PONT	STBER	165	02-Oct-2001 A	01-Aug-2007 A	12-Apr-2010 A	$18,378,900	$28,646,027	155.9 !	$18,252,090 $18,249,538
	Status:	Construction grant has expired and final Phase 1 activities in the process of being closed-out.								
Total Priority List		10	1,106				$20,278,734	$31,008,714	152.9	$20,283,347 $19,045,862

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

Priority List 11

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
River Reintroduction into Maurepas Swamp TRANSFER	PONT	STJON		04-Apr-2002 A	01-Feb-2015	01-Feb-2018	$5,434,288	$6,780,307	124.8	$6,655,948 $5,991,279
	Status:	Completion of 95% design has been further delayed, but is currently expected to be met by October, 2013. Plans are to request transfer of the project from CWPPRA, to CPRA in the near future. However, CWPPRA SOP requires that all project expenditures of CWPPRA funds cease as soon as the request is made, and EPA and CPRA still have some necessary expenditures that will need to come from the remaining CWPPRA funds, so it is not possible for us to request project transfer at this time.								
Ship Shoal: Whiskey West Flank Restoration INACTIVE	TERRE	TERRE		17-Mar-2003 A	15-Jan-2014 *	01-Oct-2014 *	$2,998,960	$3,717,855	124.0	$2,008,205 $2,008,205
	Status:	Phase 2 funding was reqeusted, but not recommended, at the December 2012 Technical Committee Meeting. Sponsors will determine whether future Phase 2 requests will be made.								
Total Priority List		11					$8,433,248	$10,498,162	124.5	$8,664,153 $7,999,485

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

Priority List 12

Bayou Dupont Sediment Delivery System	BARA	PLAQ	326	21-Mar-2004 A	04-Feb-2009 A	30-Jun-2013 *	$28,342,879	$27,162,306	95.8	$25,068,130 $21,801,949
	Status:	Additional post-primary construction activities will not be pursued. Sponsors will be proceeding with construction grant close-out activities.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		12	326				$28,342,879	$27,162,306	95.8	$25,068,130 $21,801,949

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

Priority List 13

Whiskey Island Back Barrier Marsh Creation	TERRE	TERRE	272	29-Sep-2004 A	11-Feb-2009 A	30-Nov-2013 *	$27,453,090	$30,163,401	109.9	$32,257,364 $29,321,349
	Status:	After further assessment of project vegetation, sponsors intend to pursue an additional vegetation planting event.								
Total Priority List		13	272				$27,453,090	$30,163,401	109.9	$32,257,364 $29,321,349

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

Priority List 15

Bayou Lamoque Freshwater Diversion TRANSFER	BRET	PLAQ	620				$1,205,354	$9,510	0.8	$9,510 $9,510
	Status:	Project was deauthorized by the Task Force on October 25, 2007.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Venice Ponds Marsh Creation and Crevasses INACTIVE	DELTA	PLAQ		19-Jun-2009 A	01-Sep-2013 *	01-Sep-2014 *	$1,074,522	$1,074,522	100.0	$922,576 $490,532
	Status:	Phase 2 funding was reqeusted, but not recommended, at the December 2012 Technical Committee Meeting. Sponsors will determine whether future Phase 2 requests will be made.								
Total Priority List		15	620				$2,279,876	$1,084,032	47.5	$932,086 $500,042

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

Priority List 16

Enhancement of Barrier Island Vegetation Demo	COAST	COAST	0	27-Jul-2007 A	14-Jun-2010 A	31-Dec-2010 A	$919,599	$919,599	100.0	$1,054,959 $736,686
	Status:	A draft final report was received and reviewed, with minimal comments. Subsequently, a final report was completed.								
Total Priority List		16	0				$919,599	$919,599	100.0	$1,054,959 $736,686

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

Priority List 17

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Bohemia Mississippi River Reintroduction DEAUTHORIZED	BRET	PLAQ		16-Jul-2008 A			$1,359,699	$463,336	34.1	$463,336 $463,336
	Status:	Project delayed due to considerations of State Master Plan consistency. Project deauthorization process to be initiated pending direction of Task Force vote.								
Total Priority List		17					$1,359,699	$463,336	34.1	$463,336 $463,336

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

Priority List 18

Bertrandville Siphon DEAUTHORIZED	BRET	PLAQ		15-Jun-2011 A	01-Jun-2015	01-Jun-2017	$2,129,816	$2,129,816	100.0	$1,819,047 $477,683
	Status:	Project delays due to considerations of State Master Plan consistency and pursuit of landowner support.								
Total Priority List		18					$2,129,816	$2,129,816	100.0	$1,819,047 $477,683

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

Priority List 22

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Bayou Dupont Sediment Delivery-Marsh Creation 3	BARA	PLAQ	383	23-Aug-2013 A			$38,279,163	$3,415,930	8.9	$0 $0
	Status:	The Cooperative Agreement was effective on 8/23/2013. Engineering and Design are underway including data collection. The Geotech notice to proceed has been issued but is currently on hold pending a permit from USACE. Moffit and Nichol is assisting CPRA with the design of the project. Currenly estimating a July 2014 date for a 30% E&D review meeting.								
Total Priority List		22	383				$38,279,163	$3,415,930	8.9	$0 $0

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

Priority List 23

Caminada Headlands Back Barrier Marsh Creation	BARA		181				$31,034,094	$3,354,935	10.8	$2,961,723 $0
	Status:									
Total Priority List		23	181				$31,034,094	$3,354,935	10.8	$2,961,723 $0

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

	PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total	ENVIRONMENTAL PROTECTION AGENCY, REGION 6			4,620				$238,684,428	$175,423,776	73.5	$155,501,884 $142,320,968

24 Project(s)
21 Cost Sharing Agreements Executed
9 Construction Started
7 Construction Completed
11 Project(s) Deferred/Deauthorized

Notes:

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

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

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

Priority List 1

Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 1	PONT	ORL	1,550	17-Apr-1993 A	01-Jun-1995 A	30-May-1996 A	$1,657,708	$1,680,193	101.4	$1,633,234 $1,400,943

Status: Construction was completed in May 1996. The Operation and Maintenance Plan was approved in October 2004. The FWS is the lead O&M agency for this project in coordination with the State Coastal Protection and Restoration Authority (CPRA).

The Corps of Engineers removed the two 30-inch diameter CWPPRA-constructed pumping stations in 2010 and replaced them in December 2011. This was done because larger pumps were needed to accommodate the larger hurricane protection levees modified in 2011.

Cameron Creole Plugs	CA/SB	CAMER	865	17-Apr-1993 A	01-Oct-1996 A	28-Jan-1997 A	$660,460	$1,146,585	173.6 !	$1,093,774 $1,079,096

Status: The Cameron-Creole Plugs project was constructed on February 1, 1997. The Fish and Wildlife Service and the State Coastal Protection and Restoration Authority (CPRA) finalized an Operation and Maintenance Plan in 2002. The CPRA will be responsible for project maintenance.

Cameron Prairie National Wildlife Refuge Shoreline Protection	MERM	CAMER	247	17-Apr-1993 A	19-May-1994 A	09-Aug-1994 A	$1,177,668	$1,227,123	104.2	$1,064,845 $1,054,719

Status: The 20-year project end date is August 9, 2014. A decision will be made in the near future concerning project close-out. To date no maintenance has been needed and $39,963 expended on O&M inspections. The Corps installed warning signs in 2001 due to navigation complaints the rock was obscured by vegetation. The rock dike is not within the GIWW navigation channel. Those signs are not a project feature for maintenance. The 2012 O&M inspection reported that the rock dike is in good condition.

Two small sections of lower rock allowing water exchange were noted during the March 2012 O&M inspection, but there was no need of maintenance at that time. Those low areas were noted in previous inspections.

Sabine National Wildlife Refuge Erosion Protection	CA/SB	CAMER	5,542	17-Apr-1993 A	24-Oct-1994 A	01-Mar-1995 A	$4,895,780	$1,602,656	32.7	$1,324,713 $1,309,987

Status:

The Fish and Wildlife Service and the LA Dept.of Natural Resources are finalizing a draft Operation and Maintenance Plan. The LDNR will be responsible for project maintenance

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		1	8,204				$8,391,616	$5,656,557	67.4	$5,116,566 $4,844,745

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

Priority List 2

Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 2	PONT	ORL	1,280	30-Jun-1994 A	15-Apr-1996 A	28-May-1997 A	$1,452,035	$1,692,552	116.6	$1,549,440 $1,442,643

Status: Construction was completed on March 18, 1997 and accepted at a final inspection on May 28, 1997. The Operation and Maintenance Plan was approved in October 2004. The FWS is the lead O&M agency for this project.
The Corps of Engineers removed the two 33-inch diameter CWPPRA-constructed pumping stations in 2010 and replaced them in December 2011. This was done because larger pumps were needed to accommodate the larger hurricane protection levees modified in 2011.

Total Priority List		2	1,280				$1,452,035	$1,692,552	116.6	$1,549,440 $1,442,643

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

Priority List 3

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Sabine Refuge Structure Replacement (Hog Island)	CA/SB	CAMER	953	26-Oct-1996 A	01-Nov-1999 A	10-Sep-2003 A	$4,581,454	$5,709,299	124.6	$5,724,454 $5,443,741

Status: Sabine Refuge Structure Replacement Project

Status January 2008

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

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

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

Continued Problems at the Hog Island Gully Structure during 2004

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

The Monitoring Plan was approved on June 17, 1999.

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

Current Structure Operations and Repair Post Hurricane Rita

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		3	953				$4,581,454	$5,709,299	124.6	$5,724,454 $5,443,741

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

Priority List 5

Grand Bayou Hydrologic Restoration DEAUTHORIZED	TERRE	LAFOU		28-May-2004 A			$5,135,468	$1,452,357	28.3	$1,452,357 $1,452,357

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

Total Priority List		5					$5,135,468	$1,452,357	28.3	$1,452,357 $1,452,357

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

Priority List 6

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Lake Boudreaux Freshwater Introduction	TERRE	TERRE	266	22-Oct-1998 A	01-Jun-2013 *	01-Oct-2014 *	$9,831,306	$20,048,152	203.9 !	$3,237,396 $3,107,784
	Status:	Acquisition of new appraisals and associated plats has delayed landrights work. The updated appraisals have been incorporated into the final landrights documents which are being submitted to property owners for execution. Review of the permit application has been put on hold until the permitting agencies conclude how to address the concurrent Parish proposal for a forced drainage project along the east flank of Bayou Grand Caillou (in the project area).								
Nutria Harvest for Wetland Restoration Demo	COAST	COAST	0	27-Oct-1998 A	20-Sep-1998 A	30-Oct-2003 A	$2,140,000	$806,220	37.7	$806,220 $806,220
	Status:	Nutria Harvest Demonstration Project Status July 2005 From April through June 2003 the following activities were completed: Promotional Events: 1) Chef Parola demonstrated nutria meat preparation and organized judging for the U. S. Army Corps of Engineers annual “Earth Day Celebration” in New Orleans, 2) LDWF assisted Chef Kevin Diez by providing nutria meat for the Baton Rouge Family Fun Fair, and 3) LDWF provided nutria sausage to the Opelousas Chamber of Commerce for a national cycling event. LDWF contracted with Firefly Digital to upgrade the Nutria Website “www.nutria.com” to be completed in September 2003. The upgrade will provide easier site navigational access and more accurate and rapid user information. This project was completed in October 2003. The project sponsors have completed project close-out activities.								
Total Priority List		6	266				$11,971,306	$20,854,372	174.2	$4,043,616 $3,914,004

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 INTERIOR (FWS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Sabine Refuge Marsh Creation, Cycles 4 & 5	CA/SB	CAMER	331	06-May-2014 A	01-Aug-2014 *		$10,328,064	$10,169,154	98.5	$4,362,793 $0
	Status:	This project has completed all steps to be advertised for construction. The Corps has scheduled this project to be advertised in early May 2014.								
Total Priority List		8	331				$10,328,064	$10,169,154	98.5	$4,362,793 $0

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

Priority List 9

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Freshwater Introduction South of Highway 82	MERM	CAMER	296	12-Sep-2000 A	01-Sep-2005 A	13-Dec-2006 A	$6,051,325	$5,159,594	85.3	$5,052,490 $5,052,455

Status:

Highway 82 Freshwater Introduction

Status July 2005

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

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

Hydrodynamic Modeling Study

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

Model Results

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

30% Design Review Meeting

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

NEPA Review

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

The Corps and LA Dept of Natural Resources permit and consistency applications were submitted on January 30, 2004. DNR's initial and modified Consistency Determinations were received on March 11, 2004, and June 3, 2004 respectively. The modified Corps permit applications were submitted May 27, 2004. The Corps public notices were issued on June 18, 2004. LA Dept. of Transportation letters of no objection were received on October 2, 2003, February 2, 2004, and April 19, 2004. The Corps Section 404 permits were received on March 10 and March 18, 2005. The draft Environmental Assessment was submitted for agency review on September 10, 2004, and the Final Environmental Assessment and Finding of No Significant Impact was distributed on April 12, 2005.

Phase II Construction Items

A successful 95% Design Review Meeting was held on August 11, 2004. The NRCS Overgrazing Determination was received December 1, 2003. The Corps Section 303(e) Determination received from the Corps on May 6, 2004. Landrights were certified by the LA DNR as completed on May 10, 2004.

Phase II construction funding approval was received at the October 2004 Task Force meeting.

Construction bids were received by June 21, 2005. Construction is anticipated to begin by July 15, 2005.

Mandalay Bank Protection Demo	TERRE	TERRE	0	06-Dec-2000 A	25-Apr-2003 A	01-Sep-2003 A	$1,194,495	$1,732,498	145.0 !	$1,732,498 $1,732,498

Status: Construction was completed 9/1/2003.

Total Priority List		9	296				$7,245,820	$6,892,092	95.1	$6,784,988 $6,784,953

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

Priority List 10

Delta Management at Fort St. Philip	BRET	PLAQ	267	16-May-2001 A	19-Jun-2006 A	14-Dec-2006 A	$3,183,940	$2,219,860	69.7	$1,679,376 $1,671,362

Status: A crevasse maintenance event is currently in design and scheduled for 2015.

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
East Sabine Lake Hydrologic Restoration	CA/SB	CAMER	225	17-Jul-2001 A	01-Dec-2004 A	11-Aug-2009 A	$6,490,751	$4,944,870	76.2	$4,681,663 $4,650,982

Status:

East Sabine Lake Hydrologic Restoration Project

Status January 2008

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

Hydrodynamic Modeling Study

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

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

Construction

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

Project Modifications

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

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

PROJECT	BASIN	PARISH	ACRES	CSA	********** SCHEDULES ********** Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
		Current Construction								
		The Pines Bayou weir was rehabilitated in August 2007 due to heavy damage caused by Hurricane Rita. Four 50-foot wide gaps were also installed in August 2007, in the 3,000 foot-long rock breakwater near Willow Bayou. A contract for 50,000 linear feet of additional earthen terraces was advertised in fall 2007 and the low bidder notified in January 2008. Construction should begin in spring 2008.								
Grand-White Lake Landbridge Restoration	MERM	CAMER	213	24-Jul-2001 A	10-Jul-2003 A	01-Oct-2004 A	$9,635,224	$4,814,626	50.0	$3,742,674 $3,700,645
	Status:									
		Grand-White Lakes Land Bridge Restoration								
		Status July 2005								
		Phase 1 engineering and design funding was approved by the Task Force on January 10, 2001. The LDNR/ USFWS Cost Share Agreement was executed on July 24, 2001. LDNR certified landrights completion on December 12, 2001.								
		Project sponsors received Phase II construction funding approval from the CWPPRA Task Force on August 7, 2002. All of the CWPPRA and NEPA project construction requirements have been completed; 1.) the NRCS Overgrazing Determination (August 30, 2002), 2) LA state Coastal Zone Consistency Determination (September 19, 2002), 3) the LA Department of Environmental Quality Water Quality Certification (October 28, 2002), 4) the Environmental Assessment (November 19, 2002), 5) the Corps' CWPPRA Section 303(e) Determination (December 2002), and 6) the Corps' Section 404 Permit (December 2002). A favorable 95% Design Review Conference was held September 12, 2002.								
		The project construction contract for Construction Unit 1 (Grand Lake rock shoreline stabilization) was awarded in June 2003, the Notice to Proceed was issued on July 10, 2003, and construction for that phase was completed in October 2003. Construction Unit 2 (Collicon Lake Terraces) construction began in early July 2004 and was completed in October 2004. The project ground breaking was held August 15, 2003.								
		Operation and maintenance post construction field trips in February and April 2005 indicated that Construction Unit 1 - the Grand Lake shoreline rock dike and marsh creation is performing well. The rock has not subsided and a small strip of wetland was created between the rock and the shoreline with spoil from access channel dredging. Construction Unit 2 terraces have experienced post construction erosion. The Collicon Lake lake-ward terrace tops have eroded approximately 66% since project construction. Most of the lake-ward planted giant cutgrass vegetation has eroded and a cut bank remains. Most of the inner shoreward terraces are holding up well with giant cutgrass vegetation growing and expanding. Nutria herbivory of the planted vegetation on the northern and northwestern Collicon Lake terraces has been observed.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
North Lake Mechant Landbridge Restoration	TERRE	TERRE	604	16-May-2001 A	01-Apr-2003 A	16-Dec-2009 A	$31,727,917	$34,708,825	109.4	$34,242,248 $34,235,204
	Status:	Construction of this project has been completed. This project is now in the Operation and Maintenance Phase.								
Terrebonne Bay Shore Protection Demo	COAST	TERRE	0	24-Jul-2001 A	25-Aug-2007 A	19-Dec-2007 A	$2,006,424	$2,747,094	136.9 !	$2,465,239 $2,459,632
	Status:	Final inspection of this project was completed by FWS and DNR on December 19, 2007 and we could find no apparent problems. Since that date, the landowner has requested additional navigation aids in the form of PVC pipe with reflective tape. This will be done ASAP. I would have to say that this project faced some particularly difficult problems in getting a bid that was within budget (went to bid 4 times right after the hurricanes). DNR/Thibobaux Field Office was up for the job I would like to say that they worked quickly on all aspects of this project. I would like to personally thank them for not giving up on the project and for what I would consider a job very well done.... THANK YOU for a great job.								
Total Priority List		10	1,309				$53,044,256	$49,435,275	93.2	$46,811,202 $46,717,826

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

Priority List 11

Dedicated Dredging on the Barataria Basin Landbridge	BARA	JEFF	242	03-Apr-2002 A	11-Sep-2008 A	15-Apr-2010 A	$17,672,811	$15,884,605	89.9	$15,681,387 $15,669,407
	Status:	The project was completed in 2010. A survey of the marsh platform was completed in 2014.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
South Grand Chenier Hydrologic Restoration	MERM	CAMER	414	03-Apr-2002 A	01-Jun-2015	01-Mar-2016	$22,623,346	$22,282,940	98.5	$1,770,769 $1,745,781
West Lake Boudreaux Shoreline Protection& Marsh Creation	TERRE	TERRE	277	03-Apr-2002 A	24-Jul-2007 A	04-Apr-2011 A	$17,519,731	$17,635,690	100.7	$15,902,994 $15,896,804
Total Priority List		11	933				$57,815,888	$55,803,235	96.5	$33,355,150 $33,311,992

Status: The project was approved for construction on January 20, 2014, by the CWPPRA Task Force.

An implementation meeting and field trip was held on March 13, 2002. The final hydrodynamic modeling report was completed in September 2004. Design surveying was completed September 2007. A wave analysis model and geotechnical investigations were completed in 2008. Landrights meetings were held between project sponsors and the major landowners in 2002, 2003, and 2006. Preliminary design (30%) and 95% Design Review meetings were held on August 6, 2009, and November 3, 2009, respectively. Phase II construction approval was approved by the Task Force on January 20, 2010. Due to the inability to receive landrights approvals from two of the seven major landowners, project construction funds were returned to the CWPPRA Program at the January 19, 2012, Task Force meeting. Landrights were finalized in 2012 and construction approval was again received in January 2014. A project scope change to remove the freshwater introduction feature was approved in December 2012.

Status: Construction of this project is complete. TE-46 is now in the Operation and Maintenance phase.

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

Priority List 13

Goose Point/Point Platte Marsh Creation	PONT	STTAM	436	14-May-2004 A	02-Apr-2008 A	12-Feb-2009 A	$21,067,777	$14,373,499	68.2	$13,725,923 $13,716,120

Status: The project was completed in 2009. Surveys of the marsh platform are being conducted in 2014 along with vegetative plantings.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		13	436				$21,067,777	$14,373,499	68.2	$13,725,923 $13,716,120

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

Priority List 15

Lake Hermitage Marsh Creation	BARA	PLAQ	447	28-Mar-2006 A	24-Feb-2012 A	01-Sep-2014 *	$38,040,158	$37,968,898	99.8	$9,940,796 $9,901,331

Status: The project is still under construction. The construction contract expires December 2014.

Total Priority List		15	447				$38,040,158	$37,968,898	99.8	$9,940,796 $9,901,331

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

Priority List 17

South Lake Lery Shoreline and Marsh Restoration	BRET	MULTI	409	19-Feb-2008 A	01-Apr-2014 *	01-Apr-2014 *	$32,466,987	$32,238,260	99.3	$30,699,883 $1,958,787

Status: A bid was awarded for this project, but was rescinded due to a protest submitted by a competing company. This project must now be rebid which is scheduled to take place June 1, 2014. The bid advertisement will be closed July 15, 2014 with a bid awarded in Oct. 2014.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		17	409				$32,466,987	$32,238,260	99.3	$30,699,883 $1,958,787

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

Priority List 19

Lost Lake Marsh Creation and Hydrologic Restoration	TERRE	TERRE	452	22-Apr-2010 A	01-Jan-2015	01-Jan-2016	$34,626,728	$31,404,442	90.7	$803,921 $765,116

Status: The project received Phase 2 approval in January 2013. Landrights agreements have not been signed between the State and the landowner. Landrights negotiations continue and will hopefully be resolved in 2014.

Total Priority List		19	452				$34,626,728	$31,404,442	90.7	$803,921 $765,116

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

Priority List 20

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Bayou Bonfouca Marsh Creation	PONT	STTAM	478	14-Mar-2011 A			$23,875,866	$23,553,196	98.6	$531,533 $521,876
	Status:	A cultural resource field survey in currently underway for this project. We are also consulting with the Louisiana Wildlife and Fisheries on a Scenic River permit. We have submitted to the Corps a 404 application but are currently involved in Section 7 consultation with NOAA Fisheries and Fish and Wildlife Service concerning the Gulf sturgeon. At this time we are conducting a bottom grab sample survey in the proposed borrow area located in Lake Pontchartrain, and dissolved oxygen monitoring in the Point Platt borrow area also located in Lake Pontchartrain. We are also using computer modeling to calculate if there would be any effects of differing sides-slopes, dredging depths, and borrow site orientations concerning the dissolved oxygen levels within our proposed Lake Pontchartrain borrow site.								
Cameron-Creole Watershed Grand Bayou Marsh Creation	CA/SB	CAMER	476	24-Oct-2011 A			$23,405,612	$2,376,789	10.2	$507,137 $454,702
	Status:	95% Design Review completed in October 2013. Phase II construction funds will be requested in December 2014.								
Terrebonne Bay Marsh Creation-Nourishment	TERRE	TERRE	353				$27,414,402	$2,901,750	10.6	$628,728 $536,321
	Status:	Currently the project team is collecting geotech and survey data that will help engineers design the project and further clarify the location of certain project features.								
Total Priority List		20	1,307				$74,695,880	$28,831,735	38.6	$1,667,398 $1,512,899

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

Priority List 21

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Northwest Turtle Bay Marsh Creation	BARA	JEFF	407	10-May-2012 A	01-Jan-2015		$23,198,757	$2,354,788	10.2	$1,328,031 $681,019
	Status:	The schedule for this project has been revised. Phase 2 funds will be requested in December 2015. A 95% design review is scheduled for Spring 2015.								
Total Priority List		21	407				$23,198,757	$2,354,788	10.2	$1,328,031 $681,019

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

Priority List 22

Terracing & Marsh Creation South of Big Mar	BARA	PLAQ	303	31-Oct-2013 A			$23,692,705	$2,308,599	9.7	$1,359,094 $30,713
	Status:									
Total Priority List		22	303				$23,692,705	$2,308,599	9.7	$1,359,094 $30,713

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

Priority List 23

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Bayou Grande Cheniere Marsh & Ridge Restoration	BARA **Status:**		264				$29,104,945	$3,038,141	10.4	$0 $0
	Total Priority List	23	264				$29,104,945	$3,038,141	10.4	$0 $0

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

Total	**DEPT. OF THE INTERIOR, FISH & WILDLIFE SERVICE**		**17,597**				**$436,859,844**	**$310,183,255**	**71.0**	**$168,725,612** **$132,478,246**

30 Project(s)
28 Cost Sharing Agreements Executed
18 Construction Started
17 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 - Lead Agency: DEPT. OF COMMERCE (NMFS)

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

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

Priority List 2

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Atchafalaya Sediment Delivery	ATCH	STMRY	2,232	01-Aug-1994 A	25-Jan-1998 A	21-Mar-1998 A	$907,810	$2,455,669	270.5 !	$2,040,078 $2,040,078
	Status:	Annual O&M inspections are conducted on the Project. Project goals to increase the distributary potential of Natal Pass and Castille Pass has partially been met. Limited bathymetric data is suggesting partial shoaling at the head of Natal Pass and Castille Pass. More extensive bathymetric survey is currently being discussed for both AT-02 and AT-03. The creation of delta lobe islands with beneficially using dredge material channel excavation has also been met. The creation and enlargement of the delta lobes at these locations indicates that the delta is growing within the project boundaries.								
Big Island Mining	ATCH	STMRY	1,560	01-Aug-1994 A	25-Jan-1998 A	08-Oct-1998 A	$7,550,903	$7,003,102	92.7	$6,638,690 $6,638,690
	Status:	Project cost increase was approved by the Task Force at the January 16, 1998 meeting. Construction project complete. First costs accounting underway.								
Point Au Fer Canal Plugs	TERRE	TERRE	375	01-Jan-1994 A	01-Oct-1995 A	08-May-1997 A	$1,069,589	$5,501,932	514.4 !	$3,371,556 $3,360,463
	Status:	Project / Gulf of Mexico shoreline surveys are underway to assist with maintenance recommendations to conduct a rock lift along low areas of PH 2 & 3 and the possible extension of the ends back into the shoreline. This construction activity would likely occur before the Fall of 20112.								
Total Priority List		2	4,167				$9,528,302	$14,960,703	157.0	$12,050,324 $12,039,231

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

Priority List 3

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Bayou Perot/Bayou Rigolettes Marsh Restoration DEAUTHORIZED	BARA	JEFF		03-Mar-1995 A			$1,835,047	$20,963	1.1	$20,963 $20,963
	Status:	A feasibility study conducted by LA DNR indicated that possible wetlands benefits from construction of this project are questionable. LA DNR has indicated a willingness to deauthorize the project. In April 1996, LA DNR had asked to reconsider the project with potential of combining this with two other projects in the watershed. Project deauthorized at January 16, 1998 Task Force meeting. Deauthorized.								
East Timbalier Island Sediment Restoration, Phase 1	TERRE	LAFOU	1,913	01-Feb-1995 A	01-May-1999 A	01-May-2001 A	$2,046,971	$3,621,544	176.9 !	$3,589,350 $3,589,350
	Status:	Construction completed in December 1999. Aerial seeding of the dune platform was achieved in spring 2000, and the installation of sand fencing was completed September 30, 2000. Vegetative dune plantings were completed May 1, 2001.								
Lake Chapeau Sediment Input and Hydrologic Restoration	TERRE	TERRE	509	01-Mar-1995 A	14-Sep-1998 A	18-May-1999 A	$4,149,182	$6,810,133	164.1 !	$5,653,040 $5,605,597
	Status:	Maintenance event to degrade the project feature identified as Weir 3 began on 4/27/2011, and the work was accepted on 6/24/2011.								
Lake Salvador Shore Protection Demo	BARA	STCHA	0	01-Mar-1995 A	02-Jul-1997 A	30-Jun-1998 A	$1,444,628	$2,801,782	193.9 !	$2,801,782 $2,801,782
	Status:	Phase 1 was completed September 1997. Phase 2 is shoreline protection between Bayou desAllemnands and Lake Salvador. Construction began in April 1998 and completed in June 1998. Final first costs have been finalized. Closed out cooperative agreement between NOAA and LADNR. First costs accounting undersay. Project has served its demonstration purpose and is being removed by DNR with O&M funds, summer of 2002.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		3	2,422				$9,475,828	$13,254,422	139.9	$12,065,136 $12,017,693

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

Priority List 4

East Timbalier Island Sediment Restoration, Phase 2	TERRE	LAFOU	215	08-Jun-1995 A	01-May-1999 A	15-Jan-2000 A	$5,752,404	$7,600,150	132.1 !	$7,543,460 $7,543,460

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

Eden Isles East Marsh Restoration DEAUTHORIZED	PONT	STTAM					$5,018,968	$39,025	0.8	$41,972 $39,025

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

Deauthorized.

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		4	215				$10,771,372	$7,639,176	70.9	$7,585,432 $7,582,485

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

Priority List 5

Little Vermilion Bay Sediment Trapping	TECHE	VERMI	441	22-May-1997 A	10-May-1999 A	20-Aug-1999 A	$940,065	$886,030	94.3	$739,126 $739,126

Status: An O&M inspection was conducted by OCPR on 2-22-11. It was reported that the terraces and vegetation appear to be in good condition. Emergent vegetation was noted to be colonizing in some locations between terraces. The Freshwater Bayou canal bank continues to erode and retreat along the northern edge of the project resulting in some erosion on the ends of those terraces closest to Freshwater Bayou. Near term options to address this issue are currently being considered.

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

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

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		5	441				$16,466,015	$1,367,833	8.3	$1,220,929 $1,220,929

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

Priority List 6

Black Bayou Hydrologic Restoration	CA/SB	CAMER	3,594	28-May-1998 A	01-Jul-2001 A	03-Nov-2003 A	$6,316,806	$6,170,284	97.7	$5,968,682 $5,958,902

Status: An O&M inspection is scheduled for 5-04-11.

Delta Wide Crevasses	DELTA	PLAQ	2,386	28-May-1998 A	21-Jun-1999 A	01-May-2005 A	$5,473,934	$4,728,319	86.4	$4,620,922 $2,344,315

Status: High River stages delayed Project O&M annual inspections until July 19. All crevasses were in good shape. Project design team are in discussions with both USFWS and LDWF to identify the new, and final list of crevasse splays for construction (Phase 3 of 3). It is anticipated that the work could be underway by the end of 2012.

Sediment Trapping at The Jaws	TECHE	STMAR	1,999	28-May-1998 A	14-Jul-2004 A	19-May-2005 A	$3,167,400	$1,653,792	52.2	$1,373,447 $1,373,447

Status: An O&M inspection was conducted on 4-05-11. The overall condition of the terraces is good. Evidence of recovery from herbivory was noted, as was colonization of mud flats between terraces and bay shoreline.

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		6	7,979				$14,958,140	$12,552,395	83.9	$11,963,051 $9,676,663

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

Priority List 7

Grand Terre Vegetative Plantings	BARA	JEFF	127	23-Dec-1998 A	01-May-2001 A	01-Jul-2001 A	$928,895	$346,246	37.3	$346,246 $346,246

Status: Planting of 3,100 units each of bitter panicum, gulf cordgrass, and marshhay cordgrass on beach nourishment/dune area, and installation of approximately 35,000 smooth cordgrass and 800 black mangrove was completed in June 2001. Monitoring is underway. Project area is being evaluated for additional plantings in 2003/2004.

Pecan Island Terracing	MERM	VERMI	442	01-Apr-1999 A	15-Dec-2002 A	10-Sep-2003 A	$2,185,900	$2,390,984	109.4	$2,323,315 $2,323,315

Status: An O&M inspection is planned for May 2011.

Total Priority List		7	569				$3,114,795	$2,737,230	87.9	$2,669,561 $2,669,561

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

Priority List 8

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	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Bayou Bienvenue Pump Station Diversion DEAUTHORIZED	PONT	STBER		01-Jun-2000 A			$3,295,574	$212,153	6.4	$212,858 $212,858
	Status:	Cooperative Agreement awarded in June 1, 2000. Preliminary design analyses indicate that terrace construction significantly more costly than originally estimated due to poor geo-technical condition. The project is estimated to cost between $17 and $20 million to build. At the January 16, 2002 Task Force meeting, DNR and NOAA/NMFS requested initiation of the deauthorization procedure. Deauthorization was approved by the Task Force at the April 16, 2002 meeting.								
Hopedale Hydrologic Restoration	PONT	STBER	134	11-Jan-2000 A	10-Jan-2004 A	15-Jan-2005 A	$2,179,491	$2,281,287	104.7	$1,920,267 $1,910,292
	Status:	Cooperative Agreement was awarded January 11, 2000. Engineering and design is complete, with design surveys, geo-technical investigations and hydrologic modeling complete. Landrights for the major project feature are complete. NEPA compliance and regulatory requirements are complete. A construction contract was awarded in November 2003, and construction was initiated in March 2004. COnstruction was completed in January 2005, and the project is currently being operated by St. Bernard Parish under a cooperative agreement with the Louisiana Department of Natural Resources.								
Total Priority List		8	134				$5,475,065	$2,493,439	45.5	$2,133,125 $2,123,150

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

Priority List 9

Castille Pass Channel Sediment Delivery DEAUTHORIZED	ATCH	STMRY		29-Sep-2000 A			$1,484,633	$1,717,883	115.7	$1,717,883 $1,717,883
	Status:	As a result of perceived induced shoaling by the proposed construction features, the COE identified several special conditions for permit issuance. These special award conditions (maintenance dredging for perpetuity) are not yet programmatically approved, thus, the NMFS and OCPR have moved to de-authorize the project.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Chandeleur Islands Marsh Restoration	PONT	STBER	220	10-Sep-2000 A	01-Jun-2001 A	31-Jul-2001 A	$1,435,066	$839,927	58.5	$839,927 $839,927
	Status:	Cooperative Agreement was awarded September 10, 2000. Vegetative planting is scheduled for spring, 2001, and are phased over two years. Pilot planting project completed in June, 2000. First phase of vegetative plantings completed July 2001 with installation of approximately 80,000 smooth cordgrass plants along 6.6 miles of overwash fan perimeters. Project area is being evaluated for additional plantings in 2003.								
East Grand Terre Island Restoration TRANSFER	BARA	JEFF		21-Sep-2000 A			$1,856,203	$2,211,739	119.2	$2,211,739 $2,211,739
	Status:	The project is anticipated to be transfered to the CIAP program for construction.								
Four Mile Canal Terracing and Sediment Trapping	TECHE	VERMI	167	25-Sep-2000 A	10-Jun-2003 A	23-May-2004 A	$5,086,511	$2,144,037	42.2	$2,106,787 $2,079,285
	Status:	An O&M inspection was conducted by OCPR on 2-22-11. OCPR reported the project is showing signs of continued erosion along the 4-Mile canal side of the project on the ends of the terraces. However, at this time an O&M does not appear to be warranted.								
LaBranche Wetlands Terracing, Planting & Shoreline Protection DEAUTHORIZED	PONT	STCHA		21-Sep-2000 A			$821,752	$306,836	37.3	$306,836 $306,836
	Status:	Cooperative Agreement was awarded September 21, 2000. Engineering and design complete. Construction is scheduled for 2002. Task Force approved Phase 2 funding at January 10, 2001 meeting. In a letter dated September 7, 2001, NMFS returned Phase 2 funding because of waning landowner support. Deauthorization is not requested at this time.								
Total Priority List		9	387				$10,684,165	$7,220,422	67.6	$7,183,172 $7,155,670

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Priority List 10										
Rockefeller Refuge Gulf Shoreline Stabilization	MERM	CAMER	920	27-Sep-2001 A			$1,929,888	$2,408,478	124.8	$1,760,283 $1,336,223
	Status:	A 30% Design Review meeting will occur on May 15, 2014, and the 95% Design Meeting scheduled for September 30, 2014. NMFS intends to seek Phase 2 authorization in December 2014,								
Total Priority List		10	920				$1,929,888	$2,408,478	124.8	$1,760,283 $1,336,223

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

Priority List 11										
Little Lake Shoreline Protection/Dedicated Dredging near Round Lake	BARA	LAFOU	713	06-Aug-2002 A	04-Aug-2005 A	30-Mar-2007 A	$35,994,894	$21,996,296	61.1	$21,951,414 $21,843,837
	Status:	The 2011 Annual O&M inspection revealed that the rock dike along the northern section of the project (Sections 1-9 of 26 total sections) hd settled. A survey will be initiated on September 7 to help determine the extent of settlement. Project team should have the survey report by mid-October to consider a maintenance event.								
Pass Chaland to Grand Bayou Pass Barrier Shoreline Restoration	BARA	PLAQ	263	06-Aug-2002 A	06-Jun-2008 A	25-Aug-2009 A	$29,753,880	$40,105,164	134.8 !	$39,212,887 $37,501,831
	Status:	Annual site inspection conducted June 27, 2012. Sand fencing appears largely intact and functional. Sand accretion around fencing and dune plantings observed. The marsh creation area and associated containment dikes were also inspected. Major portions of the marsh platform appear to be regularly flooded by tides and has about 50% to 60% vegetative cover. Marsh fill containment dikes were inspected to determine need for mechanical gapping to provide tidal exchange. Based on observed settlement and formation of natural gaps, it was determined that dike gapping/degradation is not required.								

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	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Pelican Island and Pass La Mer to Chaland Pass BBI	BARA	PLAQ	334	06-Aug-2002 A	25-Mar-2006 A	28-Nov-2012 A	$61,995,587	$76,229,790	123.0	$69,523,774 $69,074,768
	Status:	CU 2 (Pelican Island): Construction Start - 15 Nov 2011(A) Heavy Construction Completion - 14 Dec 2012(S) Vegetative Plantings - Fall 2012/Spring 2013(S)								
Total Priority List		11	1,310				$127,744,361	$138,331,250	108.3	$130,688,075 $128,420,436

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

Priority List 14

Riverine Sand Mining/Scofield Island Restoration DEAUTHORIZED	BARA	PLAQ		04-Oct-2005 A			$3,221,887	$2,935,025	91.1	$2,935,025 $2,935,025
	Status:	State of Louisiana planning to construct the project using state-only funds. Final CWPPRA deauthorization was approved by the Task Force at its 19 January 2012 meeting.								
Total Priority List		14					$3,221,887	$2,935,025	91.1	$2,935,025 $2,935,025

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

Priority List 15

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	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
South Pecan Island Freshwater Introduction DEAUTHORIZED	MERM	VERMI		21-Sep-2006 A			$1,102,043	$779,422	70.7	$779,422 $779,422
	Status:	The acquisition of land rights has been unsuccessful with one of the eight landowners. Therefore, the NMFS and OCPR will be recommending to the Technical Committee that this project proceed to deauthorization.								
Total Priority List		15					$1,102,043	$779,422	70.7	$779,422 $779,422

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

Priority List 16

Madison Bay Marsh Creation and Terracing	TERRE	TERRE	334	31-May-2007 A			$3,002,171	$3,002,171	100.0	$2,678,773 $1,424,431
	Status:	NMFS intends to seek Phase 2 authorization in December 2014.								
West Belle Pass Barrier Headland Restoration Project	TERRE	LAFOU	305	31-May-2007 A	09-Sep-2011 A	04-Jun-2013 A	$42,250,417	$41,569,090	98.4	$37,088,325 $24,962,561
	Status:	Readjusted description and changed construction completion date based on plantings date to fit with O&M plan.								

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	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Total Priority List		16	639				$45,252,588	$44,571,261	98.5	$39,767,097 $26,386,992

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

Priority List 17

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
Bayou Dupont Ridge Creation & Marsh Restoration	BARA	JEFF	186	17-Jul-2008 A	03-Jun-2013 *	03-Jun-2014 *	$38,539,615	$37,984,593	98.6	$32,181,804 $1,614,139
	Status:	Comments and issues related to the borrow area have been addressed between CPRA and USACE. CPRA, DOTD, and NOAA have signed (or will sign) the proffered permit. Bid documents will be finalized for advertisement.								
Bio-Engineered Oyster Reef DEMO	MERM	MULTI	0		02-Aug-2011 A	17-Feb-2014 A	$1,981,822	$2,316,692	116.9	$1,987,295 $1,970,928
	Status:	Project construction was completed in early February 2012. Biological and structural monitoring are underway.								
Total Priority List		17	186				$40,521,437	$40,301,285	99.5	$34,169,099 $3,585,067

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

Priority List 18

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	CSA	********** SCHEDULES ********** Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Grand Liard Marsh and Ridge Restoration	BARA	PLAQ	370		01-Jun-2013 *	16-Jun-2016	$42,579,616	$42,095,162	98.9	$35,642,328 $2,455,194
	Status:									
Total Priority List		18	370				$42,579,616	$42,095,162	98.9	$35,642,328 $2,455,194

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

Priority List 19

Chenier Ronquille Barrier Island Restoration	BARA	PLAQ	308	18-Aug-2010 A	01-Mar-2016	01-Jan-2017	$3,419,263	$3,419,263	100.0	$3,055,123 $1,109,616
	Status:	Project did not receive construction funding/Phase 2 approval. State and federal sponsors considering project as an early restoration project and are awaiting an answer from the Trustee Council for the Deepwater Horizon Oil Spill. The sponsors are not electing to close at this time pending that decision.								
Total Priority List		19	308				$3,419,263	$3,419,263	100.0	$3,055,123 $1,109,616

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

Priority List 21

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Coles Bayou Marsh Restoration	TECHE	VERMI	398				$26,631,223	$3,136,805	11.8	$2,694,568 $339,969
	Status:									
Oyster Bayou Marsh Restoration	CA/SB	CAMER	489				$29,781,354	$3,165,322	10.6	$2,772,652 $598,884
	Status:	NMFS intends to seek Phase 2 authorization in December 2014.								
Total Priority List		21	887				$56,412,577	$6,302,127	11.2	$5,467,220 $938,853

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

Priority List 22

Cameron Meadows Marsh Creation	CA/SB	CAMER	264				$27,685,820	$3,108,025	11.2	$2,428,908 $5,278
	Status:									
Total Priority List		22	264				$27,685,820	$3,108,025	11.2	$2,428,908 $5,278

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 COMMERCE (NMFS)

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Priority List 23										
Island Road Marsh Creation & Nourishment	TERRE		312	01-Jul-2014 *			$39,185,267	$3,721,447	9.5	$0 $0
	Status:									
Total Priority List		23	312				$39,185,267	$3,721,447	9.5	$0 $0

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

Total	**DEPT. OF COMMERCE, NATIONAL MARINE FISHERIES SERVICE**		**21,510**				**$471,475,204**	**$350,305,694**	**74.3**	**$313,670,639** **$222,544,816**

41 Project(s)
33 Cost Sharing Agreements Executed
21 Construction Started
21 Construction Completed
11 Project(s) Deferred/Deauthorized

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	CSA	SCHEDULES Const Start	SCHEDULES Const End	ESTIMATES Baseline	ESTIMATES Current	%	Actual Obligations/ Expenditures
Lead Agency: DEPT. OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE										
Priority List 1										
GIWW to Clovelly Hydrologic Restoration	BARA	LAFOU	175	17-Apr-1993 A	21-Apr-1997 A	31-Oct-2000 A	$8,141,512	$12,725,280	156.3 !	$10,416,805 $10,377,827
	Status:	The project was divided into two contracts in order to expedite implementation. The first contract to install most of the weir structures, began May 1, 1997 and completed November 30, 1997, at a cost of $646,691. The second contract to install bank protection, one weir and one plug, began January 1, 2000 and completed October 31, 2000, at a cost of $3,400,000. All project construction is complete. O&M Plan signed September 16, 2002.								
Vegetative Plantings - Dewitt-Rollover Planting Demo DEAUTHORIZED	MERM	VERMI		17-Apr-1993 A	11-Jul-1994 A		$191,003	$92,147	48.2	$92,147 $92,147
	Status:	Sub-project of the Vegetative Plantings project. Complete and deauthorized.								
Vegetative Plantings - Falgout Canal Planting Demo	TERRE	TERRE	0	17-Apr-1993 A	30-Aug-1996 A	30-Dec-1996 A	$144,561	$206,523	142.9 !	$206,523 $206,523
	Status:	Sub-project of the Vegetative Plantings project. Wave-stilling devices are in place. Vegetative plantings are in place. Complete.								
Vegetative Plantings - Timbalier Island Planting Demo	TERRE	TERRE	0	17-Apr-1993 A	15-Mar-1995 A	30-Jul-1996 A	$372,589	$300,492	80.6	$300,492 $300,492
	Status:	Sub-project of the Vegetative Plantings project. Complete.								
Vegetative Plantings - West Hackberry Planting Demo	CA/SB	CAMER	0	17-Apr-1993 A	15-Apr-1993 A	30-Mar-1994 A	$213,947	$256,251	119.8	$256,251 $256,251
	Status:	Sub-project of the Vegetative Plantings project. Complete.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		1	175				$9,063,612	$13,580,693	149.8	$11,272,218 $11,233,240

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

Priority List 2

Brown Lake Hydrologic Restoration DEAUTHORIZED	CA/SB	CAMER		28-Mar-1994 A			$3,222,800	$1,097,828	34.1	$1,097,828 $1,097,828

Status: Landowner support for the project has been withdrawn due to changes in project features therefore project team moved to deauthorize project. Task Force voted to approve deathorization in Fall 2009.

Caernarvon Diversion Outfall Management	BRET	PLAQ	802	13-Oct-1994 A	01-Jun-2001 A	19-Jun-2002 A	$2,522,199	$4,536,000	179.8 !	$3,916,030 $3,916,030

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

East Mud Lake Marsh Management	CA/SB	CAMER	1,520	24-Mar-1994 A	01-Oct-1995 A	15-Jun-1996 A	$2,903,635	$5,387,967	185.6 !	$4,947,583 $4,924,598

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

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Freshwater Bayou Wetland Protection	MERM	VERMI	1,593	17-Aug-1994 A	29-Aug-1994 A	15-Aug-1998 A	$2,770,093	$6,059,652	218.8 !	$3,454,867 $3,396,087
Status:	The project was expedited in order to allow the use of stone removed from the Wax Lake Outlet Weir at a substantial cost savings. Construction is included as an option in the Corps of Engineers contract for the Wax Lake Outlet Weir removal. Option was exercised on September 2, 1994. Project construction is complete. Maintenance contract underway to repair rock dike.									
Fritchie Marsh Restoration	PONT	STTAM	1,040	21-Feb-1995 A	01-Nov-2000 A	01-Mar-2001 A	$3,048,389	$2,201,674	72.2	$1,862,128 $1,843,027
Status:	O&M plan executed January 29, 2003.									
Highway 384 Hydrologic Restoration	CA/SB	CAMER	150	13-Oct-1994 A	01-Oct-1999 A	07-Jan-2000 A	$700,717	$1,479,587	211.2 !	$1,315,096 $1,295,583
Status:	Construction start slipped from November 1997 to July 1999 because of landright issues. All landright agreements signed. Construction complete January 7, 2000. O&M plan executed. Maintenance contract complete. Minor damage from Hurricane Lili to be repaired. Contract in preparation.									
Jonathan Davis Wetland Restoration	BARA	JEFF	510	05-Jan-1995 A	22-Jun-1998 A	12-Jan-2012 A	$3,398,867	$28,873,513	849.5 !	$22,827,287 $22,711,406
Status:	Construction has begun to repair vandalism to the concrete walls. Work is anticipated to be completed by October 2012.									
Vermilion Bay/Boston Canal Shore Protection	TECHE	VERMI	378	24-Mar-1994 A	13-Sep-1994 A	30-Nov-1995 A	$1,008,634	$1,043,748	103.5	$887,581 $887,425
Status:	Complete.									

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		2	5,993				$19,575,334	$50,679,970	258.9	$40,308,400 $40,071,985

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

Priority List 3

Brady Canal Hydrologic Restoration	TERRE	TERRE	297	15-May-1998 A	01-May-1999 A	22-May-2000 A	$4,717,928	$7,593,752	161.0 !	$6,620,081 $6,544,752

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

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

Cameron-Creole Maintenance	CA/SB	CAMER	2,602	09-Jan-1997 A	30-Sep-1997 A	30-Sep-1997 A	$3,719,926	$4,644,371	124.9	$2,396,466 $2,288,783

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

Cote Blanche Hydrologic Restoration	TECHE	STMRY	2,223	01-Jul-1996 A	25-Mar-1998 A	15-Dec-1998 A	$5,173,062	$10,036,640	194.0 !	$8,271,879 $8,268,266

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

O&M plan executed. Maintenance contract complete.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Southwest Shore White Lake Demo DEAUTHORIZED	MERM	VERMI		11-Jan-1995 A	30-Apr-1996 A		$126,062	$103,468	82.1	$103,468 $103,468
	Status:	Complete. Project deauthorized.								
Violet Freshwater Distribution DEAUTHORIZED	PONT	STBER		13-Oct-1994 A			$1,821,438	$128,627	7.1	$128,627 $128,627
	Status:	Rights-of-way to gain access to the site was a problem due to multiple landowner coordination, and additional questions have arisen about rights to operate existing siphon. Project deauthorized, October 4, 2000.								
West Pointe a la Hache Outfall Management	BARA	PLAQ	646	05-Jan-1995 A	02-Jan-2014 *	01-Aug-2014 *	$881,148	$4,269,295	484.5 !	$1,192,308 $1,165,643
	Status:	A 30% review meeting was held on October 3, 2012. Project Team is currently resolving concerns rasied during the meeting regarding ownership and operation of the siphon. A 95% review meeting is anticipated for September 2013.								
White Ditch Outfall Management DEAUTHORIZED	BRET	PLAQ		13-Oct-1994 A			$756,134	$32,862	4.3	$32,862 $32,862
	Status:	LA DNR concurred with NRCS to deauthorize the project. Project deauthorized at the January 16, 1998 Task Force meeting. Deauthorized.								
Total Priority List		3	5,768				$17,195,698	$26,809,015	155.9	$18,745,690 $18,532,400

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

Priority List 4

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Barataria Bay Waterway West Side Shoreline Protection	BARA	JEFF	232	23-Jun-1997 A	01-Jun-2000 A	01-Nov-2000 A	$2,192,418	$3,013,365	137.4 !	$2,806,009 $2,795,563
	Status:	The project is being coordinated with the COE dredging program. Contract advertised December 1999. Construction complete. Dedication ceremony held October 20, 2000. O&M plan signed July 15, 2002.								
Bayou Lours Ridge Hydrologic Restoration DEAUTHORIZED	BARA	LAFOU		23-Jun-1997 A			$2,418,676	$371,232	15.3	$371,232 $371,232
	Status:	The initial step of deauthorization was taken at the January Task Force meeting. The process will be finalized at the April Task Force meeting.								
Flotant Marsh Fencing Demo DEAUTHORIZED	TERRE	TERRE		16-Jul-1999 A			$367,066	$115,775	31.5	$115,775 $115,775
	Status:	Difficulty in locating an appropriate site for demonstration and difficulty in addressing engineering constraints. Project deauthorized, October 4, 2000.								
Perry Ridge Shore Protection	CA/SB	CALCA	1,203	23-Jun-1997 A	15-Dec-1998 A	15-Feb-1999 A	$2,223,518	$2,289,090	102.9	$1,899,196 $1,878,987
	Status:	Project complete.								
Plowed Terraces Demo	CA/SB	CAMER	0	22-Oct-1998 A	30-Apr-1999 A	31-Aug-2000 A	$299,690	$325,641	108.7	$324,970 $324,970
	Status:	Project initially put on hold pending results of an earlier terraces demonstration project being paid for by the Gulf of Mexico program. The first attempt to plow the terraces in the summer of 1999 was not successful. A second contract was advertised in January 2000 to try again. Construction is complete.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		4	1,435				$7,501,368	$6,115,103	81.5	$5,517,183 $5,486,528

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

Priority List 5

Freshwater Bayou Bank Stabilization	MERM	VERMI	511	01-Jul-1997 A	15-Feb-1998 A	15-Jun-1998 A	$3,998,919	$5,609,593	140.3 !	$2,599,491 $2,579,831

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

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

Naomi Outfall Management	BARA	JEFF	633	12-May-1999 A	01-Jun-2002 A	15-Jul-2002 A	$1,743,805	$2,227,027	127.7 !	$1,982,456 $1,955,121

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

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

O&M plan in draft.

Raccoon Island Breakwaters Demo	TERRE	TERRE	0	03-Sep-1996 A	21-Apr-1997 A	31-Jul-1997 A	$1,497,538	$1,751,046	116.9	$1,751,046 $1,751,046

Status: Complete.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Sweet Lake/Willow Lake Hydrologic Restoration	CA/SB	CAMER	247	23-Jun-1997 A	01-Nov-1999 A	02-Oct-2002 A	$4,800,000	$3,929,152	81.9	$3,447,744 $3,422,804
	Status:	The rock bank protection feature of the project is complete. The second contract has been awarded; terrace construction and vegetative planting will be finished by October 1, 2002. Contractor was unable to complete the construction. Contract terminated; remaining work was advertised December 2001. Contract awarded, and construction completed October 2, 2002.								
Total Priority List		5	1,391				$12,040,262	$13,516,818	112.3	$9,780,737 $9,708,803

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

Priority List 6

Barataria Bay Waterway East Side Shoreline Protection	BARA	JEFF	217	12-May-1999 A	01-Dec-2000 A	31-May-2001 A	$5,019,900	$5,224,477	104.1	$4,836,928 $4,774,706
	Status:	This project was combined with the Naomi Outfall Management project for planning and design; construction was separate. Project construction complete. O&M plan signed October 2, 2002.								
Cheniere au Tigre Sediment Trapping DEMO	TECHE	VERMI	0	20-Jul-1999 A	01-Sep-2001 A	02-Nov-2001 A	$500,000	$624,999	125.0	$599,472 $596,781
	Status:	A request for proposals was advertised in Feb 2000. No valid proposals received. Proceeding with design of a rock structure. Project advertised for bid. Bid came in over estimate. LDNR and NRCS shifted funds from monitoring to construction. Delay in getting new obligation due to internal COE procedures. Government order received July 13, 2001. Construction complete.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
Oaks/Avery Canal Hydrologic Restoration	TECHE	VERMI	160	22-Oct-1998 A	15-Apr-1999 A	11-Oct-2002 A	$2,367,700	$2,925,216	123.5	$2,534,362 $2,534,362
	Status:	O&M plan was finalized on 2/11/04.								
Penchant Basin Natural Resources Plan, Increment 1	TERRE	TERRE	675	23-Apr-2002 A	25-May-2010 A	24-Aug-2011 A	$14,103,051	$14,746,461	104.6	$13,627,130 $12,645,206
	Status:	Project construction was completed on August 24, 2011.								
Total Priority List		6	1,052				$21,990,651	$23,521,153	107.0	$21,597,892 $20,551,055

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

Priority List 7

Barataria Basin Landbridge Shoreline Protection, Ph 1 & 2	BARA	JEFF	1,304	16-Jul-1999 A	01-Dec-2000 A	05-Mar-2009 A	$17,515,029	$27,852,111	159.0 !	$26,533,911 $26,423,702
	Status:	Construction Unit #4 was completed on May 4th, 2009. Construction Unit #5 was completed on March 5th, 2009.								
Thin Mat Floating Marsh Enhancement Demo	TERRE	TERRE	0	16-Oct-1998 A	15-Jun-1999 A	10-May-2000 A	$460,222	$538,101	116.9	$538,101 $538,101
	Status:	Construction complete. Monitoring ongoing.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		7	1,304				$17,975,251	$28,390,212	157.9	$27,072,012 $26,961,802

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

Priority List 8

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
Humble Canal Hydrologic Restoration	MERM	CAMER	378	21-Mar-2000 A	01-Jul-2002 A	01-Mar-2003 A	$1,526,136	$1,574,926	103.2	$1,161,954 $1,150,570

Status: Construction complete March 2003.

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
Lake Portage Land Bridge	TECHE	VERMI	24	07-Apr-2000 A	15-Feb-2003 A	15-May-2004 A	$1,013,820	$1,181,129	116.5	$1,110,746 $1,108,593

Status: Project construction was completed on May 15, 2004. Monitoring Plan was finalized on July 19, 2004

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
Upper Oak River Freshwater Siphon DEAUTHORIZED	BRET	PLAQ					$2,500,239	$56,476	2.3	$56,476 $56,476

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

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

Deauthorization procedures initiated.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		8	402				$5,040,195	$2,812,531	55.8	$2,329,176 $2,315,640

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

Priority List 9

Barataria Basin Landbridge Shoreline Protection, Ph 3	BARA	JEFF	264	25-Jul-2000 A	20-Oct-2003 A	30-Apr-2014 *	$46,542,450	$37,220,939	80.0	$34,917,990 $9,900,819

Status: Pipeline removal in project area is nearing completion. Construction on Units#7 & #8 is anticipated to begin in August 2013.

Black Bayou Culverts Hydrologic Restoration	CA/SB	CAMER	540	25-Jul-2000 A	25-May-2005 A	26-Jan-2010 A	$5,900,387	$15,324,990	259.7 !	$14,321,695 $6,737,798

Status: Project is currently protected by coffer dams installed to dewater structures to assess extent of leakage under structure. A corrective design is being evaluated. Project is scheduled to request funding for repairs at the Winter 2012 Task Force meeting.

Little Pecan Bayou Hydrologic Restoration DEAUTHORIZED	MERM	CAMER		25-Jul-2000 A			$1,245,278	$1,303,713	104.7	$1,303,713 $1,303,713

Status: Project was deauthorized at Spring 2012 Task Force meeting for the following reasons:

•The current ME-17 project features do not yield sufficient wetland benefits to warrant a Phase II request for construction and twenty years of maintenance.
•Within the current project scope, the CPRA has concerns over public vandalism.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Perry Ridge West Bank Stabilization	CA/SB	CAMER	83	25-Jul-2000 A	01-Nov-2001 A	31-Jul-2002 A	$3,742,451	$2,140,816	57.2	$1,732,956 $1,719,733
	Status:	The Perry Ridge project approved on Priority List 4 was the first phase of this project. This is the second and final phase of the project. Task Force approved Phase 2 construction funding January 10, 2001. The rock bank protection is installed. The contract for the terraces and vegetation has been completed.								
South Lake Decade Freshwater Introduction	TERRE	TERRE	202	25-Jul-2000 A	24-Jan-2011 A	12-Jul-2011 A	$4,949,684	$3,711,462	75.0	$3,500,606 $3,314,457
	Status:	Construction Unit #1 was completed on July 12, 2011. CPRA did not agree to proceed with 2nd construction unit, therefore project was considered completed and closed out.								
Total Priority List		9	1,089				$62,380,250	$59,701,920	95.7	$55,776,960 $22,976,521

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

Priority List 10

GIWW Bank Restoration of Critical Areas in Terrebonne	TERRE	TERRE	65	16-May-2001 A	02-May-2013 *	01-Feb-2014 *	$13,022,246	$11,258,135	86.5	$9,462,788 $8,264,859
	Status:	CPRA assigned land rights to NRCS in April 2012. Project re-surveyed to verify design was still current. Project is scheduled for construction in December 2012.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		10	65				$13,022,246	$11,258,135	86.5	$9,462,788 $8,264,859

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

Priority List 11

Barataria Basin Landbridge Shoreline Protection, Ph 4	BARA	JEFF	256	09-May-2002 A	27-Apr-2005 A	26-Apr-2006 A	$22,787,951	$13,179,556	57.8	$7,034,708 $6,574,634
	Status:	Construction Unit #6 was completed on April 26, 2006.								
Coastwide Nutria Control Program	COAST	COAST	14,963	26-Feb-2002 A	20-Nov-2002 A	15-Jul-2003 A	$68,864,870	$32,235,247	46.8	$22,580,670 $22,469,370
	Status:	In Year 9 (2010-11) Trapping Season, 338,512 nutria tails were collected.								
Grand Lake Shoreline Protection	MERM	CAMER	45	20-Sep-2011 A	01-May-2013 *	30-Aug-2013 *	$12,792,013	$10,055,616	78.6	$952,514 $915,677
	Status:	Project received funding MIPR for Engineering and Design in August 2012. Surveying and Geotechnical Investigation has begun. Project is scheduled to request Construction approval at the September 2013 Techncial Committee meeting.								
Raccoon Island Shoreline Protection/Marsh Creation	TERRE	TERRE	71	23-Apr-2002 A	13-Dec-2005 A	01-Mar-2013 *	$17,167,810	$19,608,966	114.2	$18,306,258 $17,411,365
	Status:	Notice to Proceed for construction of Phase B was given on September 27,2012.								

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		11	15,335				$121,612,644	$75,079,385	61.7	$48,874,149 $47,371,046

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

Priority List 11.1

Holly Beach Sand Management	CA/SB	CALCA	330	09-May-2002 A	01-Aug-2002 A	31-Mar-2003 A	$19,252,500	$14,130,233	73.4	$13,989,141 $13,989,141

Status: The placement of the sand material on to the beach was completed on Saturday, March 1, 2003. Required work that is now in progress consist of demobilization of the pipeline segments, dressing the completed beach work,erection of the Sand Fencing and installation of the vegetation.

Total Priority List		11.1	330				$19,252,500	$14,130,233	73.4	$13,989,141 $13,989,141

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

Priority List 12

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Freshwater Floating Marsh Creation Demo	COAST	COAST	0	12-Jun-2003 A	01-Jul-2004 A	01-Jun-2006 A	$1,080,891	$1,068,602	98.9	$1,068,602 $1,068,602

Status: The deployed vegetated structures at the Mandalay field site have been in place since Spring 2006, and are functioning as designed. By the end of 2008 (the third growing season in the field), vegetation in the floating structures has spread significantly from their mother structures and are beginning to interweave with plants from adjacent structures, and the belowground plant material was generating an increasingly extensive network of the fibrous roots and rhizomes necessary to establish the foundation of a sustainable organic marsh mat.

Some of the deployed structures at Mandalay were damaged, but overall the project structures and associated vegetation weathered the storms well with less than 5% of the structures damaged or lost. In this project, the P. hemitomon plants established in the floating structures performed extremely well in the areas not impacted by increases in water salinity from storm induced high water, and when protected from nutria grazing.

Total Priority List		12	0				$1,080,891	$1,068,602	98.9	$1,068,602 $1,068,602

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

Priority List 13

Bayou Sale Shoreline Protection DEAUTHORIZED	TECHE	STMRY		16-Jun-2004 A	01-Sep-2014 *	30-Aug-2015	$2,254,912	$2,254,912	100.0	$1,864,438 $1,851,658

Status: Project scope change did not get approved by Technical Committee. Project team reviewing option suggested by Parish to allow a test section of an alternative shoreline protection product, funded by Parish. Project Team currently assessing viability.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		13					$2,254,912	$2,254,912	100.0	$1,864,438 $1,851,658

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

Priority List 14

East Marsh Island Marsh Creation	TECHE	IBERI	169	04-Oct-2006 A	15-Feb-2010 A	22-Jul-2011 A	$23,025,451	$22,613,085	98.2	$15,641,495 $15,461,261
	Status:	Construction of marsh creation has been completed. Vegetative Plantings began March 2011, expected to be completed by July 2011.								
South Shore of the Pen Shoreline Protection & Marsh Creation	BARA	JEFF	106	07-Dec-2005 A	17-Jun-2010 A	06-Jun-2012 A	$21,639,574	$19,851,404	91.7	$16,963,081 $15,176,352
	Status:	Project was completed on June 6, 2012.								
White Ditch Resurrection and Outfall Management DEAUTHORIZED	BRET	PLAQ		11-Aug-2005 A			$1,595,677	$1,020,420	63.9	$1,020,420 $1,020,420
	Status:	Project team has agreed to move to deauthorization due to issues regarding location & operation of siphon.								
Total Priority List		14	275				$46,260,702	$43,484,909	94.0	$33,624,996 $31,658,033

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Priority List 16										
Alligator bend Marsh Restoration & Shoreline Protection	PONT	ORL	181	11-Jun-2008 A	01-Sep-2013 *	30-Aug-2014 *	$1,660,985	$1,660,985	100.0	$1,374,073 $1,364,230
	Status:	Project Design was completed in November 2011. Task Force did not approve funding for construction at January 2012 meeting. Project will request funding again at the January 2013 meeting.								
Total Priority List		16	181				$1,660,985	$1,660,985	100.0	$1,374,073 $1,364,230

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

Priority List 17										
Sediment Containment System for Marsh Creation Demo	COAST	COAST	0	28-Jan-2008 A	08-Jan-2013 A	11-Sep-2013 A	$1,163,343	$1,163,343	100.0	$980,892 $600,361
	Status:	LA-9 Demo Project was included with the PO-75 Pilot Study. Project was awarded on January 7, 2013.								
West Pointe a la Hache Marsh Creation	BARA	PLAQ	203	24-Jan-2008 A	01-Sep-2014 *	30-Aug-2015	$1,620,740	$1,620,740	100.0	$1,361,685 $610,007
	Status:	Project Team is waiting on results from BA-42 project regarding borrow site. Geotechnical Investigation and Surveying of fill placement area has begun. A 30% review meeting is anticipated for May 2013.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		17	203				$2,784,083	$2,784,083	100.0	$2,342,577 $1,210,368

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

Priority List 18

Cameron-Creole Freshwater Introduction	CA/SB	CAMER	473	04-May-2009 A	04-Apr-2012 A	01-Jul-2016	$2,696,928	$2,540,030	94.2	$1,911,339 $1,522,791
	Status:	Design on project has been halted pending results from Southwest Study model. Project Team will review status in January 2013.								
Central Terrebonne Freshwater Enhancement	TERRE	TERRE	456	04-May-2009 A	01-Sep-2014 *	01-Jul-2016	$2,326,289	$2,326,289	100.0	$1,858,769 $1,158,831
	Status:	Initial model runs show successful change in salinity. Current scenarios being evaluated are analyzing impacts on velocity. Design is now concurrent with modeling effort. A 30% review is anticipated for June 2014.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Non-Rock Alternatives to Shoreline Protection Demo	COAST	COAST	0	04-May-2009 A	27-May-2013 *	24-Apr-2017	$12,767,672	$6,108,699	47.8	$5,970,972 $3,934,367

Status: Projected Timelines

Project was advertised on Nov. 15, 2011

Site VisitsNov. 16 & 17, 2011

Proposals Due on RFPMar. 15, 2012)

< Phase I >
Review of ProposalsMay 14, 2012)

Interview ProcessJune 28, 2012)

< Phase 2 >
Notice of Selection (for Phase 2 design) (July 13, 2012)

Draft Design Schedule from NRCS(Aug. 3, 2012)

Phase 2 Contract Award (Aug. 13, 2012)

Final Design Schedule from NRCS(Aug. 17, 2012)

Begin Surveys and Prepare P&S for advertisement
(Sep. 19, 2012)

Final Product Selection and Develop Phase III Budget(Nov. 26, 2012)

Submit Budget Increase Request to Technical Committee (TC)(Nov. 27, 2012)

Request Task Force Approval and BudgetJanuary 17, 2013

< Phase 3 >
Notice of Selection (for Phase III)(Jan. 25, 2013)

Advertise NRCS Dredging Contract(Mar. 18, 2013)

Finalize NRCS Plans & Specifications(May 25, 2013)

Phase 3 Contract Award (May 27, 2013)

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Baseline	Current	%	Actual Obligations/ Expenditures
				********** SCHEDULES **********			******** ESTIMATES ********			
		NTP on NRCS Dredging Contract(May 31, 2013)								
		Construction of Shoreline Protection Systems(Jan. 22, 2014)								
		Construction Report(Feb. 21, 2014)								
		Monitoring Period(Jan. 23, 2017)								
		Completion Report and Project Closeout(Apr. 24, 2017)								
Total Priority List		18	929				$17,790,889	$10,975,018	61.7	$9,741,080 $6,615,989

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

Priority List 19

Freshwater Bayou Marsh Creation	MERM	VERMI	279	01-Apr-2010 A	01-Jul-2015	01-Aug-2016	$2,425,997	$2,425,997	100.0	$2,229,392 $1,033,882
	Status:	Project design has been halted due to landowner requirements for extensive borrow site testing. Project Team is currently evaluating options. A 30% review is anticipated for June 2014.								
LaBranche East Marsh Creation	PONT	STCHA	715	01-Apr-2010 A	01-Sep-2015	30-Aug-2016	$2,571,273	$2,571,273	100.0	$2,258,281 $2,114,324
	Status:	Pilot study was awarded on January 7, 2013.								

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		19	994				$4,997,270	$4,997,270	100.0	$4,487,673 $3,148,206

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

Priority List 20

Coastwide Vegetative Planting	COAST	COAST	779	20-Sep-2011 A	27-Jul-2012 A	01-Jun-2013 *	$12,689,725	$5,850,509	46.1	$4,350,405 $1,098,800

Status: In Year 1 the project selected three locations for planting contracts:
1) South Lake DeCade has been advertised and is scheduled to be awarded in August 2012.

2)Marsh Island is scheduled to be advertised in September 2012 and will be planted in Spring 2013.

3)Cameron Creole is scheduled to be advertised in October 2012 and will be planted in Spring 2013.

Kelso Bayou Marsh Creation	CA/SB	CAMER	274	20-Sep-2011 A	01-Sep-2014 *	30-Aug-2015	$2,360,609	$2,360,609	100.0	$2,208,146 $904,552

Status: Planning and Design is ongoing. Surveying of fill placement area is completed. Location and subsequent investigation of proposed borrow site is currently under review.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		20	1,053				$15,050,334	$8,211,118	54.6	$6,558,550 $2,003,352

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

Priority List 21

LaBranche Central Marsh Creation	PONT	STCHA	731	01-Jun-2012 A	01-Sep-2015	01-Aug-2016	$42,159,208	$3,885,298	9.2	$3,612,186 $1,138,125
	Status:	Project is currently in the planning and design phase. A 30% review meeting is anticipated for May 2014.								
Total Priority List		21	731				$42,159,208	$3,885,298	9.2	$3,612,186 $1,138,125

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

Priority List 22

North Catfish Lake Marsh Creation	TERRE	LAFOU	401				$30,385,887	$3,216,194	10.6	$2,562,529 $63,582
	Status:									

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		22	401				$30,385,887	$3,216,194	10.6	$2,562,529 $63,582

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

Priority List 23

South Grand Chenier Marsh Creation – Baker Tract	MERM **Status:**		393				$25,441,833	$2,653,242	10.4	$1,768,800 $0
Total Priority List		23	393				$25,441,833	$2,653,242	10.4	$1,768,800 $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 AGRICULTURE (NRCS)

	PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total	DEPT. OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE			39,499				$516,517,005	$410,786,798	79.5	$333,731,851 $277,585,167

67 Project(s)
64 Cost Sharing Agreements Executed
45 Construction Started
39 Construction Completed
11 Project(s) Deferred/Deauthorized

Notes:

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

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

Lead Agency: DEPT. OF THE INTERIOR, U.S. Geological Survey

Priority List 0.1

Coastwide Reference Monitoring System - Wetlands	COAST	COAST		13-Feb-2013 A	14-Aug-2003 A		$114,607,082	$75,844,538	66.2	$62,377,652 $56,947,002

Status: The status of the CRMS network and data collection is as follows: all sites (391) have approved landrights and are fully constructed. Data collection is occurring at all sites. All data are posted within the DNR SONRIS database. Available data includes hydrologic, vegetation, elevation/accretion, and soil properties and coastwide aerial photography and satellite imagery. Ten CRMS sites were equipped with real time continuous hydrologic gages in September 2010. A CRMS website has been established as an offshoot of LaCoast.gov (http://www.lacoast.gov/crms2/Home.aspx). The CRMS website provides graphing, visualizations, and data download functionality. The website is designed to facilitate easy access to data and products.

CRMS analytical teams, including agency and academic personnel, were established for landscape, hydrology, vegetation, soils, and data delivery. The teams have developed ecological indices in consultation with the CWPPRA Monitoring Work Group. The ecological indices are incorporated in the CRMS report card which was released in 2011 and is accessed through the CRMS website. The website continues to evolve to support the data and tools that are developed through the CRMS program.

CRMS data are being used in the Operations, Maintenance, and Monitoring Reports for CWPPRA projects and will be incorporated into the 2012 CWPPRA Report to U.S. Congress to evaluate project effectiveness. Several articles have been submitted for publication and are in peer review, but the following documents have been published:

Coastwide Reference Monitoring System (CRMS): U.S. Geological Survey Fact Sheet 2010-3018, 2 p. http://pubs.usgs.gov/fs/2010/3018/.

Cretini, K.F., and Steyer, G.D. 2011, Floristic Quality Index -- An assessment tool for restoration projects and monitoring sites in coastal Louisiana: U.S. Geological Survey Fact Sheet 2011-3044, 4 p. http://pubs.usgs.gov/fs/2011/3044/.

Cretini, K.F, Visser, J.M., Krauss, K.W., and Steyer, G.D. 2012. Development and use of a floristic quality index for coastal Louisiana marshes. Environmental Monitoring and Assessment. 184(4):2389-2403.

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total Priority List		0.1					$114,607,082	$75,844,538	66.2	$62,377,652 $56,947,002

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

Priority List 0.2

Monitoring Contingency Fund	COAST	COAST	22-Sep-2004 A	08-Dec-1999 A		$1,500,000	$1,500,000	100.0	$666,704 $666,704

Status: On July 10, 2009 USGS approved the backlog of previously approved (by P&E) contingency fund requests that were never invoiced (i.e., multiple projects, CRMS implementation plan and landrights) in the amount of $334,562.53 and a resurveying of Atchafalaya and Big Island projects $70,894.21 (June 4, 2007).

On October 9, 2008, the CWPPRA Task Force approved $320,000 for 4 tasks associated with Hurricanes Gustav and Ike. A new land water survey (USGS), elevation re-survey (CPRA), helicopter salinity survey (USGS) and retrofit of sondes (CPRA).

Total Priority List		0.2					$1,500,000	$1,500,000	100.0	$666,704 $666,704

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

Priority List 0.3

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Storm Recovery Assessment Fund	COAST	COAST		21-Aug-2007 A	18-Oct-2006 A		$569,586	$569,586	100.0	$426,056 $426,056
	Status:	On November 5, 2008, the CWPPRA Task Force approved an additional $266,227.00 to cover assessments associated with Hurricanes Gustav and Ike. Amendment #1 to the original cooperative agreement was submitted by USGS to the Louisiana CPRA in October 2011. Awaiting signature from Director's of CPRA and USGS.								
Total Priority List		0.3					$569,586	$569,586	100.0	$426,056 $426,056

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

Priority List 0.4

Construction Program Technical Support Services Fund	COAST	COAST	0	19-Oct-2011 A			$729,464	$729,464	100.0	$496,941 $226,656
	Status:									
Total Priority List		0.4	0				$729,464	$729,464	100.0	$496,941 $226,656

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

	PROJECT	BASIN	PARISH	ACRES	********** SCHEDULES ********** CSA	Const Start	Const End	******** ESTIMATES ******** Baseline	Current	%	Actual Obligations/ Expenditures
Total	DEPT. OF THE INTERIOR, U.S. Geological Survey			0				$117,406,132	$78,643,588	67.0	$63,967,353 $58,266,418

4 Project(s)
4 Cost Sharing Agreements Executed
3 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 by Basin

		No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
Basin: Atchafalaya										
Priority List:	2	2	3,792	2	2	2	0	$8,458,713	$9,458,771	$8,678,768
Priority List:	9	1		1	0	0	1	$1,484,633	$1,717,883	$1,717,883
Basin Total		3	3,792	3	2	2	1	$9,943,346	$11,176,653	$10,396,651
Basin: Barataria										
Priority List:	1	3	620	3	3	3	0	$9,960,769	$13,953,487	$11,596,584
Priority List:	2	1	510	1	1	1	0	$3,398,867	$28,873,513	$22,711,406
Priority List:	3	3	646	3	1	1	1	$4,160,823	$7,092,040	$3,988,388
Priority List:	4	2	232	2	1	1	1	$4,611,094	$3,384,598	$3,166,796
Priority List:	5	2	633	2	1	1	1	$17,269,755	$2,708,830	$2,436,924
Priority List:	6	1	217	1	1	1	0	$5,019,900	$5,224,477	$4,774,706
Priority List:	7	2	1,431	2	2	2	0	$18,443,924	$28,198,357	$26,769,948
Priority List:	9	3	264	3	1	0	2	$49,550,137	$39,682,936	$12,362,816
Priority List:	10	2	941	1	0	0	1	$4,901,948	$4,906,012	$3,339,649
Priority List:	11	5	1,808	5	5	5	0	$168,205,123	$167,395,411	$150,664,478
Priority List:	12	1	326	1	1	0	0	$28,342,879	$27,162,306	$21,801,949
Priority List:	14	2	106	2	1	1	1	$24,861,461	$22,786,429	$18,111,377
Priority List:	15	1	447	1	1	0	0	$38,040,158	$37,968,898	$9,901,331
Priority List:	17	2	389	2	0	0	0	$40,160,355	$39,605,333	$2,224,146
Priority List:	18	1	370	0	0	0	0	$42,579,616	$42,095,162	$2,455,194
Priority List:	19	1	308	1	0	0	0	$3,419,263	$3,419,263	$1,109,616
Priority List:	21	1	407	1	0	0	0	$23,198,757	$2,354,788	$681,019
Priority List:	22	2	686	2	0	0	0	$61,971,868	$5,724,529	$30,713
Priority List:	23	2	445	0	0	0	0	$60,139,039	$6,393,076	$0
Basin Total		37	10,786	33	19	16	7	$608,235,736	$488,929,443	$298,127,038

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

		No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
Basin: Breton Sound										
Priority List:	2	1	802	1	1	1	0	$2,522,199	$4,536,000	$3,916,030
Priority List:	3	1		1	0	0	1	$756,134	$32,862	$32,862
Priority List:	4	1		0	0	0	1	$2,468,908	$65,747	$65,747
Priority List:	8	1		0	0	0	1	$2,500,239	$56,476	$56,476
Priority List:	10	2	267	1	1	1	1	$4,339,140	$3,398,501	$2,850,003
Priority List:	14	1		1	0	0	1	$1,595,677	$1,020,420	$1,020,420
Priority List:	15	1	620	0	0	0	0	$1,205,354	$9,510	$9,510
Priority List:	17	2	409	2	0	0	1	$33,826,686	$32,701,596	$2,422,122
Priority List:	18	1		1	0	0	1	$2,129,816	$2,129,816	$477,683
Basin Total		11	2,098	7	2	2	7	$51,344,153	$43,950,927	$10,850,853

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

		No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
Basin: Calcasieu/Sabine										
Priority List:	**1**	3	6,407	3	3	3	0	$5,770,187	$3,005,492	$2,645,334
Priority List:	**2**	4	2,737	4	3	3	1	$8,568,462	$11,232,859	$10,278,989
Priority List:	**3**	2	3,555	2	2	2	0	$8,301,380	$10,353,670	$7,732,524
Priority List:	**4**	3	1,203	3	2	2	1	$2,893,802	$2,870,122	$2,459,348
Priority List:	**5**	1	247	1	1	1	0	$4,800,000	$3,929,152	$3,422,804
Priority List:	**6**	1	3,594	1	1	1	0	$6,316,806	$6,170,284	$5,958,902
Priority List:	**8**	4	993	4	3	2	0	$38,949,204	$30,981,603	$17,278,318
Priority List:	**9**	2	623	2	2	2	0	$9,642,838	$17,465,805	$8,457,531
Priority List:	**10**	1	225	1	1	1	0	$6,490,751	$4,944,870	$4,650,982
Priority List:	**11.1**	1	330	1	1	1	0	$19,252,500	$14,130,233	$13,989,141
Priority List:	**18**	1	473	1	1	0	0	$2,696,928	$2,540,030	$1,522,791
Priority List:	**20**	2	750	2	0	0	0	$25,766,221	$4,737,398	$1,359,254
Priority List:	**21**	1	489	0	0	0	0	$29,781,354	$3,165,322	$598,884
Priority List:	**22**	1	264	0	0	0	0	$27,685,820	$3,108,025	$5,278
Basin Total		27	21,890	25	20	18	2	$196,916,253	$118,634,863	$80,360,080

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

		No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
Basin: Coastal Basins										
Priority List:	Cons Plan	1		1	1	1	0	$238,871	$143,855	$143,855
Priority List:	0.1	1		1	1	0	0	$114,607,082	$75,844,538	$56,947,002
Priority List:	0.2	1		1	1	0	0	$1,500,000	$1,500,000	$666,704
Priority List:	0.3	1		1	1	0	0	$569,586	$569,586	$426,056
Priority List:	0.4	1	0	1	0	0	0	$729,464	$729,464	$226,656
Priority List:	6	1	0	1	1	1	0	$2,140,000	$806,220	$806,220
Priority List:	9	1		0	0	0	1	$1,502,817	$83,556	$83,556
Priority List:	10	1	0	1	1	1	0	$2,006,424	$2,747,094	$2,459,632
Priority List:	11	1	14,963	1	1	1	0	$68,864,870	$32,235,247	$22,469,370
Priority List:	12	1	0	1	1	1	0	$1,080,891	$1,068,602	$1,068,602
Priority List:	13	1	0	1	1	1	0	$1,000,000	$707,839	$707,839
Priority List:	16	1	0	1	1	1	0	$919,599	$919,599	$736,686
Priority List:	17	1	0	1	1	1	0	$1,163,343	$1,163,343	$600,361
Priority List:	18	1	0	1	0	0	0	$12,767,672	$6,108,699	$3,934,367
Priority List:	20	1	779	1	1	0	0	$12,689,725	$5,850,509	$1,098,800
Basin Total		15	15,742	14	12	8	1	$221,780,344	$130,478,151	$92,375,707

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

		No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
Basin: Miss. River Delta										
Priority List:	**1**	1	9,831	1	1	1	0	$8,517,066	$50,863,503	$43,916,228
Priority List:	**3**	2	936	1	1	1	1	$3,666,187	$922,705	$944,300
Priority List:	**4**	1		1	0	0	1	$300,000	$58,310	$58,310
Priority List:	**6**	2	2,386	2	2	2	0	$7,073,934	$6,637,339	$4,233,945
Priority List:	**10**	1		0	0	0	1	$1,076,328	$976,581	$976,581
Priority List:	**12**	1		0	0	0	1	$1,880,376	$354,791	$354,791
Priority List:	**13**	1		0	0	0	1	$1,137,344	$310,152	$310,152
Priority List:	**15**	1		1	0	0	1	$1,074,522	$1,074,522	$490,532
Basin Total		10	13,153	6	4	4	6	$24,725,757	$61,197,902	$51,284,839

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

		No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
Basin: Mermentau										
Priority List:	1	2	247	2	2	1	1	$1,368,671	$1,319,270	$1,146,866
Priority List:	2	1	1,593	1	1	1	0	$2,770,093	$6,059,652	$3,396,087
Priority List:	3	1		1	1	0	1	$126,062	$103,468	$103,468
Priority List:	5	1	511	1	1	1	0	$3,998,919	$5,609,593	$2,579,831
Priority List:	7	1	442	1	1	1	0	$2,185,900	$2,390,984	$2,323,315
Priority List:	8	1	378	1	1	1	0	$1,526,136	$1,574,926	$1,150,570
Priority List:	9	2	296	2	1	1	1	$7,296,603	$6,463,307	$6,356,169
Priority List:	10	2	1,133	2	1	1	0	$11,565,112	$7,223,104	$5,036,868
Priority List:	11	2	459	2	0	0	0	$35,415,359	$32,338,556	$2,661,458
Priority List:	12	1	844	1	1	1	0	$19,673,929	$10,535,962	$10,462,852
Priority List:	15	1		1	0	0	1	$1,102,043	$779,422	$779,422
Priority List:	16	1	888	0	0	0	0	$1,266,842	$1,266,842	$11,594
Priority List:	17	1	0	0	1	1	0	$1,981,822	$2,316,692	$1,970,928
Priority List:	19	1	279	1	0	0	0	$2,425,997	$2,425,997	$1,033,882
Priority List:	23	1	393	0	0	0	0	$25,441,833	$2,653,242	$0
Basin Total		19	7,463	16	11	9	4	$118,145,321	$83,061,018	$39,013,310

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

		No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
Basin: Pontchartrain										
Priority List:	1	2	1,753	2	2	2	0	$6,119,009	$5,466,263	$5,075,752
Priority List:	2	2	2,320	2	2	2	0	$4,500,424	$3,894,225	$3,285,670
Priority List:	3	3	755	3	1	1	2	$2,683,636	$967,201	$967,201
Priority List:	4	1		0	0	0	1	$5,018,968	$39,025	$39,025
Priority List:	5	1	75	1	1	1	0	$2,555,029	$2,589,403	$2,355,937
Priority List:	8	2	134	2	1	1	1	$5,475,065	$2,493,439	$2,123,150
Priority List:	9	3	220	2	1	1	2	$2,407,524	$1,230,695	$1,230,695
Priority List:	10	1	165	1	1	1	0	$18,378,900	$28,646,027	$18,249,538
Priority List:	11	1		1	0	0	1	$5,434,288	$6,780,307	$5,991,279
Priority List:	12	1		0	0	0	1	$1,348,345	$1,089,193	$1,089,193
Priority List:	13	1	436	1	1	1	0	$21,067,777	$14,373,499	$13,716,120
Priority List:	16	1	181	1	0	0	0	$1,660,985	$1,660,985	$1,364,230
Priority List:	19	1	715	1	0	0	0	$2,571,273	$2,571,273	$2,114,324
Priority List:	20	1	478	1	0	0	0	$23,875,866	$23,553,196	$521,876
Priority List:	21	1	731	1	0	0	0	$42,159,208	$3,885,298	$1,138,125
Basin Total		22	7,963	19	10	10	8	$145,256,297	$99,240,030	$59,262,116

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

		No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
Basin: Teche / Vermilion										
Priority List:	**1**	1	65	1	1	1	0	$1,526,000	$2,047,479	$2,007,627
Priority List:	**2**	1	378	1	1	1	0	$1,008,634	$1,043,748	$887,425
Priority List:	**3**	1	2,223	1	1	1	0	$5,173,062	$10,036,640	$8,268,266
Priority List:	**5**	1	441	1	1	1	0	$940,065	$886,030	$739,126
Priority List:	**6**	4	2,567	4	4	4	0	$10,130,000	$10,347,331	$8,931,966
Priority List:	**8**	1	24	1	1	1	0	$1,013,820	$1,181,129	$1,108,593
Priority List:	**9**	3	167	1	1	1	2	$7,814,815	$3,779,832	$3,715,080
Priority List:	**13**	1		1	0	0	1	$2,254,912	$2,254,912	$1,851,658
Priority List:	**14**	1	169	1	1	1	0	$23,025,451	$22,613,085	$15,461,261
Priority List:	**21**	1	398	0	0	0	0	$26,631,223	$3,136,805	$339,969
Basin Total		15	6,432	12	11	11	3	$79,517,982	$57,326,991	$43,310,971

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report by Basin

		No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
Basin: Terrebonne										
Priority List:	1	5	9	4	3	3	2	$8,809,393	$9,376,759	$9,278,290
Priority List:	2	3	958	3	3	3	0	$12,831,588	$23,103,661	$20,803,026
Priority List:	3	4	3,958	4	4	4	0	$15,758,355	$25,068,616	$22,782,888
Priority List:	4	2	215	2	1	1	1	$6,119,470	$7,715,925	$7,659,234
Priority List:	5	3	0	3	1	1	2	$31,120,343	$4,703,403	$4,703,403
Priority List:	5.1	1		1	0	0	1	$9,700,000	$7,452,191	$7,452,191
Priority List:	6	4	941	2	1	1	2	$30,522,757	$34,864,934	$15,823,310
Priority List:	7	1	0	1	1	1	0	$460,222	$538,101	$538,101
Priority List:	9	4	577	4	4	4	0	$29,772,484	$33,961,653	$30,388,989
Priority List:	10	2	669	2	1	1	0	$44,750,163	$45,966,960	$42,500,063
Priority List:	11	3	348	3	2	1	1	$37,686,501	$40,962,511	$35,316,374
Priority List:	12	1		0	0	0	1	$2,229,876	$1,716,949	$1,716,949
Priority List:	13	1	272	1	1	0	0	$27,453,090	$30,163,401	$29,321,349
Priority List:	16	2	639	2	1	1	0	$45,252,588	$44,571,261	$26,386,992
Priority List:	18	1	456	1	0	0	0	$2,326,289	$2,326,289	$1,158,831
Priority List:	19	1	452	1	0	0	0	$34,626,728	$31,404,442	$765,116
Priority List:	20	1	353	0	0	0	0	$27,414,402	$2,901,750	$536,321
Priority List:	22	1	401	0	0	0	0	$30,385,887	$3,216,194	$63,582
Priority List:	23	1	312	0	0	0	0	$39,185,267	$3,721,447	$0
Basin Total		41	10,560	34	23	21	10	$436,405,403	$353,736,447	$257,195,008
Total All Basins		200	99,879	169	114	1E +0	49	$1,892,270,592	$1,447,732,426	$942,176,573

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Project Status Summary Report - Total All Priority Lists

PROJECT		ACRES	******** ESTIMATES ******** Baseline	Current	%	Obligations	Expenditures
SUMMARY	Total All Projects	99,879	$1,892,270,592	$1,447,732,426	76.5	$1,147,060,065	$942,176,573

200 Project(s)
169 Cost Sharing Agreements Executed
114 Construction Started
101 Construction Completed
49 Project(s) Deferred/Deauthorized

Total Available Funds

Federal Funds	$1,253,818,864
Non/Federal Funds	$208,907,008
Total Funds	$1,462,725,871

AUTHENTICATED
U.S. GOVERNMENT
INFORMATION
GPO

Public Law 113–159
113th Congress

An Act

To provide an extension of Federal-aid highway, highway safety, motor carrier safety, transit, and other programs funded out of the Highway Trust Fund, and for other purposes.

Aug. 8, 2014
[H.R. 5021]

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE; TABLE OF CONTENTS.

Highway and Transportation Funding Act of 2014.
23 USC 101 note.

(a) SHORT TITLE.—This Act may be cited as the "Highway and Transportation Funding Act of 2014".

(b) TABLE OF CONTENTS.—The table of contents for this Act is as follows:

Sec. 1. Short title; table of contents.
Sec. 2. Findings.

TITLE I—SURFACE TRANSPORTATION PROGRAM EXTENSION

Subtitle A—Federal-Aid Highways

Sec. 1001. Extension of Federal-aid highway programs.
Sec. 1002. Administrative expenses.

Subtitle B—Extension of Highway Safety Programs

Sec. 1101. Extension of National Highway Traffic Safety Administration highway safety programs.
Sec. 1102. Extension of Federal Motor Carrier Safety Administration programs.
Sec. 1103. Dingell-Johnson Sport Fish Restoration Act.

Subtitle C—Public Transportation Programs

Sec. 1201. Formula grants for rural areas.
Sec. 1202. Apportionment of appropriations for formula grants.
Sec. 1203. Authorizations for public transportation.
Sec. 1204. Bus and bus facilities formula grants.

Subtitle D—Hazardous Materials

Sec. 1301. Authorization of appropriations.

TITLE II—REVENUE PROVISIONS

Sec. 2001. Extension of Highway Trust Fund expenditure authority.
Sec. 2002. Funding of Highway Trust Fund.
Sec. 2003. Funding stabilization.
Sec. 2004. Extension of Customs user fees.

TITLE III—TREATMENT FOR PAYGO PURPOSES

Sec. 3001. Budgetary Effects.

SEC. 2. FINDINGS.

23 USC 101 note.

Congress finds that—

(1) the existing Highway Trust Fund system is unsustainable and unable to meet our Nation's 21st century transportation needs;

is amended by inserting "and $665,753 for the period beginning on October 1, 2014, and ending on May 31, 2015," after "2014".

SEC. 1103. DINGELL-JOHNSON SPORT FISH RESTORATION ACT.

Section 4 of the Dingell-Johnson Sport Fish Restoration Act (16 U.S.C. 777c) is amended—

(1) in subsection (a) in the matter preceding paragraph (1) by inserting "and for the period beginning on October 1, 2014, and ending on May 31, 2015" after "2014"; and

(2) in subsection (b)(1)(A) by striking "for each" and all that follows before "the Secretary of the Interior" and inserting "for each fiscal year ending before October 1, 2014, and for the period beginning on October 1, 2014, and ending on May 31, 2015,".

Subtitle C—Public Transportation Programs

SEC. 1201. FORMULA GRANTS FOR RURAL AREAS.

Section 5311(c)(1) of title 49, United States Code, is amended—

(1) in subparagraph (A) by inserting "for each fiscal year ending before October 1, 2014, and $3,328,767 for the period beginning on October 1, 2014, and ending on May 31, 2015," before "shall be distributed"; and

(2) in subparagraph (B) by inserting "for each fiscal year ending before October 1, 2014, and $16,643,836 for the period beginning on October 1, 2014, and ending on May 31, 2015," before "shall be apportioned".

SEC. 1202. APPORTIONMENT OF APPROPRIATIONS FOR FORMULA GRANTS.

Section 5336(h)(1) of title 49, United States Code, is amended by inserting "for each fiscal year ending before October 1, 2014, and $19,972,603 for the period beginning on October 1, 2014, and ending on May 31, 2015," before "shall be set aside".

SEC. 1203. AUTHORIZATIONS FOR PUBLIC TRANSPORTATION.

(a) FORMULA GRANTS.—Section 5338(a) of title 49, United States Code, is amended—

(1) in paragraph (1) by striking "and $8,595,000,000 for fiscal year 2014" and inserting ", $8,595,000,000 for fiscal year 2014, and $5,722,150,685 for the period beginning on October 1, 2014, and ending on May 31, 2015";

(2) in paragraph (2)—

(A) in subparagraph (A) by striking "and $128,800,000 for fiscal year 2014" and inserting ", $128,800,000 for fiscal year 2014, and $85,749,041 for the period beginning on October 1, 2014, and ending on May 31, 2015,";

(B) in subparagraph (B) by inserting "and $6,657,534 for the period beginning on October 1, 2014, and ending on May 31, 2015," after "2014";

(C) in subparagraph (C) by striking "and $4,458,650,000 for fiscal year 2014" and inserting ", $4,458,650,000 for fiscal year 2014, and $2,968,361,507 for the period beginning on October 1, 2014, and ending on May 31, 2015,";

"(B) $14,513,425 to carry out subsections (a) and (b) of section 5116, of which not less than $9,087,534 shall be available to carry out section 5116(b);

"(C) $99,863 to carry out section 5116(f);

"(D) $416,096 to publish and distribute the Emergency Response Guidebook under section 5116(i)(3); and

"(E) $665,753 to carry out section 5116(j).".

(c) HAZARDOUS MATERIALS TRAINING GRANTS.—Section 5128(c) of title 49, United States Code, is amended by inserting "and $2,663,014 for the period beginning on October 1, 2014, and ending on May 31, 2015," after "2014".

TITLE II—REVENUE PROVISIONS

SEC. 2001. EXTENSION OF HIGHWAY TRUST FUND EXPENDITURE AUTHORITY.

26 USC 9503.

(a) HIGHWAY TRUST FUND.—Section 9503 of the Internal Revenue Code of 1986 is amended—

(1) by striking "October 1, 2014" in subsections (b)(6)(B), (c)(1), and (e)(3) and inserting "June 1, 2015", and

(2) by striking "MAP–21" in subsections (c)(1) and (e)(3) and inserting "Highway and Transportation Funding Act of 2014".

26 USC 9504.

(b) SPORT FISH RESTORATION AND BOATING TRUST FUND.—Section 9504 of the Internal Revenue Code of 1986 is amended—

(1) by striking "MAP–21" each place it appears in subsection (b)(2) and inserting "Highway and Transportation Funding Act of 2014", and

(2) by striking "October 1, 2014" in subsection (d)(2) and inserting "June 1, 2015".

26 USC 9508.

(c) LEAKING UNDERGROUND STORAGE TANK TRUST FUND.—Paragraph (2) of section 9508(e) of the Internal Revenue Code of 1986 is amended by striking "October 1, 2014" and inserting "June 1, 2015".

SEC. 2002. FUNDING OF HIGHWAY TRUST FUND.

(a) IN GENERAL.—Subsection (f) of section 9503 of the Internal Revenue Code of 1986 is amended by redesignating paragraph (5) as paragraph (7) and by inserting after paragraph (4) the following new paragraphs:

"(5) ADDITIONAL SUMS.—Out of money in the Treasury not otherwise appropriated, there is hereby appropriated—

"(A) $7,765,000,000 to the Highway Account (as defined in subsection (e)(5)(B)) in the Highway Trust Fund; and

"(B) $2,000,000,000 to the Mass Transit Account in the Highway Trust Fund.

"(6) ADDITIONAL INCREASE IN FUND BALANCE.—There is hereby transferred to the Highway Account (as defined in subsection (e)(5)(B)) in the Highway Trust Fund amounts appropriated from the Leaking Underground Storage Tank Trust Fund under section 9508(c)(3).".

(b) APPROPRIATION FROM LEAKING UNDERGROUND STORAGE TANK TRUST FUND.—

(1) IN GENERAL.—Subsection (c) of section 9508 of the Internal Revenue Code of 1986 is amended by adding at the end the following new paragraph:

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

CONSTRUCTION UPDATE

For Report:

The CWPPRA agencies will provide a report on projects that are currently under construction and projects that have been recently completed construction.

Recently Completed Construction CWPPRA Projects

Coastwide Vegetative Plantings – West Little Lake, The Jaws, Little Vermilion Bay, Willow Lake (LA-39), NRCS

Delta-Wide Crevasses Project (MR-09), NMFS

Currently Under Construction CWPPRA Projects

Coastwide Vegetative Plantings – Rockefeller Unit 4 (LA-39), NRCS

Bayou Dupont Marsh and Ridge Creation (BA-48), NMFS

Grand Liard Marsh and Ridge Restoration (BA-68), NMFS

Lake Hermitage Marsh Creation (BA-42), FWS

Sabine Refuge Marsh Creation Cycles 4&5 (CS-28-4&5), FWS & USACE

CWPPRA
Construction Update

Task Force Meeting

October 23, 2014
New Orleans, LA

NRCS

CWPPRA

Completed or Under Construction

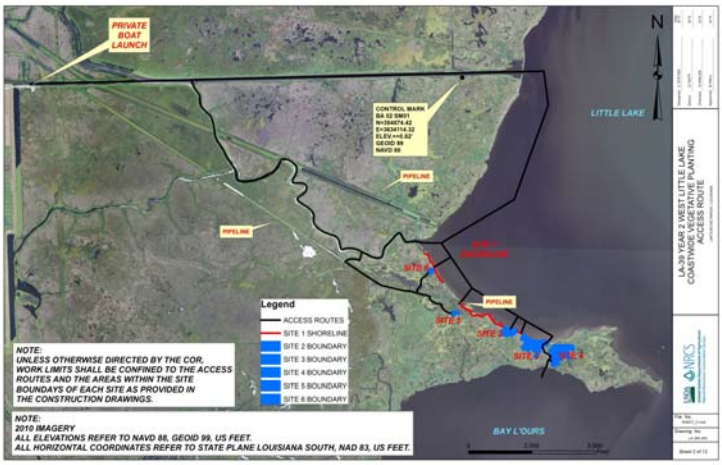
Project Name: LA-39 Coastwide Vegetative Plantings

Program Year	Site Name	Parish	Status	Planting Date	Plant Numbers by Species				Contract Amount
					Smooth cordgrass	California bulrush	Other	Total	
2	West Little Lake	Lafourche	Completed	Fall 2014	900	9,670		10,570	$ 73,190
3	The Jaws	Vermilion	Completed	Fall 2014		10,650		10,650	$ 71,438
3	Little Vermilion Bay	Vermilion	Completed	Fall 2014		25,900		25,900	$ 176,153
3	Willow Lake	Cameron	Completed	Fall 2014		17,664	297	17,961	$ 119,853
4	Rockefeller Unit 4	Cameron	Awarded	Spring 2015		11,350		11,350	$ 68,650

CWPPRA

Completed Construction

Project Name: Coastwide Vegetative Plantings (LA-39)
West Little Lake

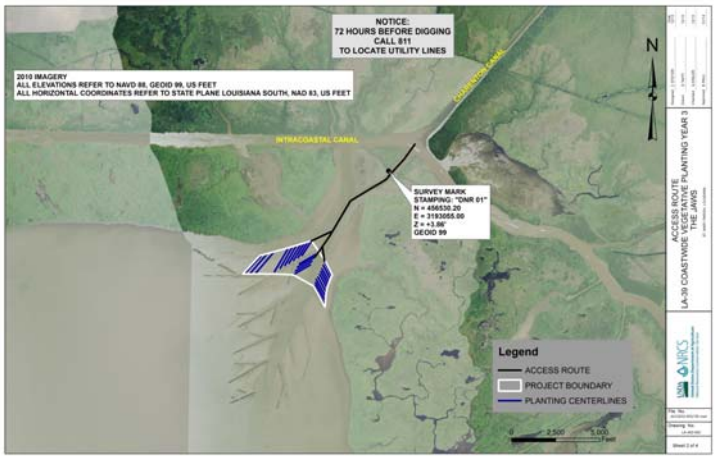


900 Spartina alterniflora 'Vermilion' – trade gallons *9,670 Schoenoplectus californicus* –trade gallons

CWPPRA

Completed Construction

Project Name: Coastwide Vegetative Plantings (LA-39)
The Jaws



10,650 Schoenoplectus californicus –trade gallons

CWPPRA

Completed Construction

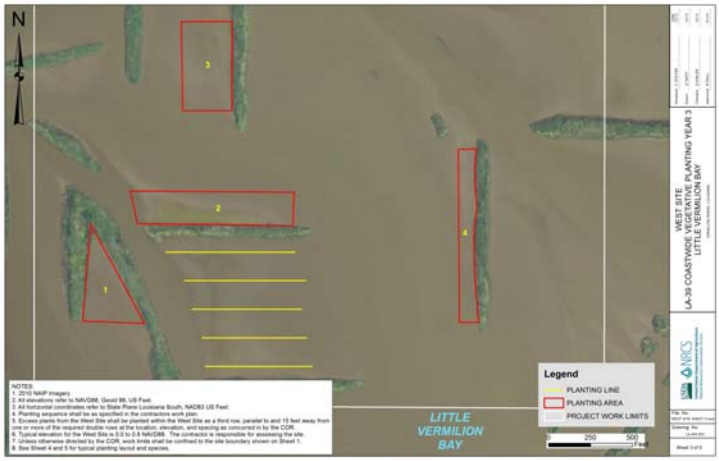
Project Name: Coastwide Vegetative Plantings (LA-39)
Little Vermilion Bay

2,500 Schoenoplectus californicus –trade gallons

CWPPRA

Completed Construction

Project Name: Coastwide Vegetative Plantings (LA-39)
Little Vermilion Bay

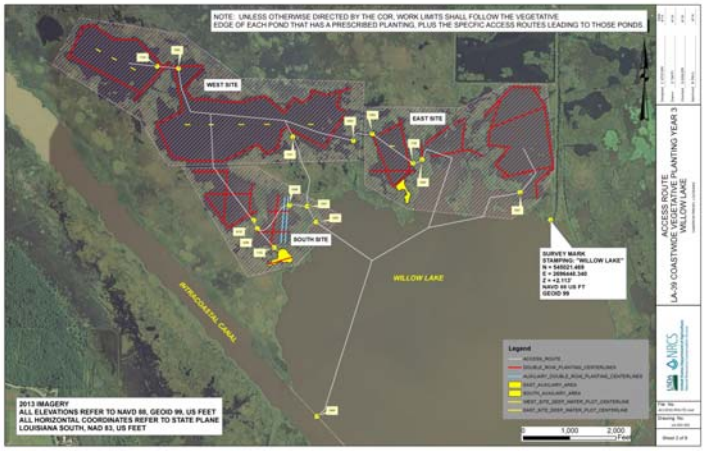


23,400 Schoenoplectus californicus –trade gallons

CWPPRA

Completed Construction

Project Name: Coastwide Vegetative Plantings (LA-39)
Willow Lake

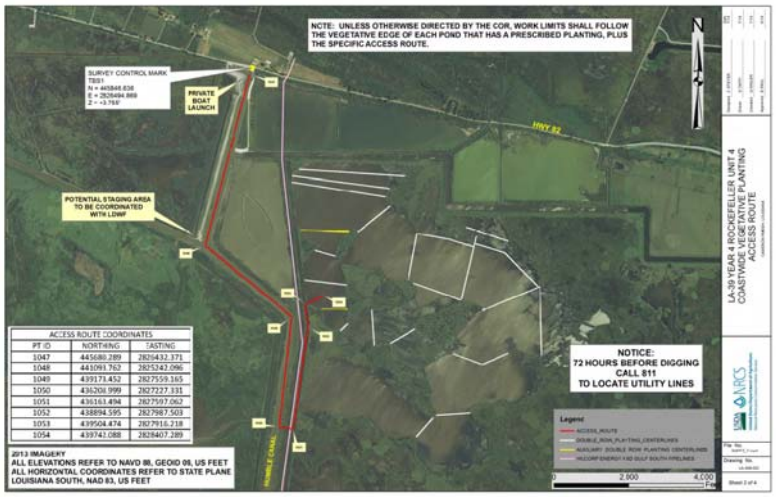


17,664 Schoenoplectus californicus –trade gallons

CWPPRA

Under Construction

Project Name: Coastwide Vegetative Plantings (LA-39) Rockefeller Unit 4



11,350 Schoenoplectus californicus –trade gallons

NMFS

CWPPRA

Completed Construction

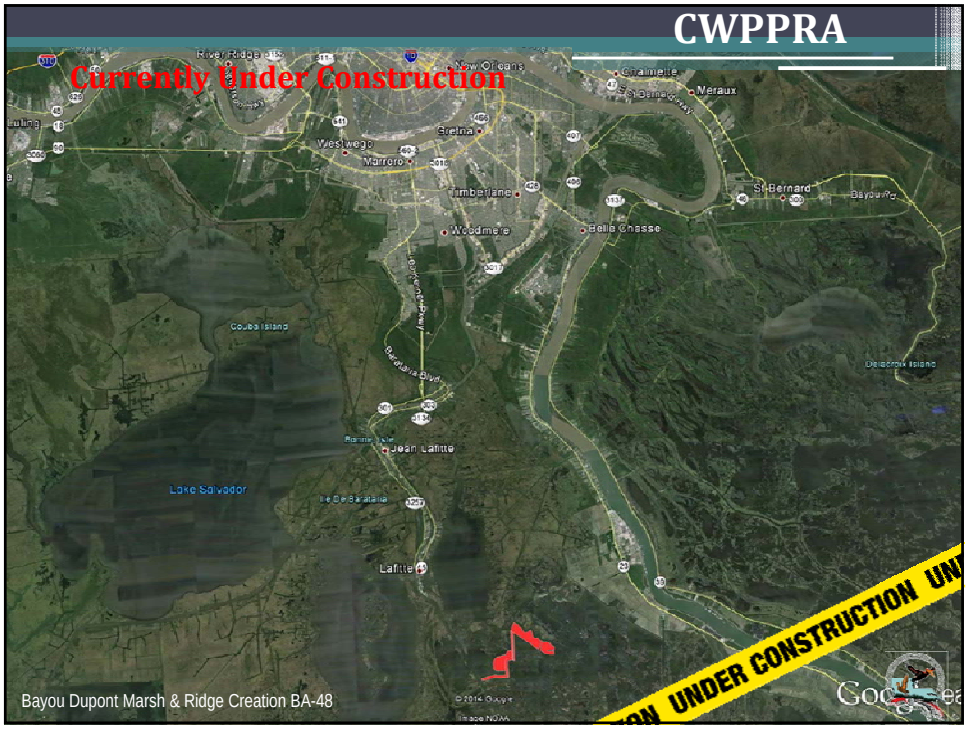
Project Name: Delta-Wide Crevasses Project (MR-09)
Location: Plaquemines Parish, Mississippi River Delta
Date Completed: 6/25/14
Third and final construction event of 7 crevasse locations. Previously constructed/cleared 22 crevasses and measured 499 acre gain
Construction Cost: $2,209,044

CWPPRA

Currently Under Construction

Project Name: Bayou Dupont Marsh & Ridge Creation BA-48
Location: Plaquemines & Jefferson Parishes
Status: Initial lift on all containment/ridge complete
Pipeline install progressing
Dredging to begin this month
Expected Construction Cost: $34M

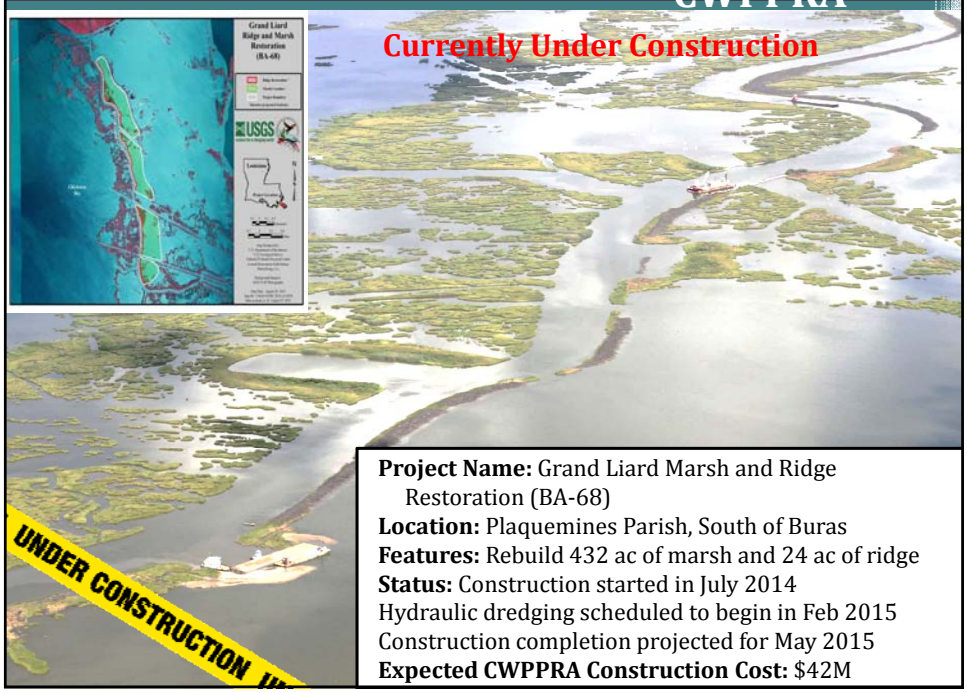
Bayou Dupont Marsh & Ridge Creation BA-48


CWPPRA
Currently Under Construction
Bayou Dupont Marsh & Ridge Creation BA-48
UNDER CONSTRUCTION

CWPPRA
Currently Under Construction
• In conjunction with BA-43 EB
• BA-48 base + alt:370 acres
• Total with BA-43 EB: 785 acres
• Total const' contract $79M
Bayou Dupont Marsh & Ridge Creation BA-48
UNDER CONSTRUCTION

CWPPRA

Currently Under Construction



Project Name: Grand Liard Marsh and Ridge Restoration (BA-68)
Location: Plaquemines Parish, South of Buras
Features: Rebuild 432 ac of marsh and 24 ac of ridge
Status: Construction started in July 2014
Hydraulic dredging scheduled to begin in Feb 2015
Construction completion projected for May 2015
Expected CWPPRA Construction Cost: $42M

FWS

CWPPRA

Under Construction

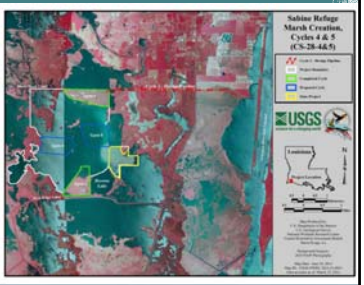
Project: Lake Hermitage Marsh Creation
Location: Plaquemines Parish, West Pointe a la Hache
Status: Construction Start: February 2012
746 acres complete (75%); 261 acres remaining
Shoreline restoration complete
Construction End: December 2014
Expected CWPPRA Construction Cost: $35M

795 acres of marsh creation - CWPPRA
6,300 feet of shoreline restoration - CWPPRA
212 acres of marsh creation – NRDA/State

FWS & USACE

CWPPRA

Currently Under Construction



Project Name: Sabine Refuge Marsh Creation, Cycles 4 and 5 (CS-28-4&5)

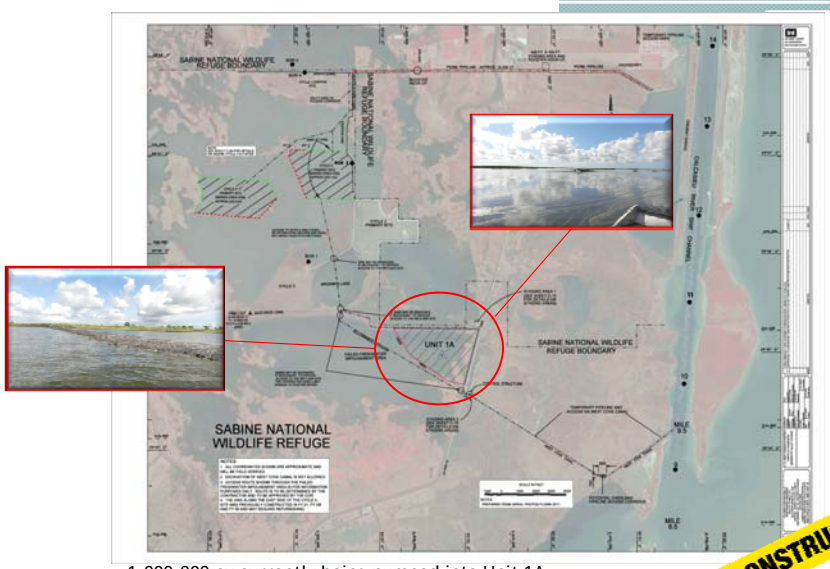
Location: Sabine National Wildlife Refuge, Cameron Parish

Status: Construction Began on September 22, 2014,
Average Production Rate of 16,000 cy/day
Estimated completion Spring 2015

Expected Construction Cost: ≈ $7,000,000

CTION UNDER CONSTRUCTION UND

CWPPRA



-1,000,000 cy currently being pumped into Unit 1A
-Low level weir constructed for containment in Unit 1A
-Dikes currently being constructed for Cycles 4 and 5
-potentially create 260 additional acres of marsh

CTION UNDER CONSTRUCTION UND

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

STATUS OF UNCONSTRUCTED PROJECTS

For Report/Decision:

The P&E Subcommittee will report on the status of unconstructed CWPPRA projects as well as projects recommended for deauthorization, inactivation, or transfer.

Technical Committee Recommendation:

The Task Force will consider the following Technical Committee recommendations:

a. Unconstructed project recommended by the project team to deauthorize:
   - Southwest Louisiana Gulf Shoreline Nourishment and Protection (ME-24), USACE

b. Unconstructed project requested by the project team to inactivate:
   - Alligator Bend Marsh Restoration and Shoreline Protection (PO-34), NRCS

February 2009
Cost figures as of: August 2014

Southwest Louisiana Gulf Shoreline Nourishment and Protection (ME-24)

Project Status

Approved Date: 2006 **Project Area:** 1,244 acres
Approved Funds: $1.26 M **Total Est. Cost:** $36.9 M
Net Benefit After 20 Years: 888 acres
Status: Engineering and Design
Project Type: Shoreline Protection
PPL #: 16

Location

The project is located along the Mermentau Basin in Cameron and Vermilion Parishes, Louisiana.

Problems

The Gulf of Mexico's shoreline, in the vicinity of Rockefeller Refuge, is reportedly eroding at an estimated rate of 35 to 39 feet per year.

Restoration Strategy

Approximately 4.9 million cubic yards of sediment will be deposited along 47,900 linear feet of gulf shoreline between Dewitt Canal and Constance Lake. The result will be to create approximately 421 acres of marsh platform, mud flat and shallow water that extend into the gulf.

Progress to Date

The Louisiana Coastal Wetlands Conservation and Restoration Task Force approved engineering and design funding in January, 2006. The project delivery team has been assembled and, pending development and acceptance of a cost share agreement, a kickoff meeting and site visit will be planned.

This project is listed on Priority Project List 16.

Southwest Louisiana Gulf Shoreline

Southwest Louisiana Gulf Shoreline

For more project information, please contact:

Federal Sponsor:
U.S. Army Corps of Engineers
New Orleans, LA
(504) 862-1597

Local Sponsor:
Coastal Protection and Restoration Authority
Baton Rouge, LA
(225) 342-4736

Southwest Louisiana Gulf Shoreline Nourishment and Protection (ME-24)

Supra-Tidal Dredge Material *

Borrow Site *

Project Boundary

*denotes proposed features

USGS
science for a changing world

N

1 0 1 2 Kilometers

0.9 0 0.9 1.8 Miles

Map Produced by:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station
Baton Rouge, La.

Background Imagery:
2005 Digital Orthophoto Quarter Quadrangle

Map Date: November 15, 2006
Map ID: USGS-NWRC 2007-11-0075
Data accurate as of: November 14, 2006

August 2009
Cost figures as of: August 2014

Alligator Bend Marsh Restoration and Shoreline Protection (PO-34)

Project Status

Approved Date: 2006 **Project Area:** 301 acres
Approved Funds: $1.66 M **Total Est. Cost:** $29.8 M
Net Benefit After 20 Years: 181 acres
Status: lLanning and Design
Project Type: Marsh Restoration and Shoreline Protection
PPL #: 16

Location

This project is located in Region 1, Pontchartrain Basin, Orleans Parish, along the East Orleans Landbridge on the northwest shoreline of Lake Borgne. The project area is located between the Chef Pass, the Gulf Intracoastal Waterway (GIWW), Unknown Pass, and Lake Borgne.

Problems

The landfall of hurricane Katrina in southeast Louisiana destroyed thousands of acres of marsh and other coastal habitats in the Lake Pontchartrain basin. Along the shorelines of Lake Borgne the storm created breaches between the lake and interior marshes and in some cases removed large expanses of wetlands. Loss of wetlands in the Alligator Bend area has created more than 1,000 acres of open water in a complex that formerly supported relatively stable brackish marshes. Post-storm aerial photographs show the most significant losses occurred along the flanks of Bayou Platte. The current landscape configuration has left a large area of open water between eroding shorelines on Lake Borgne and along the GIWW. Continued shoreline erosion and future storms could create a direct path of open water connecting the GIWW and Lake Borgne and threaten the integrity of this important landbridge.

Restoration Strategy

The current objective of this project is to protect the shoreline integrity of Lake Borgne and prevent hydrologic coupling between the lake and the open water behind the shoreline. A foreshore rock dike will be constructed along approximately 26,702 linear feet of the shoreline. In the shoreline areas not protected by the rock dike, approximately 21,674 feet of vegetation will be planted. The rows will be staggered to facilitate the establishment of a "vegetative-wall" to insure a continuous line of protection against erosion. At least two rows of terraces will be constructed parallel to the shoreline and they will also be planted with vegetation. Terraces and shoreline plantings will work synergistically to reduce erosion.

Progress to Date

Project is currently in the Planning and Design Phase. A 30% review meeting is anticipated for June 2010. Project is scheduled to request Phase II funding at the January 2011 Task Force meeting. Construction is anticipated to begin October 2011 with a completion date of September 2012.

This project is on Priority Project List 16.

Protecting the Alligator Bend shoreline will limit incursions of open water into interior marshes.

For more project information, please contact:

Federal Sponsor:
Natural Resources Conservation Service
Alexandria, LA
(318) 473-7756

Local Sponsor:
Coastal Protection and Restoration Authority
Baton Rouge, LA
(225) 342-4736

Alligator Bend Marsh Restoration and Shoreline Protection (PO-34)

Rock Dike *

Vegetative Plantings *

Terracing *

*denotes proposed features

USGS
science for a changing world

N

0.5 0 0.5 1 Kilometers

0.5 0 0.5 1 Miles

Map Produced by:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station
Baton Rouge, La.

Background Imagery:
2008 Digital Orthophoto Quarter Quadrangle

Map Date: August 04, 2009
Map ID: USGS-NWRC 2009-11-0347
Data accurate as of: August 04, 2009

q. PROJECT DEAUTHORIZATION, INACTIVATION, OR TRANSFERS TO OTHER PROGRAMS

(1) If the project sponsors agree that it is necessary to deauthorize a project prior to construction, then they shall submit a letter to the TC requesting approval by the TF to deauthorize the project and explaining the reasons for the request.

If the project sponsors do not agree to deauthorize a project prior to construction, then either party or the chair of the P&E may submit a letter to the TC requesting approval by the TF to deauthorize the project and explaining their reasons for the request.

If circumstances warrant transfer of a project to an alternate authority, either as directed by programmatic Congressional authorization or voluntarily requested by a separate authority, then that receiving authority, in coordination with the project sponsors, shall submit a letter to TC requesting the transfer and explaining the reasons for the transfer.

(2) The TC will forward to the TF a recommendation concerning deauthorization or transfer of the project. Nothing herein shall preclude the federal sponsor, local sponsor, or a receiving authority from bringing a request for deauthorization or transfer to the TF irrespective of the recommendation of the TC.

(3) Upon submittal of a request for deauthorization or transfer the TC, all parties shall suspend all future obligations and expenditures as soon as practicable until the issue is resolved.

(4) Upon receiving preliminary approval from the TF to deauthorize or transfer a project, the Chairman of the TC shall send notice to the Louisiana Congressional delegation, the State House and Senate Natural Resources Committee chairs, the State Senator(s) and State Representatives(s) in whose district the project falls, senior parish officials in the parish(es) where the project is located, any landowners whose property would be directly affected by the project, any interested parties, requesting their comments and advising them a final decision on deauthorization or transfer will be made at the next TF meeting.

(5) If the TF determines that a project should be transferred to another authority, the project sponsors shall provide a chronological summary of all work completed to date; identify any outstanding issues; and provide all project information to the receiving authority, including acquired data, engineering and design analyses, and project documents. The project sponsors shall host an information transfer meeting with appropriate representatives of the receiving authority. The purpose of the meeting is to review project status and details regarding work accomplished to date. Expenditures of CWPPRA funds to re-package project information, conduct additional analyses, or acquire new data or information are not anticipated and shall require explicit approval by the TF.

(6) When the TF determines that a project should be abandoned or no longer pursued because of economic or other reasons or transferred to another authorization, all expenditures shall cease immediately or as soon as practicable if the project is deauthorized or after information is transferred to another authority according to Section 6.q(5) to another authority. The TC will notify Congress and the State House and Senate Natural Resources Committee chairs of the decision.

(7) Once a project is deauthorized or transferred by the TF, it shall be categorized as "deauthorized" or "transferred" and closed-out as required by Section 6.p.

(8) At the discretion of the TF, unconstructed projects that are considered feasible but have not been funded for construction due to programmatic issues (e.g., high costs, cost share agreement issues, etc.) and have completed a 95% Design Review may be considered for inactivation. If this occurs, all project funding will be returned to the program. If conditions (e.g., economic and/or programmatic) change, the project sponsors may request consideration from the TC to return to active status with an updated funding request. Upon approval by the TF, the project will be placed back into active status. If not approved, the project will remain inactive until conditions do change, or the project is transferred to an entity outside of the CWPPRA program. A project placed in an inactive status does not preclude it from being transferred to a willing party if approved by the TF.

2014 SOUP - Status Unconstructed Projects - PPL 1 - 19

Project Name	Project No.	Agency	PPL	Authorized Date/Phase I Approval	Construction/ Phase II Approval	30% Design Review Date*	95% Design Review Date*	Current Approved Economic Analsyis Date (Budget Estimate on Books)	Construct Start*	Construct Complete*	Current Approved Funded Budget	Expenditures	1st cost Unexpended	Monitoring Unexpended	O&M Unexpended	TOTAL Unexpended	TOTAL Unobligated	Current Total FF Cost Est . On Books	On Sched	Waiting on Phase II Funds	Proj Issue Delays	Prog Issue Delays	Recommend Transfer	Recommend Deauthorization	Recommend Inactivation	Inactive Projects
Sabine Refuge Marsh Creation, Cycles 4&5	CS-28-4&5	FWS	8	20-Jan-99	19-Jan-11	na	na	19-Jan-11			$8,111,705	$0	$7,795,447	$0	$157,349	$7,952,796	$7,952,796	$10,328,064	X							
Rockefeller Refuge Gulf Shoreline Stabilization	ME-18	NMFS	10	10-Jan-01		15-May-14	29-Sep-14	23-May-13			$2,408,478	$1,336,223	$1,069,388	$6,931		$1,072,255	$648,195	$28,082,507	X							
Hydrologic Restoration & Vegetative Planting in the des Allemands Swamp	BA-34-2	EPA	10	10-Jan-01	22-Jan-15	1-Dec-14	31-Oct-14	30-May-13	1-May-15	13-May-16	$2,362,687	$790,940	$1,573,747	-$2,005		$1,571,742	$228,246	$8,263,731	X							
South Grand Chenier Marsh Creation	ME-20	FWS	11	16-Jan-02	22-Jan-14	6-Aug-09	3-Nov-09	16-Jan-14	1-May-15	1-May-16	$22,282,940	$1,743,172	$594,530	$20,898		$615,248	$20,512,171	$22,623,346	X							
Grand Lake Shoreline Protection, Tebo Point & O&M Only [CIAP]	ME-21	NRCS	11	16-Jan-02	15-Feb-07	11-May-04	16-Aug-04	15-May-14	1-Jan-15	30-Dec-15	$10,055,616	$914,024	$2,280,447	$14,559	$6,306,586	$9,141,592		$10,055,616	X							
South Lake Lery Shoreline and Marsh Restoration	BS-16	FWS	17	25-Oct-07	19-Jan-12	27-Oct-10	16-Nov-11	15-Dec-11	1-Nov-14	1-Nov-15	$32,238,260	$1,875,113	$30,672,929	$24,938	$24,975	$30,722,842	$30,523,103	$32,466,987	X							
West Pointe a la Hache Marsh Creation	BA-47	NRCS	17	25-Oct-07	1-Jan-17	1-May-16	1-Aug-16	TBD	1-Sep-17	30-Sep-18	$1,620,740	$552,460	$1,068,280			$1,068,280		$16,136,639	X							
Cameron-Creole Freshwater Introduction	CS-49	NRCS	18	21-Jan-09	1-Jan-16	1-Nov-14	1-Mar-15	17-Oct-08	1-Sep-17	30-Sep-18	$2,696,928	$1,434,831	$574,205		$530,994	$1,105,199		$16,640,120	X							
Freshwater Bayou Marsh Creation	ME-31	NRCS	19	20-Jan-10	1-Jan-16	1-May-15	1-Aug-15	3-Nov-09	1-Sep-17	30-Sep-18	$2,425,997	$926,933	$1,499,064			$1,499,064		$25,523,755	X							
LaBranche East Marsh Creation	PO-75	NRCS	19	20-Jan-10	1-Jan-17	1-May-16	1-Aug-16	3-Nov-09	1-Sep-18	30-Sep-19	$2,571,273	$2,081,719	$489,554			$489,554		$32,323,291	X							
Madison Bay Marsh Creation and Terracing	TE-51	NMFS	16	18-Oct-06		23-Jul-13	24-Oct-13	18-Oct-06			$3,002,171	$1,441,322	$1,560,849			$1,560,849	$323,398	$38,798,788		X						
Cheniere Ronquille Barrier Island Restoration	BA-76	NMFS	19	20-Jan-10		5-May-11	13-Oct-11	14-Nov-12			$3,419,263	$1,109,616	$2,309,647			$2,309,647	$364,140	$40,409,022		X						
West Pointe a la Hache Outfall Management	BA-04c	NRCS	3	01-Oct-93	22-Jan-15	3-Oct-12	15-Nov-14	15-Sep-08	1-Aug-15	1-Jan-16	$5,370,516	$999,010	$1,643,060	$798,087	$829,138	$3,270,285	$1,101,221	$5,370,516			X					
North Lake Boudreaux Basin Freshwater Intro and Hydro Mgt	TE-32a	FWS	6	na	28-Oct-10	4-Aug-09	29-Jun-10	28-Oct-10	1-Apr-16	1-May-17	$20,048,152	$3,107,783	$16,549,285	$363,872	$429,192	$17,342,349	$17,094,309	$25,766,765			X					
Central Terrebonne Freshwater Enhancement	TE-66	NRCS	18	21-Jan-09	1-Jan-17	1-May-16	1-Aug-16	17-Oct-08	1-Sep-17	30-Sep-18	$2,326,289	$1,100,749	$1,225,540			$1,225,540		$16,640,120			X					
Lost Lake Marsh Creation and Hydrologic Restoration	TE-72	FWS	19	20-Jan-10	24-Jan-13	19-Jun-12	31-Oct-12	24-Jan-13	1-Jan-15	1-Jan-16	$34,626,728	$765,116	$1,555,098	$281,401	$3,205,880	$33,861,612	$33,822,807	$34,626,728			X					
Southwest LA Gulf Shoreline Nourishment and Protection**	ME-24	COE	16	18-Oct-06	20-Jan-17	8-Apr-16	7-Jul-16	18-Oct-06	30-Jun-17	10-Jul-18	$1,266,842	$10,155	$1,256,687			$1,256,687	$1,256,687	$36,922,487						X		
Alligator Bend Marsh Restoration and Shoreline Protection	PO-34	NRCS	16	18-Oct-06	23-Jan-13	18-Aug-11	16-Nov-11	12-Nov-13			$1,660,985	$1,360,735	$300,250			$300,250		$44,832,616							X	
Freshwater Bayou Bank Stab - Belle Isle Canal to Lock	TV-11b	COE	9	11-Jan-00		17-Jun-02	22-Jan-04	11-Jan-00			$1,498,967	$1,101,738	$283,328	$113,901		$397,229	$397,229	$35,634,067								X
Ship Shoal: Whiskey West Flank Restoration	TE-47	EPA	11	16-Jan-02	23-Jan-13	5-Oct-04	28-Sep-05	16-Jan-02	15-Jan-14	1-Oct-14	$3,742,053	$2,017,484	$1,712,888	$11,681		$1,724,569	$408,354	$65,355,775								X
Venice Ponds Marsh Creation & Crevasses	MR-15	EPA	15	08-Feb-06	23-Jan-13	29-Jun-11	25-Oct-11	8-Feb-06	1-Sep-13	1-Sep-14	$1,074,522	$400,614	$673,908			$673,908	$161,184	$22,156,292								X

*Use actual or current schedule date for design review and construction schedules

**CRITICAL WATCH LIST PROJECT

***Preliminary Analysis of Consistency

na= Not applicable (Cash Flow, Complex, or PENDING DEAUTH)

	Current Approved Funded Budget	Expenditures	1st cost Unexpended	Monitoring Unexpended	O&M Unexpended	TOTAL Unexpended	TOTAL Unobligated	Current Total FF Cost Est . On Books
On Schedule	$86,774,624	$11,655,415	$47,617,591	$65,320	$7,019,904	$55,238,572	$59,864,512	$202,444,056
Waiting on Phase II $	$6,421,434	$2,550,938	$3,870,496	$0	$0	$3,870,496	$687,538	$79,207,810
Project Issue Delays	$62,371,685	$5,972,658	$20,972,983	$1,443,360	$4,464,210	$55,699,786	$52,018,337	$82,404,129
Program Issue Delays								
Rec. Transfer								
Rec. Deauthorization	$1,266,842	$10,155	$1,256,687	$0	$0	$1,256,687	$1,256,687	$36,922,487
Rec. Inactivation	$1,660,985	$1,360,735	$300,250	$0	$0	$300,250	$0	$44,832,616
Over $50 million								

Agency Key:

FWS
NMFS
EPA
COE
NRCS

Critical Watch List 2014

Note: All projects on this tab will give a status report at the September 2014 Technical Committee Meeting

Project Name	Project No.	Agency	PPL	Project Issue Delays	Near-term Milestones	Current Phase
Southwest LA Gulf Shoreline Nourishment and Protection	ME-24	COE	16	CSA	All work is on hold pending approval of a new Cost Share Agreement. Late July 2012 the CG met with the head of CPRA to discuss this issue; however, the CSA issues are still unresolved. As a result of SOUP 2013, the P&E recommended transferring lead federal sponsor from USACE to EPA. After reviewing updated cost estiamtes, EPA does not accept transfer. Deauthorization is recommended.	

Projects On Schedule

Project Name	Project No.	Agency	PPL	Project Status & Critical Milestone(s)	Current Phase
Sabine Refuge Marsh Creation, Cycle 4&5	CS-28-4&5	FWS	8	In June 2012 CWPPRA Task Force approved the transfer of Federal Sponsorship from USACE to FWS. A CSA has been signed between CPRA and FWS. Next dredging event is scheduled for FY14.	I
Rockefeller Refuge Gulf Shoreline Stabilization	ME-18	NMFS	10	Change in Scope approved for project June 2013 Task Force meeting. Renewed cooperative agreement (CSA) expected October 2013. 30% design review Summer 2014.	I
Hydrologic Restoration and Vegetative Planting in the des Allemands Swamp	BA-34-2	EPA	10	A scope and name change were approved by the Task Force at the June 2013 meeting. 30% design review is planned for August 2014 and 95% in October 2014.	I
South Grand Chenier Marsh Creation	ME-20	FWS	11	Phase 2 funding was approved in January 2014. Construction is expected to begin May 2015.	II
Grand Lake Shoreline Protection, Tebo Point & O&M Only [CIAP]	ME-21a&b	NRCS	11	Project design is complete. Revised cost estimate indicates project can be completed with existing funds. CPRA has not concurred with decision to request construction approval. Project decision pending.	II
South Lake Lery Shoreline and Marsh Restoration	BS-16	FWS	17	Bid advertisement will close on July 24, 2014. Construction is expected to begin in November 2014.	I
West Pointe a la Hache Marsh Creation	BA-47	NRCS	17	Project design halted pending decision on BA-42 Lake Hermitage. If BA-42 successfully constructs sites 7 and 9, then BA-47 will be deauthorized and Phase I funds will be returned to the program. If BA-42 is halted prior to completion of the BA-47 area, then E&D will resume for remaining cells.	I
Cameron-Creole Freshwater Introduction	CS-49	NRCS	18	Delays due to CPRA modeling has been resolved. Preliminary design almost complete. A 30% and 95% review schedule has been set.	I
Freshwater Bayou Marsh Creation	ME-31	NRCS	19	The project was approved for Phase I funding at the January 2010 Task Force meeting. NRCS has completed initial surveys, but geotechnical investigation of the project area and borrow site have not been completed. Additionally, a wave analysis model will be completed once the borrow site is finalized. NRCS and ExxonMobile (landowner) are investigating contaminant testing protocol to ensure that borrow material is safe to use for marsh creation. That protocol was accepted on April 28, 2014 and implementation of testing is expected to begin this summer/fall.	I
LaBranche East Marsh Creation	PO-75	NRCS	19	Pilot Study complete. Monitoring of results will continue until August 2014. Planning and Design of preferred alternative will proceed upon decision in August 2014. Current schedule for Phase II approval is Winter 2016 Task Force Meeting.	I

Projects Waiting on Phase II Funding

Project Name	Project No.	Agency	PPL	Near-term Milestones	# of Phase II Requests	Current Phase
Madison Bay Marsh Creation & Terracing	TE-51	NMFS	16	Project did not receive funding at January 2014 Task Force meeting; will re-compete for funding at January 2015 Task Force meeting.	1	I
Chenier Ronquille Barrier Island Restoration	BA-76	NMFS	19	The project was unsuccessful in securing phase 2 funds in January 2013. CPRA and NOAA identified project to be built via DWH NRDA early restoration phase 3. Stipulation agreement expected to be signed by late summer 2014, but there may be issues. Not recommending deauthorization or transfer at this point in case NRDA falls through. Should know by end of 2014.		

Projects Delayed by Project Delivery Team Issues

Project Name	Project No.	Agency	PPL	Project Issue Delays	Project Status & Critical Milestone(s)	Current Phase
West Pointe a la Hache Outfall Management	BA-04c	NRCS	3	Scope Change in Past	CPRA design contractor has not completed design. A 95% review is planned for November 2014. A decision will be made whether to continue or deauthorize project before fall Tech Comm meeting.	I
North Lake Boudreaux Basin Freshwater Intro and Hydro Mgt	TE-32a	FWS	6	Permitting & Landrights	Several regulatory issues remain and still need to be resolved. A 404 permit should be issued by August 2014. Landrights issues also remain and work should be finalized by January 2016. Construction is expected to begin in April 2016.	II
Central Terrebonne Freshwater Enhancement	TE-66	NRCS	18		Modeling phase of project was completed. CPRA is considering moving project to state only project under a different program. Project team is revising cost and benefits for CPRA decision and will bring to the workgroups by fall 2014. A decision will be made whether to continue, transfer or deauthorize the project at the following TC/TF mtgs.	I
Lost Lake Marsh Creation and Hydrologic Restoration	TE-72	FWS	19	Landrights	According to CPRA project management, CPRA provided comments and revised landrights language to ConocoPhilips in June 2014. No additional information has been provided.	II

Projects Recommended for Deauthorization

Project Name	Project No.	Agency	PL	Issues	Reason(s) for Potential De-authorization
Southwest LA Gulf Shoreline Nourishment and Protection	ME-24	COE	16	CSA	All work is on hold pending approval of a new Cost Share Agreement. Late July 2012 the CG met with the head of CPRA to discuss this issue; however, the CSA issues are still unresolved. As a result of SOUP 2013, the P&E recommended transferring lead federal sponsor from USACE to EPA. After reviewing updated cost estiamtes, EPA does not accept transfer. Deauthorization is recommended.

Projects Recommended for Inactivation

Project Name	Project No.	Agency	PL	# of Phase II Requests	Reason(s) for Potential Inactivation
Alligator Bend Marsh Restoration and Shoreline Protection	PO-34	NRCS	16	2	Project design is complete. Project team has decided not to request funding until CWPPRA is reauthorized or another funding source is available.

Inactive Projects

Project Name	Project No.	Agency	PL	Issue Category	Project Status & Critical Milestone(s)	Current Phase
Freshwater Bayou Bank Stab - Belle Isle Canal to Lock	TV-11b	COE	9	CSA	All work was put on hold pending approval of a new Cost Share Agreement. The Task Force voted to inactivate this project at the June 4, 2013 meeting.	
Ship Shoal: Whiskey West Flank Restoration	TE-47	EPA	11	9	Since this project is still viable, it is likely that some adjustments to the plans and specifications will be required once Phase 2 approval has been obtained. It does not appear to be practical to address these adjustments until phase 2 approval has been obtained. The Task Force voted to inactive this project at the June 2014 meeting due to the project having gone through a 95% design review.	
Venice Ponds Marsh Creation & Crevasses	MR-15	EPA	15	3	The Task Force voted to inactive this project at the June 2014 meeting due to the project having gone through a 95% design review.	I

Projects Removed from SOUP

Project Name	Project No.	Agency	PL	Yr Removed from SOUP	Reason Removed from SOUP List
South Lake Decade Freshwater Introduction	TE-39	NRCS	9		Construction completed July 12, 2011.
Lake Borgne and MRGO Shoreline Protection	PO-32	COE	12		Project was deauthorized.
South Shore of the Pen	BA-41	NRCS	14		Construction completed June 5, 2012.
East Marsh Island Marsh Creation	TV-21	EPA/NRCS	14		Construction completed February 2011.
Penchant Basin Natural Resources Plan, Incr 1	TE-34	NRCS	6		Construction completed August 29, 2012.
West Belle Pass Barrier Headland Restoration Project	TE-52	NMFS	16	2011	Bid opening occurred July 14, 2011.
Barataria Barrier Shoreline, Pelican Island to Chaland Pass (CU2)	BA-38	NMFS	11	2011	Bid opening occurred July 7, 2011. Low bidder within available funds. Construction anticipated to begin Fall 2011.
Fort Jackson Sediment Diversion	na	COE	na	2012	Project was closed out October 2011.
Riverine Sand Mining/Scofield Island Restoration	BA-40	NMFS	14	2012	Project was deauthorized January 2012
Lake Hermitage Marsh Creation	BA-42	FWS	15	2012	Construction scheduled to be completed by October 2012.
Barataria Basin Landbridge, Phase 3 CU #7	BA-27c	NRCS	9	2012	Construction scheduled to begin by September 2013.
Barataria Basin Landbridge, Phase 3 CU #8	BA-27c	NRCS	9	2012	Construction scheduled to begin by September 2013.
Raccoon Island Shoreline Protection and Marsh Creation	TE-48	NRCS	11	2012	Construction completed on April 27, 2013.
Little Pecan Bayou Hydrologic Restoration	ME-17	NRCS	9	2013	Project was deauthorized in October 2012.
Benneys Bay Diversion	MR-13	COE	10	2013	Project was deauthorized in October 2012.
Weeks Bay Marsh Creation/Shoreline Protection/Commercial Canal/Freshwater Redirection	TV-19	COE	9	2013	Project was transferred out of the CWPPRA Program to Iberia Parish in June 2013.
Delta Building Diversion North of Fort St. Philip	BS-10	COE	10	2013	Project was deauthorized in June 2013.
Avoca Island Diversion and Land Building	TE-49	COE	12	2013	Project was deauthorized in June 2013.
Spanish Pass Diversion	MR-14	COE	13	2013	Project was deauthorized in June 2013.
White Ditch Resurrection	BS-12	NRCS	14	2013	Project was deauthorized in June 2013.
Bohemia Mississippi River Reintroduction	BS-15	EPA	17	2013	Project was deauthorized in June 2013.
GIWW Bank Rest of Critical Areas in Terrebonne	TE-43	NRCS	10	2013	In construction
Sediment Containment for Marsh Creation Demonstration	LA-09	NRCS	17	2013	In construction
River Reintroduction into Maurepas Swamp	PO-29	EPA	11	2014	Transferred to CPRA in 2013.
Bayou Sale Shoreline Protection	TV-20	NRCS	13	2014	Project was deauthorized in May 2014.
Bertrandville Siphon	BS-18	EPA	18	2014	Project was deauthorized in May 2014.
Bayou Dupont Ridge and Marsh Restoration	BA-48	NMFS	17	2014	In construction
Grand Liard Marsh and Ridge Restoration	BA-68	NMFS	18	2014	In construction

Status Review - Unconstructed CWPPRA Projects
July 23, 2014

1. Project Name (and number): Sabine Refuge Marsh Creation (CS-28 - 4 & 5)

2. SOUP Category: On Schedule

3. PPL: 8

4. Federal Agency: Fish and Wildlife Service

5. Date of Construction Approval / Phase Two Approval: January 19, 2011

6. Approved Total Budget: $8,111,705

7. Fully Funded Cost Estimate: $10,328,064

8. Expenditures: $0

9. Unexpended Funds: $ 8,111,705

10. Estimate of anticipated funding increases, including O&M: $0

11. Potential changes to project benefits: Total benefits changed from 232 acres to 462 acres after scope change.

12. Brief chronology of project development and issues affecting implementation:

(1999) Sabine Refuge Marsh Creation project approved
(2004) Additional funds and construction approval for Cycles II and III
(2009) Construction of Cycle II pipeline
(2011) Project scope change to merge remaining two cycles into one project
(2012) Lead sponsorship transferred to FWS
(2012) CSA signed between FWS and CPRA
(2013) Project scope change to increase funding and allow dedicated dredging
(2014) updated CSA signed between FWS and CPRA

13. Current status/remaining issues: Awaiting deposition of matching funds in bank. Bids will be opened July 24, 2014 for the FY14 Calcasieu River Ship Channel maintenance dredging. Also, the federal standard has been increased to 400 ft which will allow cycles 4 and 5 to be constructed with material from the maintenance dredging only. No dedicated dredging will be required.

14. Projected schedule: Construction of Cycles 4&5 is scheduled to meet the FY 2014 USACE Calcasieu River Ship Channel maintenance dredging event.

15. Preparer: Robert Dubois (FWS) 337-291-3127

Status Review - Unconstructed CWPPRA Projects
June 2014

1. Project Name (and number): Rockefeller Refuge Gulf Shoreline Stabilization (ME-18)

2. SOUP Category: On Schedule

3. PPL: 10 - Phase 1 was authorized in January 10, 2001

4. Federal Agency: NMFS

5. Date of Construction Approval / Phase Two Approval: NA

6. Approved Total Budget: $2,408,478

7. Fully Funded Estimate: $28,082,507

8. Expenditures: $1,336,223

9. Unexpended Funds: $1,072,255

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

11. Potential changes to project benefits: 327 net acres at year 20 (down from 920 net acres)

12. Brief chronology of project development and issues affecting implementation:

- January 2001 – Phase 1 Approval
- September 23, 2004 – 30% E&D review. Over 80 alternatives were considered based on their ability to meet project goals and objectives.
- February 17, 2005 – Task Force request for a change in scope to pursue the development of test sections approved. Four final alternatives were selected for consideration in a prototype test program at the Refuge that would help predict their potential for success if installed for the full 9.2-mile project.
- September 20, 2005 – 95% E&D review of four design alternatives.
- December 7, 2005 –NMFS/DNR sought Phase 2 funding for construction.
- December 5, 2006 – NMFS/DNR sought Phase 2 funding for construction.
- November 29, 2007 – The Coastal Impact Assistance Program (CIAP) adopted the project for construction.
- December 4, 2009 – CIAP completed construction on three shoreline protection test sections.
- August 30, 2011 – CIAP final monitoring report submitted.
- June 4, 2013 – Task Force approves project scope change from 9.2 miles to 2.0 miles.

13. Current status/remaining issues: After Task Force approval (June 2013), moving to complete Phase 1 of light-weight aggregate core foreshore breakwater feature.

14. Projected schedule and milestones: 30% Design Review Meeting held on May 15, 2014, 95% Design Review Meeting scheduled for September 29, 2014, Request Phase 2 by December 2014.

15. Preparer: John D. Foret, Ph.D., NOAA Fisheries Service, john.foret@noaa.gov

Revised June 2014 (JDF)

Status Review - Unconstructed CWPPRA Projects
June 23, 2014

1. Project Name (and number): Hydrologic Restoration and Vegetative Planting in the des Allemands Swamp (BA-34-2)

2. SOUP Category: On Schedule

3. PPL: 10

4. Federal Agency: EPA

5. Date of Construction Approval / Phase Two Approval: Anticipated January 2016

6. Approved Total Budget: $2,362,687

7. Fully Funded Cost Estimate: $8,263,731 (June 3, 2013)

8. Expenditures: $790,940

9. Unexpended Funds: $1,571,742

10. Estimate of anticipated funding increases, including O&M: None anticipated at this time.

11. Potential changes to project benefits: Project benefits are being reevaluated based on the approved request to re-scope the project from a combination of a small Mississippi River diversion, plus outfall management/hydrologic restoration, plus plantings, to a small hydrologic restoration project, plus plantings, only. Environmental benefits will decline, but so will costs. We expect costs to decline more dramatically than benefits, resulting in a more cost-effective project overall. A scope change for the project and the name of the project was requested and has been authorized by both the Technical Committee (April 2013) and the Task Force (June 2013). The project is now called the Hydrologic Restoration and Vegetative Planting in the des Allemands Swamp (BA-34-2)

12. Brief chronology of project development and issues affecting implementation: Additional modeling for the project is currently underway which incorporates new elevation survey data for the interior of the project area. Previous modeling and engineering judgment suggests that Dredge Boat Canal can only convey very small flows without expensive improvement. While even small flows would benefit this swamp, they would be very costly. For this reason, a scope change to focus on the hydrologic restoration/outfall management project features was requested and approved. We are confident that this approach will provide significant environmental benefits at minimal cost here, and this has been confirmed by an independent, expert swamp ecologist.

13. Current status/remaining issues: See above.

14. Projected schedule:

- Revised WVA: December 2012
- Revised Phase 0 Level Cost Estimate: December 2012
- Scope Change Request: April 2013
- 30% Design Review: December 2014
- 95% Design Review: March 2015
- Design Completion: May 2015
- Phase 2 Approval: January 2016
- Construction Start: May 2016

15. Preparer: Aaron Hoff (214-665-7319); hoff.aaron@epa.gov

Status Review - Unconstructed CWPPRA Projects
June 16, 2014

1. Project Name (and number): South Grand Chenier Marsh Creation (ME-20)

2. SOUP Category: On Schedule

3. PPL: 11

4. Federal Agency: USFWS

5. Date of Construction Approval / Phase Two Approval: January 2014

6. Approved Total Budget (Current): $22,282,940

7. Fully-Funded Cost: $22,623,346

8. Expenditures: $1,743,172

9. Unexpended Funds: $20,539,768 (from current budget)

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

11. Potential changes to project benefits: None.

12. Brief chronology of project development and issues affecting implementation:

1/2002	Phase I E & D Task Force approval
8/6/2009	Successful 30% Design Review Meeting
10/28/2009	Scope change to increase costs 33% to $27.9 M and remove Area A; approved by Task Force
11/3/2009	95% Design Review meeting
10/27/2010	Corps Section 404 Permit Issued
1-20-2010	Initial Phase II construction funding approval
5/16/2011	NEPA completed: Final EA and FONSI
1/2012	Returned construction funding due to landrights
11/26/2012	Scope/name change removed FW feature, reduced costs & benefits
9/2012	All landrights secured for the project
1/16/2014	Task Force Phase II Funding Approval

Issues affecting implementation: None.

13. Current status/remaining issues:

The project is on schedule for construction in May 2015.

14. Projected schedule:

9/2014	Revised Plans
10/2014	Permit Modification
1/2015	Construction Bid Advertisement
5/2015	Begin construction

15. Preparer: Darryl Clark, USFWS (337-291-3111)

dc 6-16-2014

Status Review - Unconstructed CWPPRA Projects
June 17, 2014

1. Project Name: Grand Lake Shoreline Protection (ME-21)

2. SOUP Category: On Schedule

3. PPL: 11

4. Federal Agency: NRCS

5. Date of Construction Approval / Phase Two Approval: Feb 2007

6. Approved Total Budget: $10,055,616

7. Fully Funded Cost Estimate: $10,055,616

8. Expenditures: $914,024.42

9. Unexpended Funds: $9,141,591.58

10. Estimate of anticipated funding increases, including O&M: Design completed. No funding increases anticipated.

11. Potential changes to project benefits: Design completed. No changes anticipated.

12. Brief chronology of project development and issues affecting implementation:

2007 – 2010 At the February 2007 Task Force meeting the Task Force (TF) took the initiative to approve the Grand Lake Project in segments. 90% of the project (37,000 lf) would be constructed under CIAP. The remaining segment of the project, Tebo Point, would be constructed under CWPPRA. The Task Force also took the initiative to approve the first 3 yrs of O&M for both of these segments. Using the Grand Lake Cost with Tebo Point included the TF broke the project up into the following:

$2,700,000 for the construction of Tebo Point
<u>$6,300,000 for the first three yr of O&M for both segments</u>
$9,000,000 total

2011 Task Force voted to transfer federal sponsor from USACE to NRCS. Currently USACE is providing all E&D to NRCS to determine what is needed to move to construction.

2012 NRCS has never received MIPR for project. USACE will not issue MIPR until 5% cash contribution from local sponsor is received.

2013 MIPR received in August 2012, alignment was surveyed in Fall 2012 to verify any changes in site since original project design. Geotechnical Investigation currently being performed on Tebo Point in areas not

covered by original investigation. Phase II request anticipated for Winter 2013.

2014 Design completed. Revised cost estimate indicates that construction could be completed with existing funds.

13. Current status/remaining issues:

Project design is complete. CPRA has not concurred with the decision to request construction approval. Project team decision pending.

14. Projected schedule:

Project design is complete. Scheduled to request construction approval at the Fall 2014 Task Force meeting.

15. Preparer: Travis Creel, USACE (504) 862-1071
Updated (6/23/2011): John Jurgensen, NRCS (318) 473-7694
Updated (7/10/2012): John Jurgensen, NRCS (318) 473-7694
Updated (6/21/2013): John Jurgensen, NRCS (318) 473-7694
Updated (6/17/2014): John Jurgensen, NRCS (318) 473-7694

Status Review - Unconstructed CWPPRA Projects
June 16, 2014

1. Project Name (and number): South Lake Lery Shoreline and Marsh Restoration (BS-16)

2. SOUP Category: On Schedule

3. PPL: 17

4. Federal Agency: USFWS

5. Date of Construction Approval / Phase Two Approval: January 19, 2012

6. Approved Total Budget: $32,238,260

7. Fully-Funded Cost: $32,466,987

8. Expenditures: $1,875,113

9. Unexpended Funds: $30,363,147

10. Estimate of anticipated funding increases, including O&M: Unknown at this time.

11. Potential changes to project benefits: None

12. Brief chronology of project development and issues affecting implementation:

10/25/2007	Phase I E & D Task Force Approval.
10/27/2010	Successful 30% Design Review Meeting.
06/08/2011	Scope Change to Decrease Benefits (Removal of Diversion Feature/Inclusion of Cell 6 Marsh Creation).
11/15/2011	Successful 95% Design Review Meeting.
01/06/2012	Scope Change to Decrease Funding.
01/19/2012	Task Force Phase II Construction Approval.
07/2012	Section 404 Permit received from the Corps.
05/2013	Final landrights secured.
04/2014	Bid Award Retracted
06/2014	Bid Re-advertisement

13. Current status/remaining issues:
No issues remain. The project should be under construction in late 2014.

14. Projected schedule:

07/24/2014	Close Bids
10/2014	Award Bid
11/2014	Notice to Proceed

11/2015 Construction complete

14. Preparer: Robert Dubois, USFWS (337-291-3127)

Status Review - Unconstructed CWPPRA Projects
June 17, 2014

1. **Project Name (and number):** West Pointe a la Hache Marsh Creation (BA-47)

2. **SOUP Category:** On Schedule

3. **PPL:** 17

4. **Federal Agency:** NRCS

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

6. **Approved Total Budget:** $1,620,740

7. **Fully Funded Cost Estimate:** $16,136,639

8. **Expenditures:** $552,459.99

9. **Unexpended Funds:** $1,068,280.01

10. **Estimate of anticipated funding increases, including O&M:** N/A at this time

11. **Potential changes to project benefits:** None at this time.

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

2007	Approved
May 2008	Kick-off Meeting
November 2008	Kick-off Field Trip
2009-May 2012	Obtain access/entry permissions from landowners & pipeline company - affected by resolution of the Jefferson Canal acquisition, and review & approval of negotiated permission language by OGC.
May 2012	Engineering task – Survey of project fill area & healthy marsh sites completed.
August 2012	Magnetometer survey completed.
2012 – 2013	Project design halted pending decision to combine project with BA-42 Lake Hermitage project currently under construction.
2014	Project design halted pending construction of BA-42 Lake Hermitage project. If BA-42 successfully constructs sites 7 and 9, then BA-47 will be deauthorized and Phase I funds will be returned to the program. If BA-42 is halted prior to completion of the BA-47 area, then E&D will resume for remaining cells.

13. **Current status/remaining issues:** NRCS final design pending decision to combine project with existing CWPPRA Project currently under construction.

14. **Projected schedule:** If design is resumed in Fall 2014 anticipated Phase II request is Winter 2016 Task Force Meeting.

15. **Preparer:** Cindy Steyer, NRCS, (225) 389-0334 (5/17/12)
Review/Concurrence (5/18/12): William Feazel, OCPR, (225) 342-4641
Updated (7/10/12): John Jurgensen, NRCS, (318) 473-7694
Updated (7/30/12): John Jurgensen, NRCS, (318) 473-7694
Updated (6/21/13): John Jurgensen, NRCS, (318) 473-7694
Updated (6/17/14): John Jurgensen, NRCS, (318) 473-7694

NRCS Project Plan of Work and Milestones
June 17, 2014

1. Project Name: Cameron Creole Freshwater Introduction (CS-49)

2. SOUP Category: On Schedule

3. PPL: 18

4. Federal Agency: NRCS

5. Date of Construction Approval / Phase Two Approval: Jan. 2010 (planting phase only)

6. Approved Total Budget: $2,696,928

7. Fully Funded Cost Estimate: $16,640,120

8. Expenditures: $1,434,830.86

9. Unexpended Funds: $1,105,199.14

10. Potential changes to project benefits: none

11. Brief chronology of project development and issues affecting implementation:

2009 – 2014 The project was approved for Phase I funding at the January 2009 Task Force meeting. NRCS initially modeled the freshwater introduction using a spreadsheet model. Concerns about the spreadsheet model prompted discussion of using the Chenier Plain Model developed by Ehab Meselhe under the Southwest Study project to also model the project. NRCS and CPRA agreed to run that model in February 2012. Results from the Chenier Plain Model have been provided. An additional model run with channel improvements to the Montesano Canal is being conducted and results are expected in July 2014.

2014 The 30 percent design meeting is anticipated in November 2014, and the 95 percent design meetings will be conducted in early 2015.

12. Current milestones/remaining issues:

No remaining issues. A 30% meeting is anticipated for November 2014.

13. Preparer: Updated (6/17/14): Troy Mallach, NRCS, (337) 291-3064, John Jurgensen, NRCS, (318) 473-7694

NRCS Project Plan of Work and Milestones
June 17, 2014

1. Project Name: Freshwater Bayou Marsh Creation (ME-31)

2. SOUP Category: On Schedule

3**. PPL: 19**

4. Federal Agency: NRCS

5. Date of Construction Approval / Phase Two Approval:

6. Approved Total Budget: $2,425,997

7. Fully Funded Cost Estimate: $25,523,755

8. Expenditures: $926,933.21

9. Unexpended Funds: $1,499,063.79

10. Estimate of anticipated funding increase, including O&M: No funding increases anticipated.

11. Potential changes to project benefits: None.

12. Brief chronology of project development and issues affecting implementation:

2010– 2014 The project was approved for Phase I funding at the January 2010 Task Force meeting. NRCS has completed initial surveys, but geotechnical investigation of the project area and borrow site have not been completed. Additionally, a wave analysis model will be completed once the borrow site is finalized. NRCS and ExxonMobile (landowner) are investigating contaminant testing protocol to ensure that borrow material is safe to use for marsh creation. That protocol was accepted on April 28th, 2014 and implementation of testing is expected to begin this summer/fall.

12. Current milestones/remaining issues:

No pending issues, 30% meeting anticipated for May 2015.

13. Preparer: Updated (6/17/14): Troy Mallach, NRCS, (337) 291-3064, John Jurgensen, NRCS, (318) 473-7694

Status Review - Unconstructed CWPPRA Projects
Jun 17, 2014

1. **Project Name (and number):** LaBranche East Project (PO-75)

2. **SOUP Category:** On Schedule

3. **PPL:** 19

4. **Federal Agency:** NRCS

5. **Date of Construction Approval / Phase Two Approval:** n/a

6. **Approved Total Budget:** $2,571,273

7. **Fully Funded Cost Estimate:** $32,323.291

8. **Expenditures:** $2,081,719.09

9. **Unexpended Funds:** $489,553.91

10. **Estimate of anticipated funding increases, including O&M:** None at this time.

11. **Potential changes to project benefits:** None at this time.

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

2010	Approved (Phase I)
2010 – 2011	Planning and Design began in August 2010 after CSA signed. Geotechnical Investigation of Marsh Creation Areas completed in January 2011. Results indicated areas with high organic content resulting in decision to analyze various methods of containment and dredge material placement to verify the proposed design.
2012	A pilot study was developed to analyze design alternatives. Permit for pilot study was drafted and submitted.
2013	USACE issued permit for pilot study. Work began on June 1, 2013.
2014	Pilot Study completed in April 2014. Project Team will monitor results through August 2014 and develop report with findings and recommend preferred alternative for design.

13. **Current status/remaining issues:** Pilot Study complete. Monitoring of results will continue until August 2014. Planning and Design of preferred alternative will proceed upon decision in August 2014. Current schedule for Phase II approval is Winter 2016 Task Force Meeting.

14. **Projected schedule:** Pilot Study results will be released August 2014. Design of preferred alternative will begin in September 2014 and be completed by Winter 2016.

15. **Preparer:** Updated (6/18/14): John Jurgensen, NRCS (318) 473-7694

Status Review - Unconstructed CWPPRA Projects
June 2014

1. Project Name (and number): Madison Bay Marsh Creation and Terracing (TE-51)

2. SOUP Category: Waiting on Phase 2

3. PPL: 16

4. Federal Agency: NMFS

5. Date of Construction Approval / Phase Two Approval: NA

6. Approved Total Budget: $3,002,171

7. Fully Funded Estimate: $38,798,788

8. Expenditures: $1,441, 322

9. Unexpended Funds: $1,560,849

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

11. Potential changes to project benefits: NA

12. Brief chronology of project development and issues affecting implementation:

- October 2006 – Phase 1 Approval
- March 7, 2007 – Project Kick off meeting.
- October 2008 – Landowner meeting (Oyster lease coordination initiated)
- April 2009 – Survey and Geotechnical Investigations initiated.
- January 2010 – Survey, magnetometer survey, and landrights results began discussion of project boundary shift.
- May 2010 – Field investigation conducted to evaluate alternative project locations.
- April 2011 –Technical Committee presentation to request permission to expend project funds outside of the approved project area for geotechnical investigation of an alternative project site.
- November 19, 2011 – Geotechnical report delivered, results show Wonder Lake area most appropriate for construction consideration.
- April 19, 2012 – Technical Committee approves project scope change; i.e. 32% reduction in constructed acres, 29% reduction in TY20 acres, and 19% increase to the Full-Funded costs; and approved the relocation of the project boundary to the Wonder Lake area.
- June 5, 2012 – Task Force approved Technical Committee recommendation.
- July 23, 2013 – 30% Design Review Meeting
- October 24, 2013 – 95% Design Review Meeting
- December 12, 2013 – Phase 2 Request

13. Current status/remaining issues: Additional geo-tech (CPT) along proposed containment dikes are currently being collected, with a final report due to team by August 15.

14. Projected schedule and milestones: Updating cost estimate for submission by October 24 for Economic WG review and aiming for second Phase 2 request in December 2014.

Preparer: John D. Foret, Ph.D., NOAA Fisheries Service, john.foret@noaa.gov
Revised June 2014 (JDF)

Status Review - Unconstructed CWPPRA Projects
June 2014

1. Project Name (and number): Chenier Ronquille Barrier Island Restoration (BA-76)

2. SOUP Category: Waiting on Phase 2

3. PPL: 19

4. Federal Agency: NMFS

5. Date of Construction Approval / Phase Two Approval: January 19, 2012

6. Approved Total Budget: $3,419,263

7. Fully Funded Estimate: $40,409,022

8. Expenditures: $1,109,616

9. Unexpended Funds: $2,309,647

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

11. Potential changes to project benefits: NA

12. Brief chronology of project development and issues affecting implementation:

- January 20, 2010 – Phase 1 Approval.
- May 5, 2011 – 30% E&D review
- October 13, 2011 – 95% E&D review
- January 19, 2012 and January 24, 2013 – Phase 2 request unsuccessful
- CPRA indicated that project was identified as part of the priorities for DWH NRDA Early Restoration in December 2010/January 2011. Project is awaiting funding through the NRDA process when the stipulation agreement between trustees and the responsible party becomes finalized. Until such time, the project remains as a phase 1 CWPPRA project in case that doesn't happen.

13. Current status/remaining issues: Awaiting signing of stipulation agreement and then transfer/deauthorize.

14. Projected schedule and milestones:

- September 2014: estimate of when stipulation agreement could be resolved

15. Preparer: Cecelia Linder, NOAA Fisheries, (301) 427-8675, cecelia.linder@noaa.gov

Status Review - Unconstructed CWPPRA Projects
June 17, 2014

1. **Project Name (and number):** West Pointe a la Hache Outfall Management (BA-4c)

2. **SOUP Category:** Project Delayed by Project Delivery Team Issues

3. **PPL:** 3

4. **Federal Agency:** NRCS

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

6. **Approved Total Budget:** $5,370,526

7. **Fully Funded Cost Estimate:** $5,370,526

8. **Expenditures:** $999,010

9. **Unexpended Funds:** $3,270,285

10. **Estimate of anticipated funding increases, including O&M:** None

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

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

1993	Approved
1993 - 2000	Various planning and engineering tasks; increased construction budget from $400K to about $2M; DNR concerned about benefits
2000 - 2004	Hydrodynamic Model predicted that siphon operation (more so than proposed outfall mgt) creates favorable conditions in project area. DNR and NRCS desire to pursue modifications to siphon to improve / extend ability to operate siphon.
2005 - 2006	DNR "working with" Plaquemines Parish Government to establish a cooperative agreement regarding siphon operation, so as to ensure long term operation prior to designing siphon improvements.
Jan 2007	DNR/PPG siphon operations agreement executed
Oct 2007	EnvWG approved the use of the original project boundary for the proposed scope change.
Feb 2008	NRCS revised and DNR reviewed and concurred with submittal of draft WVA to EnvWG
April 2008	Revised WVA and preliminary engineering cost estimates approved by EnvWG and EngrWG.
January 2009	Scope Change approved by Task Force, revised design began.

2009 – 2011	Survey and geotechnical analysis completed. OCPR had delays due to dispute with contractor. Project design halted at 30% review phase pending dispute resolution.
2012	CPRA contractor resumed work on design.
2013	CPRA requested extension of design to be completed in August 2013. A 30% review meeting was held on October 3, 2012.
2014	CPRA decision pending regarding the status of design.

13. Current status/remaining issues: CPRA decision pending regarding the status of engineering and design firm to complete the plans and specifications.

14. Projected schedule: Phase II request anticipated for Spring 2105.

15. Preparer: Cindy Steyer, NRCS, (225) 389-0334 (10/23/09)
Review/Concurrence (10/23/09): William Feazel, OCPR, (225) 342-4641
Updated (6/21/10): John Jurgensen, NRCS, (318) 473-7694
Updated (6/22/11): John Jurgensen, NRCS, (318) 473-7694
Updated (7/10/12): John Jurgensen, NRCS, (318) 473-7694
Updated (7/30/12): John Jurgensen, NRCS, (318) 473-7694
Updated (6/21/13): John Jurgensen, NRCS, (318) 473-7694
Updated (6/17/14): Cindy Steyer, NRCS, (225) 389-0334, John Jurgensen, NRCS, (318) 473-7694

Status Review - Unconstructed CWPPRA Projects
June 16, 2014

1. Project Name (and number): North Lake Boudreaux Basin Freshwater Intro. (TE-32a)

2. SOUP Category: Project Issue Delays

3. PPL: 6

4. Federal Agency: USFWS

5. Date of Construction Approval / Phase Two Approval: October 2010

6. Approved Total Budget: $20,048,152

7. Fully-Funded Cost: $25,766,765

8. Expenditures: $3,107,783

9. Unexpended Funds: $16,940,369

10. Estimate of anticipated funding increases, including O&M: none anticipated

11. Potential changes to project benefits: none anticipated

12. Brief chronology of project development and issues affecting implementation:

- Jun 2007 – all landrights obtained for construction of the conveyance channel
- Aug 2009 – 30% design meeting conducted
- Jun 2010 – 95% design meeting conducted
- Oct 2010 – Task Force approved Phase II request
- April 2011 – Corps stated that fiscal law issue resolved
- Aug 2012 – Applied for DNR/Corps permits
- Nov 2012 – Received a Coastal Zone Consistency determination from the LDNR

13. Current status/remaining issues: Section10/404 permits have not yet been issued. Comments to plans, specifications and land rights survey plats have been returned to design firm. CPRA Land Rights Section is negotiating agreements with land owners, but will not enter into binding agreements until final survey plats are available. An EA will be submitted for review/comment after Section 10/404 permit has been issued.

14. Projected schedule:

DNR/Corps Permit issuance	- Aug 2014
Receipt of final design documents	- Aug 2014
Land Rights Complete	- Jan 2016
Bid Advertisement	- Jan 2016
Construction start	- Apr 2016

Construction completion - May 2017

15. Preparer: Ronny Paille USFWS (337-291-3117) Ronald_Paille@FWS.GOV

Status Review - Unconstructed CWPPRA Projects
June 17, 2014

1. **Project Name (and number):** Central Terrebonne Freshwater Enhancement Project (TE-66)

2. **SOUP Category:** Project Delayed by Project Team Delivery Issues

3. **PPL:** 18

4. **Federal Agency:** NRCS

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

6. **Approved Total Budget:** $2,326,289

7. **Fully Funded Cost Estimate:** $16,640,120

8. **Expenditures:** $1,100,749

9. **Unexpended Funds:** $1,255,540

10. **Estimate of anticipated funding increases, including O&M:** N/A at this time

11. **Potential changes to project benefits:** N/A at this time

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

2009	Approved (Phase I)
2010	Initiation of hydrodynamic model
2011	Hydrodynamic model surveys and monitoring
2012	Hydrodyamic model calibration and initial scenarios
2013	Hydrodynamic model draft report (March 2013) and design scenario model runs. Initiation of Design/Geotechnical/Surveys
2014	Modeling Phase completed. Design Phase was scheduled to begin but CPRA halted all work on project pending decision to move project to a state only project under a different program. Project Team decision is pending.

13. **Current status/remaining issues:** Project is delayed until CPRA decision of whether to deauthorize and pursue under a different program. Project Team is developing revised cost and benefits post-modeling in order for team to make decision.

14. **Projected schedule:** If CPRA concurs with continuing project, anticipated Phase II request is Winter 2016 Task Force Meeting.

15. **Preparer:** Updated (4/3/13): Ron Boustany, NRCS, (337) 291-3067
Updated (6/21/13): John Jurgensen, NRCS (318) 473-7694
Updated (6/17/14): John Jurgensen, NRCS, (318) 473-7694

Status Review - Unconstructed CWPPRA Projects
June 16, 2014

1. Project Name (and number): Lost Lake Marsh Creation and Hydrologic Restoration (TE-72)

2. SOUP Category: Project Issue Delays

3. PPL: 19

4. Federal Agency: USFWS

5. Date of Construction Approval / Phase Two Approval: January 2013

6. Approved Total Budget: $34,626,728

7. Fully-Funded Cost: $34,626,728

8. Expenditures: $765,116

9. Unexpended Funds: $33,861,612

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

11. Potential changes to project benefits: None.

12. Brief chronology of project development and issues affecting implementation:

January 2013	Phase II Approval
February 2014	Section 404 permit granted
February 2014	CPRA and ConocoPhillips discuss landrights issues regarding carbon credits
March-May 2014	ConocoPhillips provided CPRA with draft landrights language; currently under CPRA review

Issues affecting implementation: Landrights language regarding carbon credits

13. Current status/remaining issues:
According to CPRA project management, CPRA provided comments and revised landrights language to ConocoPhillips in June 2014. No further information has been provided.

14. Projected schedule:

October 2014	Bid advertisement

15. Preparer: Kevin Roy, USFWS (337-291-3120) Kevin_Roy@fws.gov

Status Review - Unconstructed CWPPRA Projects
June 20, 2014

1. Project Name (and number): Southwest Louisiana Gulf Shoreline Nourishment & Protection (ME-24)

2. SOUP Category: Recommended for Deauthorization

3. PPL: 16

4. Federal Agency: COE

5. Date of Construction Approval / Phase Two Approval: TBD (scheduled 20 Jan 17)

6. Approved Total Budget: $1,266,842

7. Fully Funded Cost Estimate: $36,922,487 (Phase 1 Approval: 18 Oct 06)

8. Expenditures: $ 10,155

9. Unexpended Funds (Total) : $1,256,687)

10. Estimate of anticipated funding increases, including O&M: TBD; dredging costs have probably increased since original estimates prepared.

11. Potential changes to project benefits: None anticipated.

12. Brief chronology of project development and issues affecting implementation:

- Phase 1 approved January '06 & project delivery team assembled
- Kickoff meeting and site visit will be planned once cost share agreement can be negotiated with the state (Coastal Protection and Restoration Authority -" CPRA")

13. Current status/remaining issues: Need a cost share agreement signed with CPRA as of June, 2014.

14. Projected schedule (if CPRA concurs & cost share agreement signed today):

- 9 Mar 2016 - Announce 30% Design Review
- 27 Apr 2016 - Submit Final Design Report to CPRA
- 03 Jun 2016 - Announce 95% Review

15. Preparer: Susan M. Hennington, USACE-MVN, (504) 862-2504

Status Review - Unconstructed CWPPRA Projects
Jun 17, 2014

1. **Project Name (and number):** Alligator Bend Shoreline Protection Project (PO-34)

2. **SOUP Category:** Inactive

3. **PPL:** 16

4. **Federal Agency:** NRCS

5. **Date of Construction Approval / Phase Two Approval:** n/a

6. **Approved Total Budget:** $1,660,985

7. **Fully Funded Cost Estimate:** $44,832,616

8. **Expenditures:** $1,360,734.60

9. **Unexpended Funds:** $300,250.40

10. **Estimate of anticipated funding increases, including O&M:** Design complete. No further changes anticipated.

11. **Potential changes to project benefits:** Design complete. No further changes anticipated.

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

2006	Approved (Phase I)
2006 - 2008	USACE and OCPR unable to sign Cost Share Agreement
2008	Project transferred from USACE to NRCS as federal sponsor, Scope changed from marsh creation to shoreline protection.
2008 – 2010	Planning and Design
2010	Additional geotechnical analysis performed due to failure of Lake Borgne project south of this location. Information used to finalize PO-34 design.
2011	Preliminary design complete, pending Phase II approval.
2012	Project was not approved for Phase II; will re-compete for funding in January 2013.
2013	Project was not approved for Phase II; will re-compete for funding in January 2014.
2014	Project sponsors agreed to move project to inactive status until CWPPRA is reauthorized or another funding source is available.

13. **Current status/remaining issues:** Design completed. Project inactive until funding for construction.

14. **Projected schedule:** N/A

15. **Preparer:** John Jurgensen, NRCS (318) 473-7694 (6/23/2011)

Updated (6/22/11): John Jurgensen, NRCS, (318) 473-7694
Updated (6/21/13): John Jurgensen, NRCS, (318) 473-7694
Updated (6/17/14): John Jurgensen, NRCS, (318) 473-7694

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

CWPPRA STANDARD OPERATING PROCEDURES (SOP) UPDATE

For Decision:

In January 2014, the P&E Subcommittee started an intensive clean-up and update of the CWPPRA SOP.

Technical Committee Recommendation:

The Task Force will consider the Technical Committee's recommendation to approve the requested changes.

Additional edit requested after Tech Comm vote to recommend SOP edits for Task Force approval is noted in track changes below.

h. FINAL ENGINEERING AND DESIGN

(1) 95% Design Review: A 95% Design Review Conference shall be held by project sponsors at least four weeks prior to the winter TC meeting at which Phase 2 funds will be requested. As part of the 95% Design Review Conference, the project sponsors will provide a Final Design Report.

The other agencies shall be notified by the project sponsors at least four weeks prior to the conference of the date, time and place, and invited to attend. The project sponsors shall provide the Final Design Report, project plans, and all supporting information (e.g., surveys, geotechnical analysis, modeling reports, etc.) utilized in design of the project to other agencies for their review and comment at least two weeks prior to design review conference. Invitations and supporting data shall be sent to agency representatives of the TC and P&E.

Final Design means all analysis has been completed for the preferred alternative. Project plans and specifications have been developed and reviewed by the project team, and the project is ready to request funding for construction. All design documentation shall be provided at the Final Design meeting (95% review).

The Final Design Report shall include 1) a revised ~~project~~ construction cost estimate ~~(fully funded, approved by the EcoWG)~~; ~~2) a Wetland Value Assessment (WVA), reviewed/approved by the EnvWG); 3~~2) a draft OMRR&R Plan and associated budget (named the Project Operations and Schedule Manual when referring to Corps); and a draft Monitoring Plan, if applicable. A draft updated Wetland Value Assessment (WVA) should be provided for concurrent review with the Final Design Report materials (two weeks prior to design review conference). The Final Design Report shall include all supporting data, along with a description of how the project differs in cost, features, and environmental benefits from the project approved during Phase 0. It should also include a response to the comments brought up at the 30% Design Review Conference.

After the conference, a letter of concurrence from the local sponsor indicating their willingness to continue with the project shall be sent to the TC and the P&E.

(2) Changes in Project Scope: Changes in projects cope will be addressed as stated in Section 6.e(3).

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT (CWPPRA)

STANDARD OPERATING PROCEDURES

Revision 24

August 2014

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COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT (CWPPRA)

STANDARD OPERATING PROCEDURES

1. APPLICABILITY

This manual is applicable to all CWPPRA agencies and the local sponsor in the management of CWPPRA projects. These standard procedures shall not supersede nor invalidate any rules or regulations internal to any agency.

2. REFERENCES

a. Pub. L. 101-646, Coastal Wetlands Planning, Protection and Restoration Act, hereinafter referred to as the "CWPPRA."

b. Pub. L. 91-646, Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended by Title IV of Pub. L. 100-1 7, the Surface Transportation and Uniform Relocation Assistance Act of 1987.

3. PURPOSE

The purpose of the SOP is to establish standard procedures in the management of CWPPRA projects. The procedures cite herein are not inclusive of all activities in the CWPPRA program; rather, provide guidelines for collaboration/coordination between the agencies for recurring activities. The procedures cited herein are to be used as general guidelines for coordination and are not meant to limit the Task Force's ability to make decisions regarding the most effective and efficient use of resources to accomplish the goals of CWPPRA.

4. DEFINITIONS

The definitions in Section 302 of CWPPRA are incorporated herein by reference.

a. The term "Agencies" shall mean the agencies listed in CWPPRA that makeup the Louisiana Coastal Wetlands Conservation and Restoration Task Force, and the Louisiana Coastal Protection and Restoration Authority (CPRA).

b. The term "Federal Sponsor" shall mean the federal agency assigned to a CWPPRA project with the responsibility to manage the implementation of the project.

c. The term "Local Sponsor" shall mean the State of Louisiana as represented by the Louisiana CPRA unless otherwise specified.

d. The term "Technical Committee" shall mean the committee established by the Task Force to provide advice on biological, engineering, environmental, ecological, and other technical issues.

e. The term "Planning and Evaluation Subcommittee" shall mean the working level committee established by the Technical Committee to form and oversee special technical workgroups to assist in developing policies and processes, and recommend procedures for formulating plans and projects to accomplish the goals and mandates of CWPPRA.

f. The term "Priority Project List (PPL)" shall mean the annual list of projects submitted by the Task Force to Congress in accordance with Section 303(a) of CWPPRA.

g. The term "total project cost" shall mean all federal and non-federal costs directly related to the implementation of the project, which may include but are not limited to engineering and design costs; lands, easements, servitudes, and rights-of-way costs; project construction costs; construction management costs; relocation costs; pre-construction, construction, and post-construction monitoring costs; operation, maintenance, repair, replacement, and rehabilitation (OMRR&R) costs; supervision and administration costs (including training, equipment, and supplies); environmental compliance [cultural resources, National Environmental Policy Act (NEPA), and Hazardous, Toxic and Radioactive Waste (HTRW)]; and other costs as otherwise provided for in the cost sharing agreement.

h. The term "total project expenditures" shall mean the sum of all federal expenditures for the project and all non-federal expenditures for which the federal sponsor has granted credit.

i. The term "Cost Sharing Agreement" shall mean any agency agreement entered into by the federal sponsor and the local sponsor for engineering and design, real estate activities, construction, monitoring, and OMRR&R of a project in accordance with Section 303(f) of CWPPRA.

j. The term "life of the project" shall mean 20 years from completion of construction of the project or functional portion of the project, unless otherwise stated in the cost sharing agreement for the project.

k. The term "project funding categories" shall mean the six distinct project-funding areas:
   1. Engineering and Design (E&D)
   2. Real Estate
   3. Construction
   4. Monitoring
   5. OMRR&R
   6. Corps of Engineers (COE) Program Management Costs

   For cash flow management projects (see Section 4.q), the Real Estate and Monitoring project funding categories will be further sub-categorized as Phase 1 and Phase 2. E&D will be categorized as Phase 1 only while Construction and OMRR&R will be categorized as Phase 2 only.

l. The term “escrow account” shall mean the bank account established by the local sponsor in accordance with the CWPPRA escrow agreement executed between the COE, the local sponsor, and the financial institution selected by the local sponsor to act as custodian for the escrow account.

m. The term “overgrazing” shall mean allowing cattle and other grazing animals to forage within the project lands; easements or rights-of-way to the detriment of the wetlands.

n. The term “State fiscal year” shall mean one fiscal year of the State of Louisiana, beginning July 1 and ending June 30 of the following calendar year.

o. The term “federal fiscal year” shall mean one fiscal year of the government, beginning October 1 and ending September 30 of the following calendar year.

p. The term “Conservation Plan” shall mean the Coastal Wetlands Conservation Plan prepared by the State of Louisiana in accordance with Section 304 of CWPPRA.

q. The term “cash flow managed projects” shall mean those projects that are approved and funded in two phases during the winter Task Force meeting. Phase 1 will generally include those pre-construction activities as defined in Section 4.r and Phase 2 will generally include those activities approved by the Task Force as defined in Section 4.s. While the two phases will be fully funded when approved by the Task Force, long term Phase 2 OMRR&R and post-construction monitoring funds will only be made available on a yearly basis (to be approved at fall budgeting meetings) in three year increments. Cash flow managed projects are generally those projects approved on PPLs 9 and later, and also for all projects that receive O&M cost increase requests (beyond the approved 20-year estimate) in accordance with Section 6.n(2).

r. The term “Phase 1” shall include, but not be limited to, engineering and design activities including data collection, environmental compliance (cultural resources, NEPA, HTRW) and permitting, project management, oyster lease survey and evaluation, and real estate requirement up to, but not including, the purchase of real estate. Phase 1 activities also include assessment of environmental benefits, pre-construction monitoring, monitoring plan development, and engineering and design, and draft OMRR&R plan development (named the Projects Operations and Schedule Manual when referring to COE projects).

s. The term “Phase 2” shall mean construction (including project management, contract management, and construction supervision & inspection), post-construction monitoring (to include construction phase biological monitoring), OMRR&R, and the purchase of real estate.

t. The term “October and January budgeting meetings” shall mean the budget meetings at which the Task Force approves OMRR&R, monitoring, design, and construction funding for the program. The following will be considered at the October budgeting meeting: OMRR&R, monitoring, and COE administrative cost approvals. PPL Phase 1 and 2 approvals will be considered at the January budgeting meeting.

5. GENERAL

a. RESPONSIBILITIES

(1) Federal Sponsor:

(a) Assure that funds spend on a project are spent in accordance with the project's cost sharing agreement and CWPPRA.

(b) Perform any audits of the local sponsor's credits for the project as required by the project's cost sharing agreement and the individual agency's regulations.

(c) No later than September 30 of each year, the federal sponsor shall provide the local sponsor with an annual statement of prior State fiscal year expenditures in a format agreeable to the local and federal sponsor.

(d) As necessary, federal sponsors will review funds with each approved project under their purview to approve work-in-kind credits and determine whether funds may be returned to the Task Force. Funds may be returned to the Task Force by the simple deobligation process covered in Section 6.q. Federal sponsors should provide the status of potential obligations in the Remarks section of the program summary database.

(2) Local Sponsor:

(a) Provide the necessary funds as required by the project's cost sharing agreement and Pub. L. 101-646.

(b) Perform any work-in-kind required by the cost sharing agreement.

(c) Furnish the federal sponsor with the documentation required to support any work-in-kind credit requests.

(d) Unless otherwise specified, all correspondence to the local sponsor shall be addressed to:

State of Louisiana
Office of Coastal Protection and Restoration
P.O. Box 44027
Baton Rouge, LA 70804-4027

(3) COE (as funds administrator):

(a) For the purposes of funds control, and at the request of the Task Force, the COE will act as bookkeeper, administrator, and disbursers of all federal and non-federal funds. All correspondence from the agencies and the local sponsor to the COE

regarding funding requests and the status of funding requests shall be sent by e-mail to the CWPPRA Program Analyst or addressed to:

U.S. Army Corps of Engineers
ATTN: CEMVN-PM-BC
P.O. Box 60267
New Orleans, LA 70160-0267

(b) Use COE financial accounting procedures.

(c) Manage the funds for the project.

(d) Disburse project funds as requested by the federal sponsor.

(e) Regularly report to the agencies and the local sponsor on the status of the project accounts.

(f) Within 90 days of receipt of the local sponsor's annual work-in-kind credits, and upon request of the federal sponsor, the COE will provide a report on project expenditures for the last State fiscal year to the federal sponsor.

(g) Provide program management duties, e.g. PPL reports, minutes of meetings, distribution of planning documents, etc.

b. COST SHARING

(1) Pre-State Conservation Plan: As provided in Section 303(f) of CWPPRA, prior to the approval of the State Conservation Plan, the federal share of the total project cost was 75% and the non-federal share of the total project cost was 25%.

(2) Post-State Conservation Plan:

(a) General: As provided for the Louisiana Coastal Wetlands Conservation Plan, effective December 1, 1997, cost sharing was revised for unexpended funds from 75% federal and 25% non-federal to 85% federal and 15% non-federal for all future Priority List projects and Priority Lists 1 through 4 projects. For Priority Lists 5 and 6 projects, cost sharing was revised from 75% federal and 25% non-federal to 90% federal and 10% non-federal.

(b) Definitions[1]: The term "total project expenditures," as stated in Section 4.h, shall mean the sum of all federal expenditures for the project all non-federal expenditures for which the federal sponsor has granted credit. Expenditure is a disbursement of funds for charges incurred for goods and services.

[1] At the December 16, 1997 Joint Meeting of the P&E Subcommittee and the Technical Committee the term "expenditure" was further clarified as being on a cash basis. For example, work-in-kind (WIK) and costs paid would be considered expenditures. However, costs submitted would not be considered an expenditure.

(c) Implementation: All expenditures that were incurred through November 30, 1997 (invoices that were submitted to CEMVN-PM-BC and all funds disbursed by check), will be considered part of the original cost sharing percentages. These expenditures will be subtracted from the approved current estimates and cost shared at 75% federal and 25% non-federal. The remaining funds expended beginning December 1, 1997 will be considered part of the revised cost sharing provisions.

(d) Cost Sharing Agreements: Future cost sharing agreements will reflect the new cost sharing percentages and existing cost sharing agreements will be amended to reflect the new cost sharing percentages.

(e) Database: As stated in Section 5.a(1)(a), the COE will act as bookkeeper, administrator, and disburser of all federal and non-federal funds. A database is in place to record all estimates, obligations, and expenditures. Federal sponsors will keep the COE informed of current approved project estimates and schedules in order to have the latest information in the database.

c. MANAGEMENT OF FUNDS

(1) Escrow Agreement:

(a) There will be only one escrow account established for all CWPPRA projects. The COE, the local sponsor, and the financial institution chosen by the local sponsor shall execute the basic escrow account agreement in a form agreeable to all parties.

(b) Within the one escrow account, the COE shall maintain separate financial sub-accounts, one for each project covered by the escrow agreement, and allocates project funds only to the extent that funds are available in the project sub-account. Non-government escrow shall be in the project sub-accounts.

(c) Upon execution of the escrow agreement, and in accordance with the cost sharing agreement, the local sponsor shall deposit in the escrow account established for the CWPPRA projects, or send a check addressed to the COE, with an amount equal to the difference between 25% (15% after the Conservation Plan is approved except 5th and 6th PPL projects for which the percentage is 10%) of the total project expenditures to date and the amount of expenditures by the local sponsor for which the federal sponsor has granted credit. In addition, the local sponsor shall also deposit 25% (15% after the Conservation Plan is approved except 5th and 6th PPL projects for which the percentage is 10%) of the estimated total project costs for the remainder of the State fiscal year less any anticipated expenditures by the local sponsor.

(d) In accordance with Section 303(f)(3) of CWPPRA, the local sponsor shall provide a minimum of 5% of the total project cost in cash. In order to properly account for these funds, the local sponsor shall deposit into the escrow account or send a check addressed to the COE for at least 5% of the estimated expenditures.

(2) Work-in-Kind: Credit for work-in-kind or other activities performed by the local sponsor will be granted as follows:

(a) By September 1 of each year the local sponsor shall submit to the federal sponsor a statement of expenditures in a format agreeable to the federal sponsor. This task is required at least once a year, but may be completed twice a year, if the federal sponsor prefers. It is the federal sponsor's responsibility to assure that the amount of credit given is in accordance with the cost sharing agreement and applicable regulations and, if required, audits are performed.

(b) After review and approval, but no later than 90 days after receipt of the statement of expenditures from the local sponsor, the federal sponsor shall forward to the Corps of Engineers, New Orleans District, ATTN: CEMVN-PM-BC, with copy to the local sponsor, a request that credit be given to the local sponsor for the work performed. This statement shall indicate the amount of credit to be granted to the local sponsor, by project funding category, and the period covered.

(c) The COE will give credit to the local sponsor on the project in the amount stated and inform both the local sponsor and the federal sponsor of the current status of funding and cost sharing for the project.

(3) Funding Adjustments: Whenever the COE determine that:

(a) The local sponsor's share of the project cost to date, including cash and credits granted under Section 5.c(2)(c), is less than the required 25% (15% after the Conservation Plan is approved, except 5th and 6th PPL projects for which the percentage is 10%) of the total project cost to date; and/or

(b) The local sponsor has paid in cash less than the required 5% of the total project cost to date; and

(c) Insufficient funds for the project are on deposit in the escrow account to cover the deficit; then the COE will inform both the local sponsor and the federal sponsor of the deficiency and request that the local sponsor deposit into the escrow account or send a check for the necessary funds.

(4) Transfer of Funds Between Projects: The local sponsor may request the transfer of excess project funds in its escrow account from one project to another provided that:

(a) The COE agrees in writing that the funds are excess to the project; and

(b) The federal sponsor of the project losing the funds agrees in writing to release the funds; and

(c) The federal sponsor of the project gaining the funds agrees in writing to the funds transfer.

d. PROJECT COST LIMITS

(1) Non-Cash Flow Projects: The total project cost may exceed the original estimate by up to 25% without the federal sponsor formally requesting a cost increase from the Task force. If the estimated total project cost is anticipated to exceed the original estimate by more than 25%, the federal sponsor, with the concurrence of the local sponsor, may request approval from the Technical Committee with subsequent approval by the Task Force for additional funds as indicated in Section 6.e(2). If the increase is approved by the Task Force, no additional increase shall be allowed without the explicitly approval of the Task Force. An increase of more than 25% for an individual funding category, except for monitoring as stated in Section 5.d(3), does not require specific Task Force approval unless the increase causes the total project cost to exceed the original estimate by more than 25%. Demonstration project costs are capped at 100% even though they follow non-cash flow procedures.

(2) Cash-Flow Projects:

(a) Phase 1: The Phase 1 cost may not exceed the original Phase 1 estimate without the federal sponsor formally requesting a cost increase from the Task Force. If the estimated total cost of Phase 1 is anticipated to exceed the original PPL Phase 1 estimate, the federal sponsor, with concurrence of the local sponsor, may request approval from the Technical Committee with subsequent approval by the Task Force for additional Phase 1 funds as indicated in Section 6.e(3).

(b) Phase 2: The Phase 2 cost may not exceed the Phase 2 cost estimate without the federal sponsor formally requesting a cost increase from the Task Force. If the estimated total cost of Phase 2 is anticipated to exceed the Phase 2 funding approved by the Task Force, the federal sponsor, with the concurrence of the local sponsor, may request approval from the Technical Committee with subsequent approval by the Task Force for additional Phase 2 funds.

(3) Exceptions: For those monitoring and OMRR&R category estimates that were formally reviewed and approved by the Task Force on July 28, 1998, and January 20, 1999, respectively, increases in those categories above the approved estimates shall be requested by the federal sponsor, with the concurrence of the local sponsor, from the Technical Committee with subsequent approval by the Task force. These requests may occur at any Task Force meeting. Additionally, the monitoring category is capped for all projects at 100% of the original estimate approved by the Task Force and may not exceed this amount without the explicit approval of the Task Force.

(4) Disputes: Neither the COE, as funds administrator, nor any federal sponsor shall be a party to any disputes that may arise between another federal sponsor and the local sponsor under a project's cost sharing agreement.

6. PROCEDURES

a. PROJECT PLANNING AND SELECTION

(1) CWPPRA Committees: Following is a description of the general duties of the primary organizations formed under CWPPRA to manage the program; however, these duties are not all inclusive of all the duties performed by the committees:

(a) Coastal Wetlands Conservation and Restoration Task Force: Typically referred to as the "Task Force" (TF), it is comprised of one member each, respectively, from five federal agencies and the State of Louisiana. The federal agencies of CWPPRA include the Fish & Wildlife Service (FWS) of the U.S. Department of Interior, the Natural Resources Conservation Service (NRCS) of the U.S. Department of Agriculture (USDA), the National Marine Fisheries Services (NMFS) of the U.S. Department of Commerce (USDC), the Environmental Protection Agency (EPA), and the U.S. Army COE. The Governor's Office of the State of Louisiana represents the state on the TF. The TF provides guidance and direction to subordinate organizations of the program through the Technical Committee (TC), which reports to the TF. The TF is charged by CWPPRA to make final decisions concerning issues, policies, and procedures necessary to execute the program and its projects. The TF makes directives for action to the TC, and the TF makes decisions in consideration of the TC recommendations. The District Commander of the USACE, New Orleans District, is the Chairman of the TF. The TF Chairman leads the TF and sets the agenda for action of the TF to execute the program and projects. At the direction of the Chairman of the TF, the New Orleans District: (1) provides administration management, oversight of the Planning and Construction programs, and acts as accountant, budgeter, administrator, and disburser of all federal and non-federal funds under CWPPRA, (2) acts as the official manager of financial data and most information relating to the CWPRPA program and projects.

The State of Louisiana is a full voting member of the TF except for selection of the PPL [Section 303(a)(2) of the CWPPRA], as stipulated in President Bush's November 29, 1900, signing statement of the CWPPRA. In addition, the State of Louisiana may not serve as a lead TF member for design and construction of wetland projects on a PPL.

(b) Technical Committee: The TC is established by the TF to provide advice and recommendations for execution of the program and projects from a number of technical perspectives, which include engineering, environmental, economic, real estate, construction, operation and maintenance, and monitoring.

(c) Planning and Evaluation Subcommittee: The Planning and Evaluation Subcommittee (P&E) is the working level committee established by the TC to form and oversee special technical workgroups to assist in developing policies and processes, and recommend procedures for formulating plans and projects to accomplish the goals and mandates of CWPPRA. The seat of the Chairman of the P&E currently resides with USACE, New Orleans District. The P&E Chairman leads the P&E and sets the agenda for action of the P&E to make recommendations to the TC for executing the program and projects. At the direction of the Chairman of the TC, the Chairman of the P&E executes the management and administrative work directives of the TC and TF Chairs.

(d) Environmental Workgroup: The Environmental Workgroup (EnvWG), under the guidance and direction of the P&E, reviews candidate projects to: (1) suggest any recommended measures and features that should be considered during engineering and design for the achievement and/or enhancement of wetland benefits, and (2) determine the estimated annualized wetland benefits [Average Annual Habitat Units (AAHU)] of those projects. The seat of the Chairman of the EnvWG currently resides with the FWS.

(e) Engineering Workgroup: The Engineering Workgroup (EngWG), under the guidance and direction of the P&E, provides engineering standards, quality control/assurance, and support for the review and comment of the cost estimates for engineering, environmental compliance (cultural resources, NEPA, and HTRW), economic, real estate, construction, construction supervision and inspection, project management, operation and maintenance, and monitoring of candidate and demonstration projects considered for development, selection, and funding under CWPPRA. The seat of the Chairman of the EngWG currently resides with the USACE, New Orleans District.

(f) Economic Workgroup: The Economic Workgroup (EcoWG), under the guidance and direction of the P&E, reviews and evaluates candidate projects that have been completely developed, for the purpose of assigning the fully funded first cost of projects, based on the estimated 20-year stream of project costs. The seat of the Chairman of the EcoWG currently resides with the USACE, New Orleans District.

(g) Monitoring Workgroup: The Monitoring Workgroup (MonWG), under the guidance and direction of the P&E, reviews and evaluates current standards, quality control/assurance, and programmatic monitoring issues. An Academic Advisory Group (AAG) provides technical leadership when necessary. The seat of the co-chairmen of the MonWG currently resides with the local sponsor (CPRA Monitoring Program Manager) and USGS.

(2) <u>October and January Budgeting Meetings:</u> Each year the TF shall have two budgeting meetings (referred to below as the October and January budgeting meetings). Funding decisions for Phase 1 and Phase 2 PPL projects and

demonstration projects will be considered at the January budgeting meeting at the discretion of the TF after considering the recommendations of the TC. At the October budgeting meeting, the TF will consider monitoring and OMRR&R funding requests and Corps administration costs as recommend by the TC. The TF will review the process each year to determine the effect on the overall program and may decide at any time to modify the process. Approved budgets shall include all expenses necessary to support CWPPRA staff engaged in planning or project work (including training and equipment) and should be charged to the appropriate planning or project budget(s).

(3) Planning:

(a) Each year no more than $5 million will be set aside for planning from the total available annual program allocation, in accordance with Section 306(a)(1) of PL 101-646. These funds shall remain available for budgeting and reprogramming during any fiscal year after the funds are set aside. At the June meeting, the TF shall review unallocated funds from the previous years and may program some or all of these funds in addition to the $5 million for the current year. Nevertheless, in no case will more than $5 million be set aside annually for planning from the total available annual program allocation. Agency planning budgets should be consistent with itemized approved budget estimates; however, the TF recognizes the itemized task categories are not inclusive of all activities necessary to accomplish the goals of CWPPRA and are primarily used to develop the overall planning budget estimates. The TF recognizes that agencies may not be able to accurately estimate the level of effort required for each of the task categories at the time budgets are approved. Therefore, agencies can move funds among these categories without Task Force approval as long as the overall planning budget is not exceeded for the respective agency. Generally, the planning process shall include the nomination, development, and evaluation of proposed projects by the Engineering, Environmental, and Economic workgroups.

(b) During the evaluation of PPL candidate projects, federal sponsors will provide cost estimates and spending schedules for each project to the P&E Subcommittee prior to project ranking. Spending schedules will be developed through the end of the project life. The cost estimates and schedules will be comprised of the following subcategories:

Subcategory A. **Phase 1 Engineering and Design** [2] (includes Engineering and Design, Phase 1 Real Estate Requirements, oyster lease surveys and evaluations, environmental compliance (cultural resources, NEPA compliance, and HTRW) and permitting, project management, and draft OMRR&R plan (named the Projects Operations and Schedule Manual when referring to the COE projects).

[2] Includes real estate requirements up to, but not including, the purchase of real estate.

Subcategory B. **Phase 1 Pre-construction Monitoring** (includes Monitoring Plan Development)

Subcategory C. **Phase 2 Construction** (includes Phase 2 real estate requirements, including acquisition of oyster leases, project management, contract management, and construction supervision and inspection)

Subcategory D. **Phase 2 Post-Construction Monitoring** (includes construction-phase monitoring)

Subcategory E. **Phase 2 OMRR&R**

(c) The EngWG will review these estimates for consistency among projects. The P&E will provide a table of these subcategories along with the results of the EnvWG's evaluation to the TC. The TC will review these results along with the project budget requirements and schedules.

(d) The TC will determine a recommended cutoff point, based on project cost effectiveness and other criteria to recommend to the TF.

(4) Annual Priority List: The CWPPRA project approval and budgeting process is to be accomplished in two phases. Approval and budgeting of Phase 1 would not guarantee approval and budgeting of Phase 2, which would involve competition among successful projects from Phase 1. At the January budgeting meeting, the TF may select projects for Phase 1 funding on the annual PPL, after considering the recommendation of the TC. At the time of Phase 1 approval, projects receive funding for Subcategories A and B. The Phase 2 process is described in Section 6.i and 6.j.

b. COST SHARING AGREEMENTS

(1) For non-cash flow managed projects, prior to requesting permission from the TF to proceed with construction of the project, the project sponsors shall negotiate and execute the necessary cost sharing agreement using their own internal procedures. For cash flow managed projects, a cost sharing agreement will be negotiated and executed as soon as possible after Phase 1 approved by the TF.

(2) Cost sharing agreement processing is as follows:

(a) Federal sponsor, if applicable, forwards draft cost sharing agreement to the local sponsor. For cooperative agreements, the local sponsor will initiate the agreement.

(b) After review and negotiations, the local sponsor, upon approval by the State of Louisiana CPRA Board, signs the cost sharing agreement and forward document(s) to the federal sponsor. The federal sponsor signs and executes the document(s) and forward copies to the local sponsor and forwards a copy to the

Corps of Engineers, New Orleans District, ATTN: CEMVN-PM-BC, for TF records and to aid in managing funds disbursement.

c. ESCROW ACCOUNT AMENDMENT

(1) Once the cost sharing agreement is executed, the federal sponsor shall request from the Corps of Engineers, New Orleans District, ATTN: CEMVN-PM-BC, that an amendment to the escrow agreement be executed.

(2) The COE shall forward to the local sponsor, in triplicate, the amendment for the escrow agreement.

(3) After execution by the local sponsor and the financial institution, the local sponsor shall forward all copies of the amendment to the COE.

(4) After execution by the COE of the escrow agreement amendment, an original copy of each shall be forwarded to the local sponsor and the financial institution. A copy of the escrow agreement amendment shall be forwarded to the appropriate federal sponsor.

(5) The escrow agreement shall be amended, as required, to incorporate new projects as cost sharing agreements are executed.

(6) The local sponsor is required to furnish an estimate of work-in-kind credits for the next State fiscal year of projects for which the corresponding federal sponsor or COE has requested such information.

d. PRE-CONSTRUCTION FUNDS DISBURSEMENT

(1) Upon approval of a PPL by the TF, the COE will set up the necessary accounts for each project-funding category or subcategory and reserve funds in the amount estimated in the PPL report.

(2) Within 30 days after receipt of a request for initial funds from the federal sponsor, the COE will prepare a Military Interdepartmental Purchase Request (DD Form 448), hereinafter referred to as MIPR, obligating funds up to a maximum of 85% of the PPL estimate for those pre-construction activities for which funds are being requested (except 5th and 6th PPL projects, where the maximum is 90%), plus the local sponsor's 5% cash contribution, to each federal sponsor in accordance with their request and subject to the availability of funds.

e. PRELIMINARY ENGINEERING AND DESIGN

(1) Plan of Work: Federal and State sponsors shall develop a plan of work for accomplishing Phase 1. This plan shall include, but not be limited to: a detailed task list, time line with specific milestones, and budget, which breaks out specific tasks

such as geotechnical evaluations, hydrological investigations, modeling, environmental compliance (cultural resources, NEPA, and HTRW).

(2) 30% Design Review: In order to resolve problems, anticipate cost growth and identify the best project alternative to meet intended project goals. A 30% Design Review shall be performed upon completion of a Preliminary Design Report. The Design Review is intended to verify the viability of the project and whether or not the federal and local sponsors agree to continue with the project. This review must indicate the project is viable before there are expenditures of additional Phase 1 funds.

Preliminary Design means all alternatives have been evaluated and a preferred alternative has been selected. Information used to make this determination shall be provided as supporting documentation at the Preliminary Design Meeting (30% review).

The Preliminary Design Report shall include 1) recommended project features, including a description of any project changes from that originally authorized; 2) all data collected and design analyses completed to date in support of project; 3) preliminary design typical drawings with enough detail to describe the proposed project features; 4) land ownership investigation; 5) information prepared by the local sponsor and provided to the federal sponsor indicating any oyster leases potentially impacted by the proposed project and a data sheet listing: lease number, lease acreage, lessee name, and other pertinent data; 6) preliminary cultural resources assessment; 7) revised project construction, OMRR&R, monitoring, and administrative cost estimates based on the current selected preliminary design. The revised OMRR&R costs should consider reducing long-term maintenance costs while maintaining project features to function as originally intended (i.e., sponsors should investigate the potential cost savings from investing more in initial construction (over-designing/over-building) in an effort to reduce future maintenance requirements; 8) updated information regarding potential project benefits.

The project sponsors shall jointly hold a 30% Design Review Conference to obtain respective concurrence to continue with design. The other agencies shall be notified by the project sponsors at least four weeks prior to the conference of the date, time and place, and invited to attend. Any supporting data shall be forwarded to the other agencies for their review two weeks prior to the conference. Invitations and supporting data shall be sent to agency representatives of the TC, P&E, and project managers. Agencies shall have 15 days after the 30% Design Review Conference to submit written comments. Project sponsors shall provide a written response to 30% Design Review comments within 30 days following the end of the commenting period.

Following response to written comments, the federal sponsor shall forward a letter (or e-mail) to the TC, with a copy to the P&E, including the revised estimate, a description of project revisions from the previously authorized project, agency

comments and responses, and a letter of concurrence from the local sponsor, informing them of the agreement to continue with the project. The TC may make a recommendation on whether or not to continue with the project.

For cash flow managed projects, if the estimates indicated that the Phase 1 cost will exceed the original approved amount, the sponsors may request approval from the TC with subsequent approval by the TF for additional funds to continue at a quarterly meeting. For non-cash flow managed projects, if the revised estimate indicates that the total project cost will exceed 125% of the original or current approved estimate, the sponsors shall request approval from the TC with the subsequent approval by the TF, at any TF meeting, to continue with the project.

In some cases, the TF may require an additional formal review, involving all the agencies, of the project design at an intermediate level to ensure that optimum benefits to wetlands and associated fish and wildlife resources are achieved.

(3) Changes in Project Scope: If a project undergoes a major change in scope or a change in scope resulting in a variance of more than 25% from: (1) the total project cost, (2) the number of acres benefits, (3) total AAHUs, or (4) the ratio of the total cost to the number of acres benefited or total project cost to total project AAHUs, then the project sponsors will submit a report to the TC explaining the reason(s) for the scope change, the impact on cost and benefits, and a statement from the local sponsor endorsing the change. The TC will review the report and recommend to the TF approval or rejection of the change. Changes in project scope resulting in an increase in total project cost are discussed in Section 5.d.

f. PRE-CONSTRUCTION MONITORING

For projects that the sponsors intend to use project-specific monitoring elements, the federal sponsor shall provide project-specific goals and strategies to inform development of a monitoring plan and a budget by the local sponsor. Any required pre-construction monitoring will be funded in Phase 1 and would be accomplished in accordance with the project specific monitoring plan. Monitoring plans and budgets should be included as part of the Final Design Report. Construction and post-construction monitoring costs should be included in Phase 2 funding requests.

g. REAL ESTATE

(1) General:

(a) Each federal or local sponsor shall follow the real estate procedures in use by that agency.

(b) During preliminary engineering and design, the federal or local sponsor shall identify all real estate potentially impacted by the project.

(c) After determining the property rights required, the federal or local sponsor shall obtain an estimated value of the real estate interest to determine the value of the lands, easements, and rights-of-way to be acquired.

(d) For cash flow managed projects, real estate purchase will take place only during Phase 2.

(e) For cash flow managed projects, between 30% and 95% design reviews, the local sponsor will have any potentially impacted oyster leases appraised and will forward the projected acquisition costs to the federal sponsor, as well as the supporting documentation for these cost projections, except for legally proprietary information. In the case of non-cash flow projects, this information will be provided prior to soliciting construction approval from the TF.

(2) Section 303(e) Approval:

(a) In accordance with Section 303(e) of CWPPRA, the federal sponsor shall, prior to acquiring any lands, easements or rights-of-way for a CWPPRA project, obtain Secretary of the Army (or his designee) approval that the "project is subject to such terms and conditions as necessary to ensure that the wetlands restored, enhanced or managed through the project will be administered for the long-term conservation of such lands and waters and dependent fish and wildlife populations."

(b) In order to obtain approval in accordance with Section 6.g(2)(a), the federal sponsor shall furnish the COE the following information before requesting approval to proceed to construction for non-cash flow managed projects and before requesting approval to proceed with Phase 2 for cash flow managed projects:

i. Plan showing project limits and type of land rights required
ii. Language of land rights
iii. Certification that land acquisition is in accordance with all applicable federal and State laws and regulations
iv. Statement that all standard real estate practices will be followed in acquiring land rights
v. Overgrazing determination: statement from NRCS as to whether overgrazing in the project area is a problem and whether easements restricting grazing are required

One hard copy of the Section 303(e) request materials shall be sent to the below address. In addition, submit one copy of the 303(e) request materials electronically to the COE CWPPRA 303(e) point of contact (or the P&E Chairman and he will distribute accordingly).

U.S. Army Corps of Engineers
ATTN: CEMVN-PM-BC
P.O. Box 60267
New Orleans, LA 70160-0267

(c) In the event of a project transfer to a different federal agency within the CWPPRA program, the 303(e) approval issued prior to the transfer will remain in effect, provided all other aspects upon which the certification was based remains the same. In the event of a project transfer to a non-CWPPRA program, any 303(e) certification issued through the CWPPRA process becomes null and void.

(d) In the event a project is inactivated but later reactivated within the CWPPRA program, the validity of the most recent 303(e) certification, if any exists, shall be reviewed and a determination made as to its validity or if resubmission of the 303(e) request materials are required.

(e) 303(e) certifications are assumed to be valid for the life of the project provided all conditions upon which the more recent certification issuance were based remain unchanged.

(3) Real Estate for Non-Cash Flow Managed Projects: Federal sponsors shall ensure that real estate acquisition of easements requiring a significant expenditure of funds and pre-construction monitoring are not begun until the Engineering and Design is substantially completed and there is a reasonably high level of certainty that the project will proceed to the next phase.

(4) Real Estate for Cash-Flow Managed Projects: The purchasing of real estate shall not occur until Phase 2. Preliminary real estate investigations, including preliminary ownership determination, should be initiated early in the project design activities.

h. FINAL ENGINEERING AND DESIGN

(1) 95% Design Review: A 95% Design Review Conference shall be held by project sponsors at least four weeks prior to the winter TC meeting at which Phase 2 funds will be requested. As part of the 95% Design Review Conference, the project sponsors will provide a Final Design Report.

The other agencies shall be notified by the project sponsors at least four weeks prior to the conference of the date, time and place, and invited to attend. The project sponsors shall provide the Final Design Report, project plans, and all supporting information (e.g., surveys, geotechnical analysis, modeling reports, etc.) utilized in design of the project to other agencies for their review and comment at least two weeks prior to design review conference. Invitations and supporting data shall be sent to agency representatives of the TC and P&E.

Final Design means all analysis has been completed for the preferred alternative. Project plans and specifications have been developed and reviewed by the project team, and the project is ready to request funding for construction. All design documentation shall be provided at the Final Design meeting (95% review).

The Final Design Report shall include 1) a revised construction cost estimate; 2) a draft OMRR&R Plan and associated budget (named the Project Operations and Schedule Manual when referring to Corps); and a draft Monitoring Plan, if applicable. The Final Design Report shall include all supporting data, along with a description of how the project differs in cost, features, and environmental benefits from the project approved during Phase 0. It should also include a response to the comments brought up at the 30% Design Review Conference.

After the conference, a letter of concurrence from the local sponsor indicating their willingness to continue with the project shall be sent to the TC and the P&E.

(2) Changes in Project Scope: Changes in projects cope will be addressed as stated in Section 6.e(3).

i. CONSTRUCTION APPROVAL FOR NON-CASH FLOW MANAGED PROJECTS

Prior to advertising for bids for the first construction contract, the federal sponsor shall request permission from the TC with subsequent approval by the TF, at any TF meeting or by electronic vote to proceed to construction. The request shall be addressed to the TC and P&E.

The request to proceed to construction will include at a minimum:

(1) Description of the project, which includes a map clearly depicting the current project boundary and project features, detailed description of project features, and an updated fact sheet suitable for inclusion in the formal PPL documentation. In cases of substantial modifications/scope changes to original conceptual design or costs, describe the specific changes both qualitatively and quantitatively.

(2) Section 303(e) Certification from the COE.

(3) Overgrazing determination

(4) Revised fully funded cost estimate approved by the EcoWG, and a WVA reviewed and approved by the EnvWG

(5) A statement that the cost sharing agreement between the federal sponsor and the local sponsor has been executed.

(6) A statement that:

(a) A draft Environmental Assessment of the project, as required under NEPA has been completed; and

(b) A hazardous, toxic, and radiological waste (HTRW) assessment, if required, has been performed[3].

j. PHASE 2 APPROVAL FOR CASH FLOW MANAGED PROJECTS

At the end of Phase 1, the project sponsors may request permission from the TC with subsequent approval by the TF to proceed to Phase 2. Permission to proceed to Phase 2 implies permission to proceed to construction. The request to proceed to Phase 2 will be in accordance with APPENDIX A – Information Required in Phase 2 Authorization Requests.

(1) Phase 2 approval and funding requests will be evaluated at the January budgeting meeting, in accordance with Section 6.a(2). Federal sponsors should provide a list of projects eligible for Phase 2 approval. Projects shall not be eligible for Phase 2 approval until the requirements listed in APPENDIX A are satisfied. Due to limited funding, Phase 2 approval involves competition among successful projects from Phase 1.

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

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

[3] Agencies are cautioned to review the requirements for the "innocent landowner defense" under CERCLA, 42 U.S.C. 9601(35)(B), in cases involving the discovery of HTRW on lands, easements, servitudes and/or rights-of-way acquired for a project.

(2) Subsequent to the October and January budgeting meetings, project sponsors may make a request to the committees at any time for additional funding that is needed for the current fiscal year when there is evidence that the project is progressing faster than expected, as long as those funds are utilized for the current phase of the project. Project sponsors shall specify under which subcategory additional funding is being requested.

(3) If construction award has not occurred within 2 years of Phase 2 approval, the Phase 2 funds will be placed on revocation list for consideration by the TF at the next TF meeting. Requests to restore these funds may be considered at subsequent January budgeting meetings.

k. FUNDS DISBURSEMENT

(1) Upon approval to begin Phase 1, the COE will issue to the federal sponsor a MIPR in the amount requested to cover up to a maximum of 75% of the Phase 1 cost (85% after the Conservation Plan is approved, except 5th and 6th list projects for which the percentage is 90%), as described in Section 6.d(2).

(2) Upon TF approval to begin construction for non-cash flow managed projects or upon approval to begin Phase 2 for cash flow managed projects and deposit by the local sponsor of the required funds into the escrow account, the federal sponsor shall request that the COE issue a MIPR in the amount sufficient to cover the total construction and related costs of the project, up to the maximum federal allowed amount as described in Section 6.k(2).

(3) In those cases where the local sponsor's annual work-in-kind plus cash contribution exceeds the cost sharing percentage, and at the request of the federal sponsor, the COE will disburse funds directly to the local sponsor to bring the project expenditures to the required cost sharing. The federal sponsor must approve the work-in-kind exceedance in advance.

(4) Annually, agencies shall review all projects approved for funding in Phases 1 and 2, identify excess funds in those phases, and make a recommendation to the TF as to how much of those funds to return at that time. Returned funds shall be available for reprogramming . At the October and January budgeting meetings, the TF may also consider reprogramming excess funds that have not yet been returned to the TF. Agencies may return funds by returning a MIPR to the COE with a request to deobligate funds.

l. PROJECT BID OVERRUNS

Pre-award:

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

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

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

(c) Option 3: Request additional funding from the TC, and subsequently the TF, and award the contract

If option 2 or 3 is selected, the resulting cost effectiveness should be evaluated for substantial increases in cost/habit unit and cost/net acre. This will require a review of the change in benefits by the EnvWG. Provisions in bidding procedures by the State of Louisiana allow for acceptance of a bid within a 30-calendar day window after the offer is made. Provisions in bidding procedures by NRCS, under Federal Acquisition Regulations (FAR) allow for acceptance of a bid for a period of time determined at the time of solicitation. Provisions in bidding procedures by the COE, under FAR, mandate acceptance of a construction bid within a 30 calendar day window after the offer is made, unless the bidder grants an extension in 30 day increments.

(2) Required Procedure:

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

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

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

(d) If the final estimate is within the available funds (authorized amount) prior to bidding and the base bid with alternates approach was used but the bid exceeded the project cost limits, the federal sponsor, with the concurrence of the local sponsor, would apply deductive alternates to get the project within available funds. In no case should the federal sponsor implement without TF approval and local sponsor concurrence a deductive alternative that would reduce the original project's cost-effectiveness by more than 2%; this will require prior consultation with the P&E and the appropriate work groups. If after taking deductive alternatives the base bid still exceeds the project cost limits, the federal sponsor, with concurrence of the local sponsor, will

notify each of the agencies on the TF of their intention to request additional funds within 15 days of receipt of bids. The federal sponsor should also provide the other members of the TF bid data and any information that supports the request for additional funds at the same time.

m. MONITORING

(1) The TF authorized funding for the Coastwide Reference Monitoring System (CRMS) in 2003 to improve the capability of the monitoring program to evaluate the effectiveness of individual projects and the restoration program by providing a network of reference sites to compare to project sites. Data, monitoring reports and summary graphics are available to the public on the CRMS website at www.lacoast.gov/crms2.

(2) The Monitoring Plan shall be developed in conjunction with the engineering and design to ensure that the plan will be completed prior to the TF granting approval for construction in accordance with the Sections 6.i and 6.j. If the project specific monitoring in addition to monitoring of CRMS sites is required, it will be reflected in the monitoring plan and approved by the project sponsors. Funding for the monitoring activities shall be as required in Section 5.c(2), 6.a(4)(a), 6.j(2), and 6.k.

(3) The effectiveness of the project is periodically evaluated by the project sponsors. If it is determined that additional project specific monitoring is necessary to better evaluate the project, approval by the TC and TF is required.

(4) Federal sponsors shall maintain oversight over the local sponsor's expenditure of Post-Construction Monitoring funds. The local sponsor shall submit invoices, request for work-in-kind credits, etc. to the federal sponsor for review. Subsequent to the review and approval of the expenditures, and within 90 days of receipt from the local sponsor, the federal sponsor shall forward the appropriate documentations to the COE for payment.

(5) Monitoring contingency funds are available for both project specific and programmatic activities as outlined in APPENDIX B – Monitoring Contingency Funds Standard Operating Procedure. The P&E has authority to approve or disapprove request submitted by the Louisiana CPRA Monitoring Program Manager.

n. OMRR&R

Project OMRR&R shall be as specified in the project's cost sharing agreement. Funding for OMRR&R activities shall be as required in Section 5.c(2), 1.a(1), and 6.k.

(1) Federal sponsors shall maintain oversight over the local sponsor's expenditure of OMRR&R funds. The local sponsor shall submit invoices, requests for work-in-kind credits, etc. to the federal sponsor for review. Subsequent to the review and approval of expenditures, and within 90 days of receipt from the local sponsor, the federal sponsor shall forward the appropriate documentations to the COE for payment.

(2) From time to time there will be projects that have completed construction, but that need modification to ensure their success, cover a design deficiency, or to handle some critical unanticipated requirement. Federal sponsors may make a request through the TC to the TF for funding of such modifications. In its recommendation to the TF, the TC will make a determination whether the funds are needed to meet a critical time requirement or whether the funding could be postponed for consideration during the fall budgeting meeting. Information required for such requests are included in APPENDIX C – O&M Funding Increase Request Beyond the Approved 20-Year Budget.

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

(4) The federal sponsor may request the last five years of O&M funding at TY15, allowing the federal sponsor to plan and implement activities leading up to TY20. In this case, the project would have five 3-year allocations and a final allocation for the final five year term.

o. 20-YEAR PROJECT LIFE

(1) As defined by CWPPRA, the term "life of the project" shall mean 20 years from the completion of construction of the project or functional portion of the project. For multiple phased construction, the project life is considered from the end of construction of the last phase.

(2) Upon meeting its 15th year of life, a project will be reviewed by the project sponsors and a recommendation made to the TC as to the appropriate path forward at the spring meeting. In general, a project may take one of four defined paths: 1) project close-out (no feature removal), 2) project close-out (partial or complete feature removal), 3) project transfer to another entity, or 4) project extension.

(3) A matrix may be found in APPENDIX D that details each defined path and includes required activities for the project to be approved by the TF for each path.

(4) When the 20-year life is met for a completed project the TF will acknowledge the action and project path selected for the permanent record.

p. PROJECT CLOSE-OUT

(1) The project sponsors shall keep books, records, documents, and other evidence pertaining to costs and expenses incurred by the project to the extend and in such detail as will properly reflect total project costs. The project sponsors shall maintain such books, records, documents, and other evidence for a minimum of three years after completion of construction, OMRR&R, and monitoring of the project and

resolution of all relevant claims arising there from, and shall make available at their offices at reasonable times, such books, records, documents, and other evidence for inspection and audit by authorized representatives of the project sponsors.

(2) Upon completion of all work and certification by the federal sponsor of the final accounting on the project, the COE shall release any excess project funds from the escrow account and/or reimburse the local sponsor for any overpayment of their cost sharing requirements, provided funds are available, in accordance with the provisions of the applicable cost sharing agreement and the escrow agreement.

(3) If the COE advances funds to a federal sponsor for a project, any excess funds identified at the completion of the project shall be returned to the COE for credit to the CWPPRA accounts.

(4) Any excess funds in an escrow account shall be returned to the local sponsor, or at its option, transferred to another project in accordance with Section 5.c(4).

(5) Project sponsors shall prepare a brief report summarizing the project features, costs, and effectiveness. Upon completion of the funded project life, the project sponsors shall inform the TC of their intent to extend or terminate the project under the CWPPRA program.

q. PROJECT DEAUTHORIZATION, INACTIVATION, OR TRANSFERS TO OTHER PROGRAMS

(1) If the project sponsors agree that it is necessary to deauthorize a project prior to construction, then they shall submit a letter to the TC requesting approval by the TF to deauthorize the project and explaining the reasons for the request.

If the project sponsors do not agree to deauthorize a project prior to construction, then either party or the chair of the P&E may submit a letter to the TC requesting approval by the TF to deauthorize the project and explaining their reasons for the request.

If circumstances warrant transfer of a project to an alternate authority, either as directed by programmatic Congressional authorization or voluntarily requested by a separate authority, then that receiving authority, in coordination with the project sponsors, shall submit a letter to TC requesting the transfer and explaining the reasons for the transfer.

(2) The TC will forward to the TF a recommendation concerning deauthorization or transfer of the project. Nothing herein shall preclude the federal sponsor, local sponsor, or a receiving authority from bringing a request for deauthorization or transfer to the TF irrespective of the recommendation of the TC.

(3) Upon submittal of a request for deauthorization or transfer the TC, all parties shall suspend all future obligations and expenditures as soon as practicable until the issue is resolved.

(4) Upon receiving preliminary approval from the TF to deauthorize or transfer a project, the Chairman of the TC shall send notice to the Louisiana Congressional delegation, the State House and Senate Natural Resources Committee chairs, the State Senator(s) and State Representatives(s) in whose district the project falls, senior parish officials in the parish(es) where the project is located, any landowners whose property would be directly affected by the project, any interested parties, requesting their comments and advising them a final decision on deauthorization or transfer will be made at the next TF meeting.

(5) If the TF determines that a project should be transferred to another authority, the project sponsors shall provide a chronological summary of all work completed to date; identify any outstanding issues; and provide all project information to the receiving authority, including acquired data, engineering and design analyses, and project documents. The project sponsors shall host an information transfer meeting with appropriate representatives of the receiving authority. The purpose of the meeting is to review project status and details regarding work accomplished to date. Expenditures of CWPPRA funds to re-package project information, conduct additional analyses, or acquire new data or information are not anticipated and shall require explicit approval by the TF.

(6) When the TF determines that a project should be abandoned or no longer pursued because of economic or other reasons or transferred to another authorization, all expenditures shall cease immediately or as soon as practicable if the project is deauthorized or after information is transferred to another authority according to Section 6.q(5) to another authority. The TC will notify Congress and the State House and Senate Natural Resources Committee chairs of the decision.

(7) Once a project is deauthorized or transferred by the TF, it shall be categorized as "deauthorized" or "transferred" and closed-out as required by Section 6.p.

(8) At the discretion of the TF, unconstructed projects that are considered feasible but have not been funded for construction due to programmatic issues (e.g., high costs, cost share agreement issues, etc.) and have completed a 95% Design Review may be considered for inactivation. If this occurs, all project funding will be returned to the program. If conditions (e.g., economic and/or programmatic) change, the project sponsors may request consideration from the TC to return to active status with an updated funding request. Upon approval by the TF, the project will be placed back into active status. If not approved, the project will remain inactive until conditions do change, or the project is transferred to an entity outside of the CWPPRA program. A project placed in an inactive status does not preclude it from being transferred to a willing party if approved by the TF.

r. PROJECT TRANSFERS TO AN ALTERNATE FEDERAL AGENCY

(1) A member of the TC, TF, or any entity (parish, landowner, others) may request that a project be transferred to an alternate federal sponsor by submitting a request to the TC for consideration.

(2) The TC will forward to the TF a recommendation concerning transfer of the project and give an explanation for the transfer. Nothing herein shall preclude a formal request for transfer by a member (or representative) to the TF irrespective of the recommendation of the TC.

(3) Upon submittal of a request for transfer to the TC, all parties shall suspend all future obligations and expenditures as soon as practicable, until the issue is resolved.

(4) Thereafter, the TC can recommend the TF to consider the action to be voted on by all members of the TF.

(5) If the TF approves transferring the project to an alternate federal sponsor, the transferring federal sponsor shall notify parish officials in the parish(es) where the project is located, any landowners whose property would be directly affected by the project, and any other interested parties.

(6) If the TF decides that project will be transferred to another lead agency, the transferring federal sponsor, along with the local sponsor, shall host an information exchange meeting with appropriate representatives of the receiving federal sponsor within 90 days. The purpose of the meeting is to review project status and details regarding work accomplished to date. Information to be provided will include but not be limited to:

(a) A chronological summary of all work completed to date
(b) Full accounting of all expenditures
(c) Agreement on work-in-kind credits to date
(d) A full discussion of all outstanding obligations
(e) A full discussion of any outstanding issues
(f) All current project information, including all acquired data, engineering and design documents, real estate plans, assurance of NEPA compliance, certifications and permits (when applicable). Depending on the situation, a permit transfer or a new permit will likely be required by the new federal sponsor.

(7) A project transfer will be considered completed when the TF meeting referenced in (6) is held and the receiving federal agency has informed the TF in writing that all conditions pertaining to project transfers have been completed. Responsibility for all expenditures and obligations shall be assumed immediately by the receiving federal sponsor.

s. STORM RECOVERY PROCEDURES CONTINGENCY FUND

(1) The TF created a Storm Recovery Procedures Contingency Fund under the Construction program, in the amount of $303,358.92 on October 18, 2006 with immediate approval of $203,358.92 in support of Katrina/Rita expenditures, leaving a remaining balance in the contingency fund of $100,000.

(2) The contingency fund would maintain a balance of $100,000 at all times to cover the cost of assessment of future storm damage. Expenditures of funding in excess of $100,000 would require a vote by the TF.

t. STANDARD OPERATING PROCEDURES AMENDMENTS AND TRACKING

An official, current version of these Standard Operating Procedures shall be maintained by the COE New Orleans District as part of their support of the TC. This document shall be available on the internet as well. Approval will involve, at a minimum, formal acceptance by the TC at a regularly scheduled meeting. If the changes involve policy-level decisions, then any such changes must also be ratified by the TF.

APPENDICES

APPENDIX A

INFORMATION REQUIRED IN PHASE 2 AUTHORIZATION REQUESTS

I. Description of Phase One Project

Describe the candidate project as selected for Phase One authorization, including PPL/fact sheet scale map depicting the project boundary and project features, written description of the conceptual features of the project as authorized for Phase One, a summary of the benefits attributed to the Phase One project (e.g., goals/strategies, WVA results, and acreage projections), and project budget information as estimated at Phase One authorization (e.g., anticipated costs of construction, O&M, monitoring, etc.)

II. Overview of Phase One Tasks, Process and Issues

Brief description of Phase One analyses and tasks [engineering, land rights, environmental compliance (cultural resources, NEAP, and HTRW), etc.], including significant problems encountered or remaining issues.

III. Description of the Phase Two Candidate Project

Include easily reproducible PPL/Fact sheet scale map that clearly depicts the current project boundary and project features, suitable for inclusion in the formal PPL documentation.

Detailed description of project features/elements, updated assessment of benefits reviewed and approved by the Environmental Work Group (EnvWG), current fully funded cost estimate approved by the Engineering Work Group (EngWG) and Economic Work Group (EcoWG), and updated fact sheet suitable for inclusion in the formal PPL documentation. In cases of substantial modifications to original conceptual design or costs describe the specific changes both qualitatively and quantitatively.

IV. Checklist of Phase Two Requirements

(A) List of project goals and strategies.

(B) A statement that the cost sharing agreement between the lead agency and the local sponsor has been executed for Phase 1.

(C) Notification from the State or COE that land rights will be finalized in a short period of time after Phase 2 approval.

(D) A favorable Preliminary Design Review (30% Design Level).

(E) A favorable Final Design Review (95% Design Level) must be successfully completed prior to seeking Phase 2 approval from the Technical Committee.

(F) A draft of the Environmental Assessment of the project, as required under the National Environmental Policy Act, must be submitted two weeks before the Technical Committee meeting at which Phase 2 approval is requested.

(G) Application for and/or issuance of the public notices for permits at least two weeks before the Technical Committee meeting at which Phase 2 approval is requested.

(H) A hazardous, toxic and radiological waste (HTRW) assessment, if required.

(I) Section 303(e) approval from the COE.

(J) Overgrazing determination from the NRCS (if necessary).

(K) Revised fully funded cost estimate, reviewed and approved by the EngWG prior to fully funding by the EcoWG, based on the revised project design and the specific Phase 2 funding request as outlined in below spreadsheet.

(L) A Wetland Value Assessment reviewed and approved by the EnvWG.

REQUEST FOR PHASE II APPROVAL

PROJECT: _____

PPL: _____ **Project No.** _____

Agency: _____

Phase I Approval Date: _____

Phase II Approval Date: _____ **Const Start:** _____

	Original Approved Baseline (100% Level) (Col 1 + Col 2)	Current Approved Baseline (Col 3 + Col 4)	Original Baseline Phase I (100% Level) 1/	Original Baseline Phase II (100% Level) 2/	Current Baseline Phase I 3/	Recommended Baseline Phase II (100% Level) 4/	Recommended Baseline Phase II Incr 1 (100% Level) 5/
Engr & Des	-	-					
Lands	-	-					
Fed S&A	-	-					
LDNR S&A	-	-					
COE Proj Mgmt	-	-					
Phase I	-	-					
Ph II Const Phase	-	-					
Ph II Long Term	-	-					
Const Contract	-	-					
Const S&I	-	-					
Contingency	-	-					
Monitoring	-	-					
Phase I	-	-					
Ph II Const Phase	-	-					
Ph II Long Term	-	-					
O&M - State	-	-					
O&M - Fed	-	-					
Total	-	-		-	-	-	-
Total Project				-		-	-
Percent Over Original Baseline							

Prepared By: _____ **Date Prepared:** _____

NOTES:

APPENDIX B

MONITORING CONTINGENCY FUND SOP

On July 23, 1998, the CWPPRA Task Force approved $1.5 million out of the construction funds to be used as a contingency for the CWPPRA Monitoring program. The Task Force provided authority to the Planning and Evaluation Subcommittee (P&E) to approve or disapprove all requests. Request for use of contingency funds are either based on project-specific activities or programmatic activities. Project-specific relates to changes in project designs, timetables, goals or impacts and programmatic relates to changes in monitoring techniques, analyses or approaches [specific examples identified in (4) below]. The procedures to be followed in requesting contingency funds are as follows:

(1) Upon identification of an activity that would require monitoring contingency funds, the Louisiana Coastal Protection and Restoration Authority (CPRA) Monitoring Program Manager will solicit the lead agency on project specific requests and the P&E on programmatic requests. The solicitation will be a letter outlining and justifying the request with an attached budget. Lead agencies shall respond to such requests within 10 working days of the State's request. Responses not received within 10 days may be deemed by the State as lead agency approval.

(2) Upon approval from the lead agency on project specific requests, the CPRA Program Manager will send a letter to the P&E stating concurrence of the lead agency and will request approval for use of contingency funds. A copy of the initial solicitation to the lead agency will be attached. Letters to the P&E for project-specific and programmatic requests will include a running total of contingency funds provided to date.

(3) Upon approval for use of contingency funds by the P&E, COE New Orleans District will prepare MIPR's to the State and/or participating agencies (e.g., U.S. Geological Survey) in the amount requested. MIPR's to the State for project-specific activities will be cost shared in accordance with approved cost-share agreements. MIPR's to the State for programmatic activities will be cost-shared at 85% federal and 15% State.

(4) Activities that are appropriate for use of contingency funds include, but are not limited to:

Project-Specific

(a) <u>Changes in project designs</u> such as revised boundaries, structures or goals may require extra meetings, revising monitoring plans, additional preconstruction aerial photography acquisition and analysis, and additional preconstruction monitoring.

(b) <u>Delays in project construction</u> may require additional preconstruction aerial photography acquisition and analysis and additional preconstruction monitoring.

(c) <u>Damage to monitoring stations</u> due to human or natural causes such as stolen or vandalized equipment, marsh burning and storm damage may require replacement.

(d) Project-specific impacts that might surface during routine monitoring such as increasing the duration and frequency of flooding.

Programmatic

(e) Cost increases in technologic advances such as habitat mapping, land:water analyses, surveying, shoreline change analysis, lidar, and hyper spectral imagery.

(f) Planning and engineering requests to monitor specific variables or evaluate specific questions such as structure effectiveness.

(g) Storm event monitoring to evaluate influences and impacts of storms.

(h) Coastwide data collection and evaluations to address cumulative effects of projects.

APPENDIX C

OPERATIONS AND MAINTENANCE FUNDING INCREASE REQUEST BEYOND THE APPROVED 20-YEAR BUDGET

Federal and local sponsors can jointly request O&M funding increases at the September Technical Committee meeting to be considered by the Task Force at the October budgeting meeting. As per the Task Force's request (June 2007), the federal and local sponsors will provide a fact sheet to help the Task Force make informed decisions based on the cost-effectiveness of the proposed operations and/or maintenance events that will be accomplished with the requested funding. O&M funding increase factsheets shall be provided to the Task Force, Technical Committee, and P&E two weeks prior to the September Technical Committee meeting. O&M funding increase fact sheets shall include the following:

(1) Project History

(a) A description of the original project

(b) What work has been completed to date (construction and previous O&M events)

(c) The original project budget

(d) Any previous O&M funding increases

(2) Increase Request

(a) The O&M increment increase being requested

(b) The new fully-funded cost estimate

(c) A description of the proposed operations and/or maintenance event(s) that will be accomplished with the requested funding

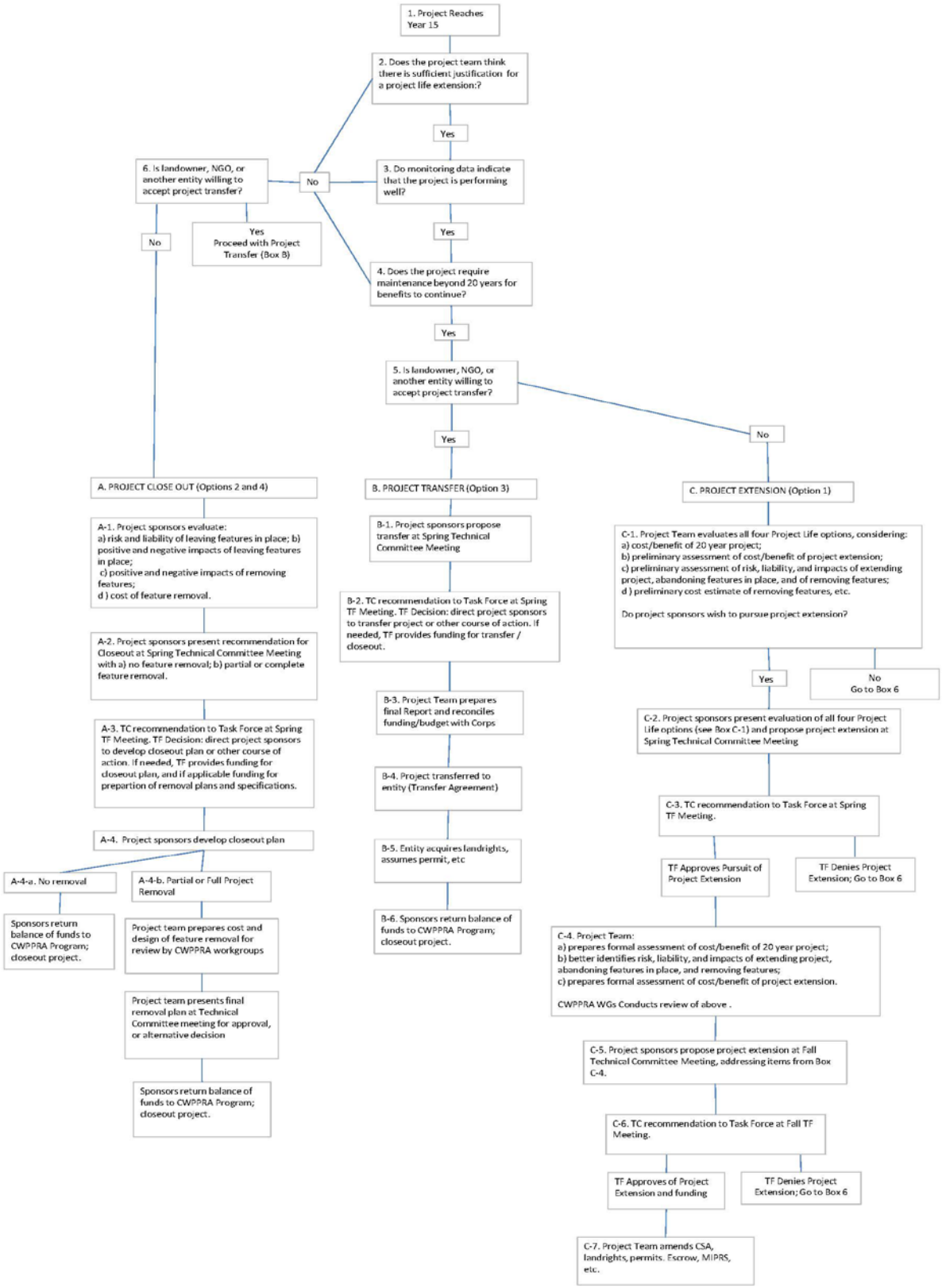
(3) Increase Justification

(a) Summary of project performance over the life of the project (if monitoring data is available)

(b) How is the project currently deficient in the meeting its goals, and how this deficiency will affect the project area over the remainder of the project life

(c) How will the proposed O&M help the project meet its goals

APPENDIX D – 20-YEAR LIFE DECISION MATRIX



APPENDIX E

DEMONSTRATION PROJECT GUIDELINES

I. Introduction

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

On April 6, 1993, the Task Force 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."

On April 12, 2006, the Task Force passed a motion stating that they would: "consider funding, upon review, at least one credible demonstration project annually with estimates not to exceed $2,000,000."

II. What Constitutes a Demonstration Project

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

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

(C) Demonstration projects are unique and are not duplicative in nature when compares to technologies that have been developed for routine application in coastal Louisiana.

III. Submission of Candidate Demonstration Projects

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

Technical Committee will select up to three demonstration project candidates for detailed assessment by the work groups.

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

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

IV. Evaluation of Candidate Demonstration Projects

(A) The EngWG and EnvWG will conduct a joint meeting during the annual evaluation of candidate projects to evaluate all demonstration projects. The lead federal agency will present the information packet described in III(B) to the CWPPRA work groups. Each candidate demonstration project will be evaluated and compared to other demonstration projects based on the following evaluation parameters.

(B) Demonstration Project Evaluation Parameters:

1. **Innovativeness** – The demonstration project should contain technology that has not been fully developed for routine application in coastal Louisiana or in certain regions of the coastal zone. The technology demonstrated should be unique and not duplicative in nature to traditional methods or other previously tested techniques for which the results are known. Techniques that are similar to traditional methods or other previously tested techniques should receive lower scores than those that are truly unique and innovative.

2. **Applicability or Transferability** – Demonstration projects should contain technology that can be transferred to other areas of the coastal zone. However, this does not imply that the technology must be applicable to all areas of the coastal zone. Techniques that can only be applied in certain wetland types or

in certain coastal regions are acceptable, but may receive lower scores than techniques with broad applicability.

3. **Potential Cost-Effectiveness** – The potential cost-effectiveness of the demonstration project's method of achieving project objectives should be compared to the cost-effectiveness of traditional methods. In other words, techniques that provide substantial cost savings over traditional methods should receive higher scores than those with less substantial cost savings. Those techniques that would be more costly than traditional methods to provide the same level of benefits should receive the lowest scores. Information supporting any claims of potential cost savings should be provided.

4. **Potential Environmental Benefits** – Does the demonstration project have the potential to provide environmental benefits equal to traditional methods? Somewhat less than traditional methods? Above and beyond traditional methods? Techniques with the potential to provide benefits above and beyond those provided by traditional techniques should receive the highest scores.

5. **Recognized Need for the Information to be Acquired** – Within the restoration community, is there a recognized need for information on the technique being investigated? Demonstration projects that provide information on techniques for which there is a great need should receive the highest scores.

6. **Potential for Technological Advancement** – Would the demonstration project significantly advance the traditional technology currently being used to achieve project objectives? Those techniques that have a high potential to completely replace an existing technique at a lower cost and without reducing wetland benefits should receive the highest scores.

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

(C) The EngWG 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.

V. Funding Approval

Demonstration projects shall be considered for funding on an annual based as (a) part(s) of a PPL (i.e., January meeting). Demonstration projects follow non-cash flow procedures and are capped at 100%. However, agencies may choose to employ cash

flow procedures if they believe it is necessary to maintain consistent accounting procedures of if they believe it would improve dissemination of project information to the Task Force and public.

VI. Engineering and Design

(A) Design Review Conference

The project sponsors shall hold a Design Review Conference with the other agencies upon completion of a Preliminary Design Report (PRD) to allow the other agencies an opportunity to comment on the proposed design of the project. The other agencies shall be notified at least four weeks prior to the conference of the date, time, and place, and invited to attend. The PDF shall be forwarded to the other agencies for their review, with receipt two weeks prior to the conference. Initiations and supporting data shall be sent to agency representatives of the Technical Committee and the Planning and Evaluation Subcommittee.

The Preliminary Design Report shall include: 1) recommended project features, including a description of any project changes from that originally authorized, 2) a discussion of the project location reviewed/approved by the EngWG and EnvWG, 3) preliminary design typical drawings with enough detail to describe the proposed project features, 4) land ownership investigation, 5) information prepared by the local sponsor and provided to the federal sponsor indicating any oyster leases potentially impacted by the proposed project and a data sheet listing: lease number, lease acreage, lessee name, and other pertinent data, 6) preliminary cultural resources assessment, 7) revised project construction cost estimates based on the current design, and 8) a detailed monitoring plan.

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

(B) Final Design Report

A Final Design Report and a set of plans shall be submitted to the Technical Committee and Planning & Evaluation Subcommittee prior to requesting permission from the Technical Committee (with subsequent approval by the Task Force) to proceed to construction. The Final Design Report shall include: 1) project features and location, 2) a revised project cost estimate (fully-funded, approved by the EcoWG), 3) a description of how the project differs in cost and features since funding approval, 4) final monitoring plan, 5) responses to comments brought up at the Design Review Conference, and 6) all supporting data.

VII. Reporting of Results

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

APPENDIX F

COASTWIDE PROJECT GUIDELINES

1. Coastwide project nominations should include a proven technology that is routinely applied in Louisiana coastal restoration. Demonstration projects will not be considered in the coastwide category.

2. To the greatest extent practicable, coastwide nominations should include a technology that can be applied across the entire coast. Projects that are limited in scope (e.g., applicable in one marsh type within one basin) should not be considered for the coastwide category.

3. Coastwide project nominations should include relatively low-cost restoration techniques that are typically applied on a small scale. When applied in only one location, such projects are often not selected due to their limited scope. However, the opportunity to apply the technique in a coastwide fashion, across multiple project sites, allows greater project consideration. Examples of coastwide project nominations include vegetative plantings, canal backfilling, and sand fencing.

4. The coastwide category should not be viewed as an opportunity to divide a traditional site-specific technique/project into smaller, multi-basin sites simply to allow consideration. Some examples of traditional site-specific techniques include marsh creation, shoreline protection, and hydrologic restoration. Allowance of traditional site-specific techniques into the coastwide category should be discussed by the Regional Planning Team at the time of project nomination.

5. Coastwide nominations can include installment of project features across multiple years. Construction across multiple sites does not have to occur within the same year. This process allows for a project site approval process with the CWPPRA community and application of an adaptive management process.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

UPCOMING 20-YEAR LIFE PROJECTS

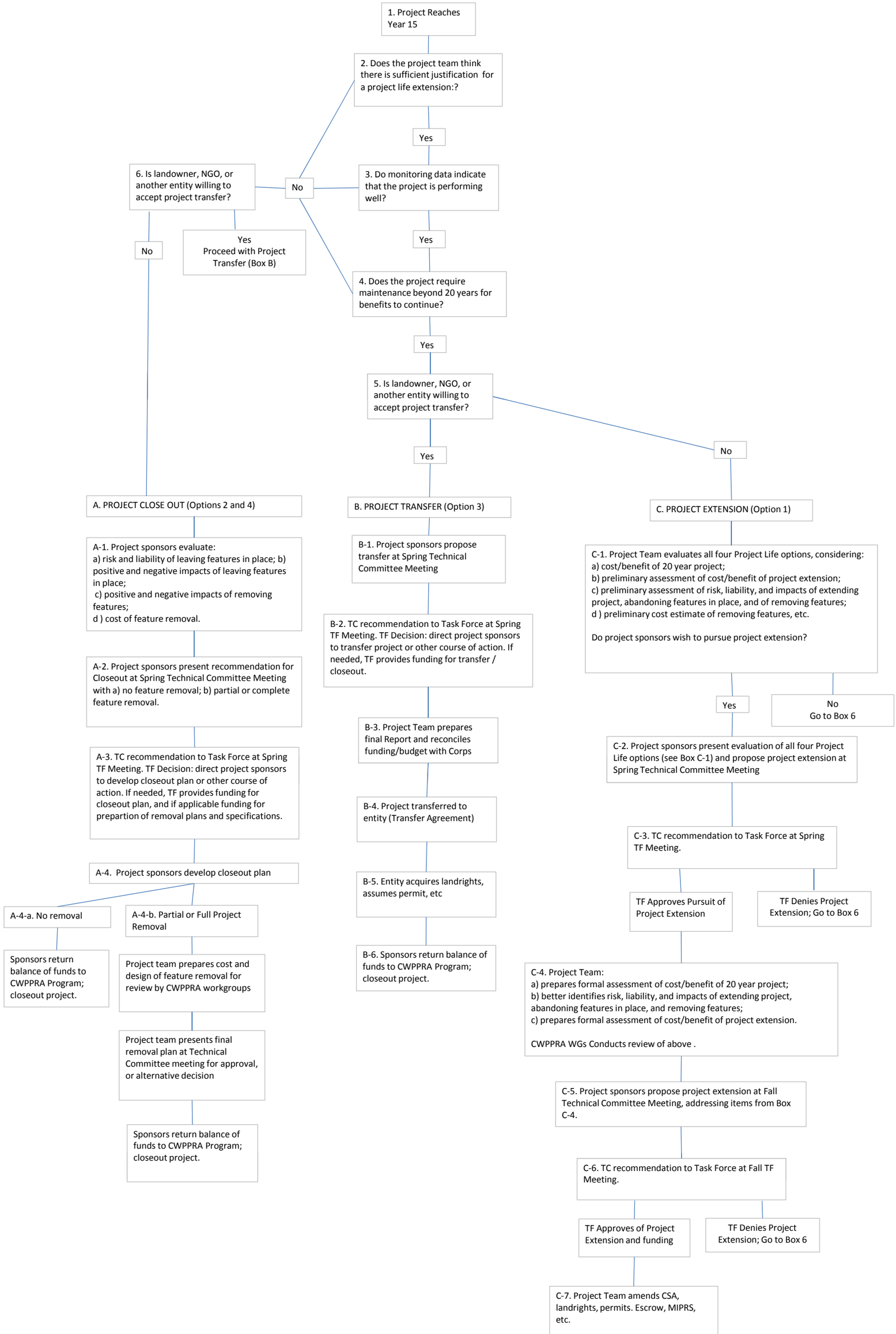
For Report/Decision:

The project sponsor will present recommended path forwards.

Technical Committee Recommendation:

The Task Force will consider the Technical Committee recommendation to continue through the 20-Year Life Decision Matrix for the project extension option with formal evaluations of the following projects' costs and benefits. Decisions on whether to extend the projects will be made after these evaluations.

Project No.	Project Name	Agency	Const. Complete	20YL	Path Forward Recommendation
ME-04	Freshwater Bayou Wetland Protection	NRCS	Mar-95	Mar-15	Formal Evaluation
ME-13	Freshwater Bayou Bank Stabilization	NRCS	Feb-98	Mar-18	Formal Evaluation

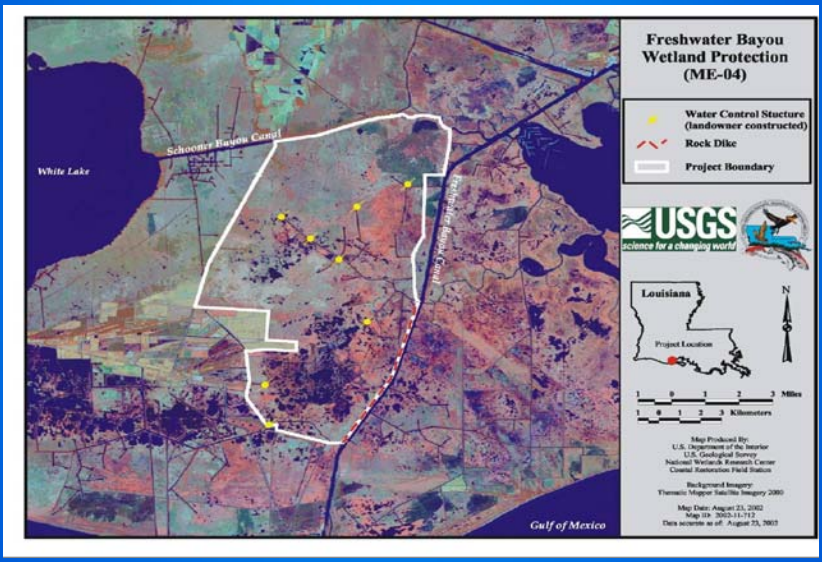

1. Project Reaches Year 15
2. Does the project team think there is sufficient justification for a project life extension:?
Yes
3. Do monitoring data indicate that the project is performing well?
No
6. Is landowner, NGO, or another entity willing to accept project transfer?
Yes
Proceed with Project Transfer (Box B)
No
Yes
4. Does the project require maintenance beyond 20 years for benefits to continue?
Yes
5. Is landowner, NGO, or another entity willing to accept project transfer?
Yes
No
A. PROJECT CLOSE OUT (Options 2 and 4)
A-1. Project sponsors evaluate:
a) risk and liability of leaving features in place; b) positive and negative impacts of leaving features in place;
c) positive and negative impacts of removing features;
d) cost of feature removal.
A-2. Project sponsors present recommendation for Closeout at Spring Technical Committee Meeting with a) no feature removal; b) partial or complete feature removal.
A-3. TC recommendation to Task Force at Spring TF Meeting. TF Decision: direct project sponsors to develop closeout plan or other course of action. If needed, TF provides funding for closeout plan, and if applicable funding for prepartion of removal plans and specifications.
A-4. Project sponsors develop closeout plan
A-4-a. No removal
Sponsors return balance of funds to CWPPRA Program; closeout project.
A-4-b. Partial or Full Project Removal
Project team prepares cost and design of feature removal for review by CWPPRA workgroups
Project team presents final removal plan at Technical Committee meeting for approval, or alternative decision
Sponsors return balance of funds to CWPPRA Program; closeout project.
B. PROJECT TRANSFER (Option 3)
B-1. Project sponsors propose transfer at Spring Technical Committee Meeting
B-2. TC recommendation to Task Force at Spring TF Meeting. TF Decision: direct project sponsors to transfer project or other course of action. If needed, TF provides funding for transfer / closeout.
B-3. Project Team prepares final Report and reconciles funding/budget with Corps
B-4. Project transferred to entity (Transfer Agreement)
B-5. Entity acquires landrights, assumes permit, etc
B-6. Sponsors return balance of funds to CWPPRA Program; closeout project.
C. PROJECT EXTENSION (Option 1)
C-1. Project Team evaluates all four Project Life options, considering:
a) cost/benefit of 20 year project;
b) preliminary assessment of cost/benefit of project extension;
c) preliminary assessment of risk, liability, and impacts of extending project, abandoning features in place, and of removing features;
d) preliminary cost estimate of removing features, etc.
Do project sponsors wish to pursue project extension?
Yes
No
Go to Box 6
C-2. Project sponsors present evaluation of all four Project Life options (see Box C-1) and propose project extension at Spring Technical Committee Meeting
C-3. TC recommendation to Task Force at Spring TF Meeting.
TF Approves Pursuit of Project Extension
TF Denies Project Extension; Go to Box 6
C-4. Project Team:
a) prepares formal assessment of cost/benefit of 20 year project;
b) better identifies risk, liability, and impacts of extending project, abandoning features in place, and removing features;
c) prepares formal assessment of cost/benefit of project extension.
CWPPRA WGs Conducts review of above .
C-5. Project sponsors propose project extension at Fall Technical Committee Meeting, addressing items from Box C-4.
C-6. TC recommendation to Task Force at Fall TF Meeting.
TF Approves of Project Extension and funding
TF Denies Project Extension; Go to Box 6
C-7. Project Team amends CSA, landrights, permits. Escrow, MIPRS, etc.

20-Year Life

ME-04 Freshwater Bayou Wetland Project

October 2014

Plan View of ME-04



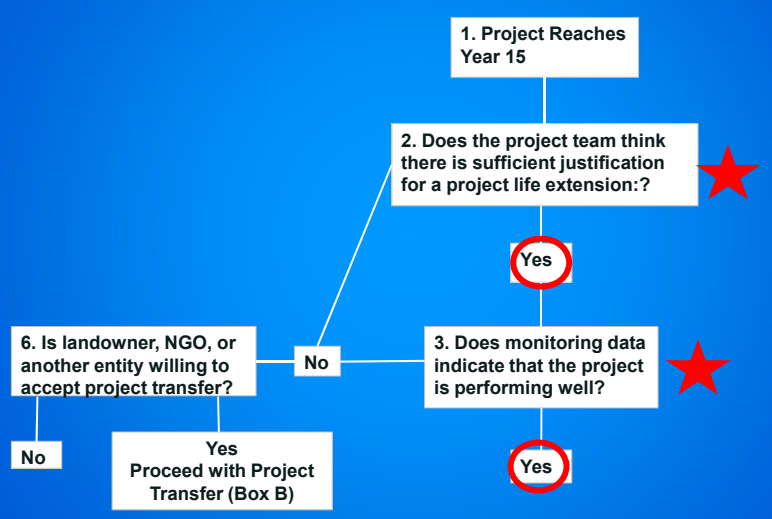
Primary Project Goal
Decrease the rate of bank erosion along the west bank of Freshwater Bayou Canal using a rock breakwater.

Constructed Feature(s)
28,000 linear feet of foreshore dike (approximately 140,000 tons of material salvaged from Wax Lake Outlet Weir)

Construction Date / 20-Year Life Date
March 1995 / March 2015

Maintenance Events
2002: 26,750 tons of 1,000# stone covering 15,263 LF
2005: 21,370 tons of 1,250# stone covering 11,426 LF
2015: 30,740 tons of 1,250# stone covering 23,100 LF

CWPPRA 20-Year Life Decision Matrix (ME-4)



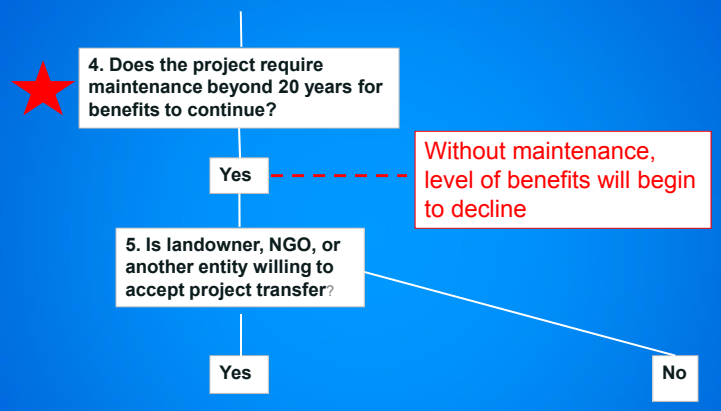
ME-04 Performance

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) Thru 2015	Estimated Net Acres Thru 2015	Cost Thru 2015	Cost/Acre
With Project	-1.6	-1.03	-20.57	75.85	$6,059,652	$79,890
Without Project	-7.5	-4.82	-96.43			

Note: Average cost effectiveness of projects approved for Phase I (PPLs 18-23): $77,071

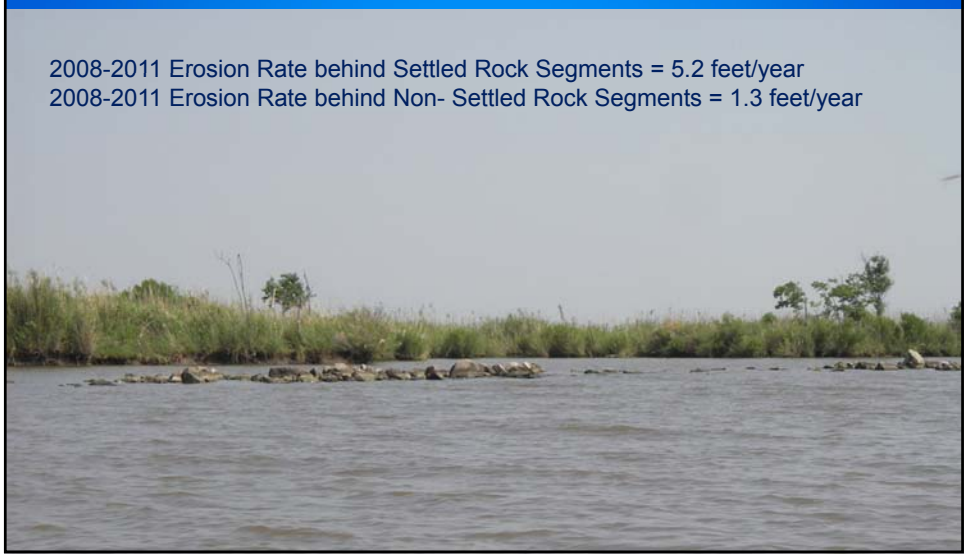
Note: Average cost effectiveness of projects approved for Phase II 2009-2014: $108,132

CWPPRA 20-Year Life Decision Matrix (ME-4) Continued



Rock Dike Settlement

2008-2011 Erosion Rate behind Settled Rock Segments = 5.2 feet/year
2008-2011 Erosion Rate behind Non- Settled Rock Segments = 1.3 feet/year



CWPPRA 20-Year Life Decision Matrix (ME-4) Continued

4. Does the project require maintenance beyond 20 years for benefits to continue?

Yes

5. Is landowner, NGO, or another entity willing to accept project transfer?

Yes

No

CWPPRA 20-Year Life Decision Matrix (ME-4) Continued

C. PROJECT EXTENSION (Option 1)

C-1. Project Team evaluates all four Project Life options, considering:
a) cost/benefit of 20 year project;
b) preliminary assessment of cost/benefit of project extension;
c) preliminary assessment of risk, liability, and impacts of extending project, abandoning features in place, and of removing features;
d) preliminary cost estimate of removing features, etc.

Do project sponsors wish to pursue project extension?

Yes

No
Go to Box 6

a) cost/benefit of 20 year project;

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) Thru 2015	Estimated Net Acres Thru 2015	Cost Thru 2015	Cost/Acre
With Project	-1.6	-1.03	-20.57	75.8	$6,059,652	$79,890
Without Project	-7.5	-4.82	-96.43			

Cost/benefit of 20 year project is the same for all four Project Life Options ;

b) preliminary assessment of cost/benefit of project extension;

Project Extension vs Project Removal

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) Years 21-40	Estimated Net Acres Years 21-40	Cost Thru Year 40	Cost/Acre
With Project Extension	-1.6	-1.03	-20.57	75.85 Versus Project Removal	$3,546,000	$46,750
Without Project (i.e. Project Removal)	-7.5	-4.82	-96.43			

b) preliminary assessment of cost/benefit of project extension;

Project Close Out without Removal vs Project Removal

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) Years 21-40	Estimated Net Acres Years 21-40	Cost Thru 2015	Cost/Acre
With Project (Closeout w/o Removal)	--3.1	-1.96	-39.47	56.95 Versus Project Removal	$50,000	$878
(Yrs 21-26: -1.6 ft/yr Yrs 27-31: -1.9 ft/yr Yrs 32-40: 4.7 ft/yr)						
Without Project(i.e. Project Removal)	-7.5	-4.82	-96.43			

b) preliminary assessment of cost/benefit of project extension;

Project Extension vs Project Close Out without Removal

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) Years 21-40	Estimated Net Acres Years 21-40	Cost Thru Year 40	Cost/Acre
With Project Extension	-1.6	-1.03	-20.57	18.76	$3,546,000	$189,019
Without Project (i.e. Closeout without Removal) (Yrs 21-26: -1.6 ft/yr Yrs 27-31: -1.9 ft/yr Yrs 32-40: 4.7 ft/yr)	-3.1	-1.96	-39.33			

Consider ME-4 as a 40-year project instead of just evaluating the next 20 Years

With Additional Maintenance

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) 40 Years	Estimated Net Acres Years 0-40	Total Cost Years 0- 40	Cost/Acre
With Continued Maintenance	-1.6	-1.03	-41.14	151.7	$9,605,652	$63,320
Without Project	-7.5	-4.82	-192.84			

Without Additional Maintenance

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) 40 Years	Estimated Net Acres Years 21-40	Total Cost Years 0- 40	Cost/Acre
Without Continued Maintenance	--2.0	-1.5	-60.04	132.8	$6,109,652	$46,006
(Yrs 0-26: -1.6 ft/yr Yrs 27-31: -1.9 ft/yr Yrs 32-40: -4.7 ft/yr)***						
Without Project	-7.5	-4.82	-192.84			

CWPPRA Cost Effectiveness 2009-2014

Projects	Cost/ Net Acre
PPL18 Average	46,822
PPL19 Average	88,656
PPL20 Average	50,682
PPL21 Average	60,622
PPL22 Average	89,578
PPL23 Average	132,661
OVERALL AVG PPL18-23	77,071
2009 Phase II Approvals Average	120,303
2010 Phase II Approvals Average	140,462
2011 Phase II Approvals Average	206,094
2012 Phase II Approvals Average	70,429
2013 Phase II Approvals Average	67,618
2014 Phase II Approvals Average	54,646
OVERALL AVG PHASE II APPROVALS 2009-2014	108,132

d) preliminary cost estimate of removing features, etc.

$13,398,166

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) Years 21-40			
Without Project	-7.5	-4.82	-96.43			

Total Expenditure of $19.4 M

Loss rate resumes pre-project level

By Year 40, the land preserved through Year 20 is gone, plus an additional 20 acres

c) preliminary assessment of risk, liability, and impacts of extending project, abandoning features in place, and of removing features;

	Option 1 Project Extension (Year 21-Year 40)	Option 2 Project Closeout Without Removal	Option 3 Project Transfer (Note: No entity identified)	Option 4 Project Closeout With Removal
"Pros"	• Benefits continue • Navigation hazards / risks remain at about current level	• Benefits continue at reduced rate • Almost no cost to CWPPRA	• Relieves CWPPRA of responsibility • Almost no cost to CWPPRA	• Navigation hazards / risks removed, except for occasional remnant rock • Relieves CWPPRA of responsibility / liability, except for remnant rock
"Cons"	• CWPPRA retains responsibility / liability	• Navigation hazards / risks increase greatly over time • CWPPRA retains current liability, but with increased risks • Benefits reduced to very little by Year 40	• Benefits unknown • Navigation hazards / risks could increase over time. • CWPPRA retains some level of liability	• Total Expenditure of $19.4 M • Loss rate resumes pre-project level • By Year 40 the land preserved through Year 20 is gone, plus an additional 10 acres • Some remnant rock may remain

CWPPRA 20-Year Life Decision Matrix (ME-4) Continued

C. PROJECT EXTENSION (Option 1)

C-1. Project Team evaluates all four Project Life options, considering:
a) cost/benefit of 20 year project;
b) preliminary assessment of cost/benefit of project extension;
c) preliminary assessment of risk, liability, and impacts of extending project, abandoning features in place, and of removing features;
d) preliminary cost estimate of removing features, etc.

Do project sponsors wish to pursue project extension?

Yes

No
Go to Box 6

CWPPRA 20-Year Life Decision Matrix (ME-4) Continued

C-2. Project sponsors present evaluation of all four Project Life options (see Box C-1) and propose project extension at Spring Technical Committee Meeting

C-3. TC recommendation to Task Force at Spring TF Meeting.

TF Approves Pursuit of Project Extension

TF Denies Project Extension; Go to Box 6

NRCS and CPRA propose to continue through the Matrix to *Box C-4* (formal assessments, including Work Group reviews).

CWPPRA 20-Year Life Decision Matrix (ME-4) Continued

C-4. Project Team:
a) prepares formal assessment of cost/benefit of 20 year project;
b) better identifies risk, liability, and impacts of extending project, abandoning features in place, and removing features;
c) prepares formal assessment of cost/benefit of project extension.

CWPPRA WGs Conducts review of above .

20-YEAR LIFE INFORMATION PACKAGE
August 20, 2014

Project Name
Freshwater Bayou Wetland (ME-04)

Project Sponsors
Natural Resources Conservation Service (NRCS) and State of Louisiana / Coastal Protection and Restoration Authority (CPRA)

Project Location
Mermentau Basin, Vermilion Parish, west bank of Freshwater Bayou Canal (see map)

Primary Project Goal
Decrease the rate of bank erosion along the west bank of Freshwater Bayou Canal using a rock breakwater.

Constructed Feature(s)
28,000 linear feet of foreshore dike (approximately 140,000 tons of material salvaged from Wax Lake Outlet Weir)

Construction Date / 20-Year Life Date
March 1995 / March 2015

Maintenance Events
2002: 26,750 tons of 1,000# stone covering 15,263 LF
2005: 21,370 tons of 1,250# stone covering 11,426 LF
2015: 30,740 tons of 1,250# stone covering 23,100 LF

Current Fully Funded Cost
$6,035,584

20-Year Life Decision Matrix

Matrix Box 1: Project Reaches Year 15

Project reached Year 15 in 2010.

Matrix Box 2: Does the project team think there is sufficient justification for a project life extension?

Decision: Yes. For the period 1998-2014, the erosion rate is 1.6 feet/year in the project area and 7.5 feet in the reference area.

Project Benefits Through Year 20 Based on Monitoring Data: 75.85 Net Acres
Cost Effectiveness: $79,890 per net acre

Note: Project effectiveness estimates for projects approved 2009-2014: $89,192

Note: Project effectiveness estimates for projects approved 2004-2008: $85,651

Matrix Box 3: Does monitoring data indicate that the project is performing well?

Decision: Yes. See information for Matrix Box 2 above.

Matrix Box 4: Does the project require maintenance beyond 20 years for benefits to continue?

Decision: Yes. For the period 1998-2014, in areas where the rock has not settled, the erosion rate is 1.2 feet year; in areas where the rock has settled, the erosion rate is 1.9 feet per year. Without maintenance, the rock will continue to settle and the erosion rate will continue to increase to estimated rate of 4.7 feet by 2024.

Matrix Box 5. Is landowner, NGO, or another entity willing to accept project transfer?

No entity has indicated a willingness to accept a project transfer.

Matrix Box C-1. C-1. Project Team evaluates all four Project Life options, considering:
a) cost/benefit of 20 year project;
b) preliminary assessment of cost/benefit of project extension;
c) preliminary assessment of risk, liability, and impacts of extending project, abandoning features in place, and of removing features;
d) preliminary cost estimate of removing features, etc.
Do project sponsors wish to pursue project extension?

See Table 1 for preliminary evaluation results.

NRCS and CPRA propose to continue through *Matrix Box C-2* (present preliminary evaluation at Technical Committee Meeting), *Matrix Box C-3* (present preliminary evaluation at Task Force Meeting), and *Matrix Box C-4* (formal assessments, including Work Group reviews).

	Option 1 Project Extension (Year 21-Year 40)	Option 2 Project Closeout Without Removal	Option 3 Project Transfer (Note: No entity identified)	Option 4 Project Closeout With Removal
Cost to CWPPRA	$3,546,000	$50,000	$50,000	$13,398,166
Benefits (net acres)	75.85 (versus Removal)	56.95 (versus Removal)	Unknown	-96.43
Cost Effectiveness ($/acre)	$46,750	$878		Negative Impact
"Pros"	• Benefits continue • Navigation hazards / risks remain at about current level	• Benefits continue at reduced rate • Almost no cost to CWPPRA	• Relieves CWPPRA of maintenance responsibility • Almost no cost to CWPPRA	• Navigation hazards / risks removed, except for remnant rock • Relieves CWPPRA of responsibility / liability, except for remnant rock
"Cons"	• CWPPRA retains responsibility / liability • Landrights agreement(s) would need to be extended	• Navigation hazards / risks increase greatly over time • CWPPRA retains current liability, but with increased risks • Benefits reduced to very little by Year 40	• Benefits unknown • Navigation hazards / risks could increase over time. • CWPPRA retains some level of liability	• Total Expenditure of $19.4 M • Loss rate resumes pre-project level • By Year 40 the land preserved through Year 20 is gone, plus an additional 21 acres • Some remnant rock may remain • Permit to remove may require mitigation for wetland loss induced.

February 2008 (rev)
Cost figures as of: August 2014

Freshwater Bayou Wetland Protection (ME-04)

Project Status

Approved Date: 1992 **Project Area:** 14,381 acres
Approved Funds: $6.05 M **Total Est. Cost:** $6.03 M
Net Benefit After 20 Years: 1,593 acres
Status: Completed June 1998
Project Type: Hydrologic Restoration and Shoreline Protection
PPL #: 2

Location

The project is located on the west bank of the Freshwater Bayou Canal, approximately 8 miles northeast of Pecan Island, Louisiana. It encompasses 36,928 acres of intermediate marsh and open water in Vermilion Parish.

Problems

Boat wake-induced shoreline erosion, which averaged 12.5 feet per year along each bank of Freshwater Bayou Canal, has deteriorated the spoil banks along the canal, creating multiple breaches that allow tidal erosion of the organic soils in the adjacent wetlands.

Between 1968 and 1990, the bank width of this navigation canal increased threefold (from 172 feet to 583 feet), resulting in the loss of 1,124 acres of coastal wetlands.

Restoration Strategy

Approximately 28,000 linear feet of freestanding, continuous rock dike were built along the west bank of Freshwater Bayou Canal. The USDA Natural Resources Conservation Service and Louisiana Department of Natural Resources worked with the landowner to develop other preservation features in the area. The landowner installed several other structures that were not funded by CWPPRA but will complement CWPPRA project features.

Project effectiveness is being determined by monitoring vegetation, water quality, and changes in vegetated and non-vegetated areas in the project area with aerial photography taken before and after construction. In addition, shoreline change is being measured by comparing pre-construction and post-construction shoreline surveys.

This continuous rock dike will drastically reduce boat wake-induced shoreline erosion.

Progress to Date

Shoreline surveys taken 1 year after construction show that while reference area sites *eroded* at a rate of 9.00 feet per year, the project area *built* land at an average rate of 1.53 feet per year. These data indicate that the rock dike has successfully prevented or significantly reduced erosion of the protected segment of canal bank for the year following construction.

In both the project area and the reference area, monthly mean post-construction salinities were higher at all stations than pre-construction salinities, but project area salinities generally remained within the target range of zero to five parts per thousand. Higher salinities in the post-construction period could be a result of drought and tropical storm activity.

Control of the water level within the project area is being compromised by breeches in the spoil banks along the Freshwater Bayou Canal adjacent to the rock dike. The first post-construction survey of emergent vegetation took place in October 2001, and the data are still under analysis.

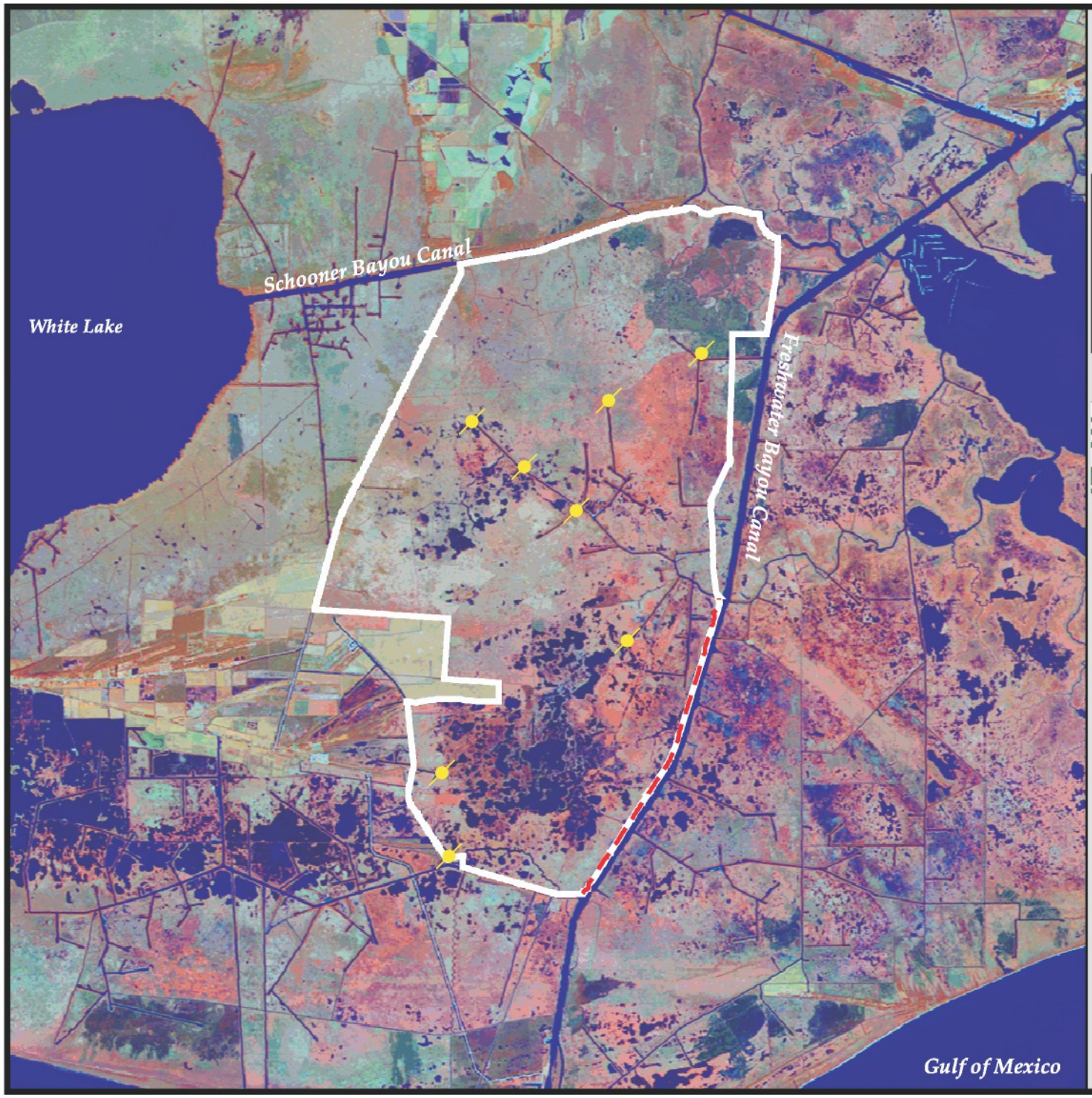
Maintenance surveys of the rock dike were completed in February 1998 and May 2001. Maintenance of the rock dike is currently being implemented.

The 2003 OM&M report concluded that the ME-04 rock dike along the Freshwater Bayou Canal adjacent to CTU1 has worked quite will to reduce erosion along this shoreline, but since the structure is water permeable, it does very little to prevent tidal exchange during high tides and storm surges. This project is on Priority Project List 2.

For more project information, please contact:

Federal Sponsor:
Natural Resources Conservation Service
Alexandria, LA
(318) 473-7756

Local Sponsor:
Coastal Protection and Restoration Authority
Baton Rouge, LA
(225) 342-4736



Freshwater Bayou Wetland Protection (ME-04)

Water Control Stucture (landowner constructed)

Rock Dike

Project Boundary

USGS
science for a changing world

N

1 0 1 2 3 Miles

1 0 1 2 3 Kilometers

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

Background Imagery:
Thematic Mapper Satellite Imagery 2000

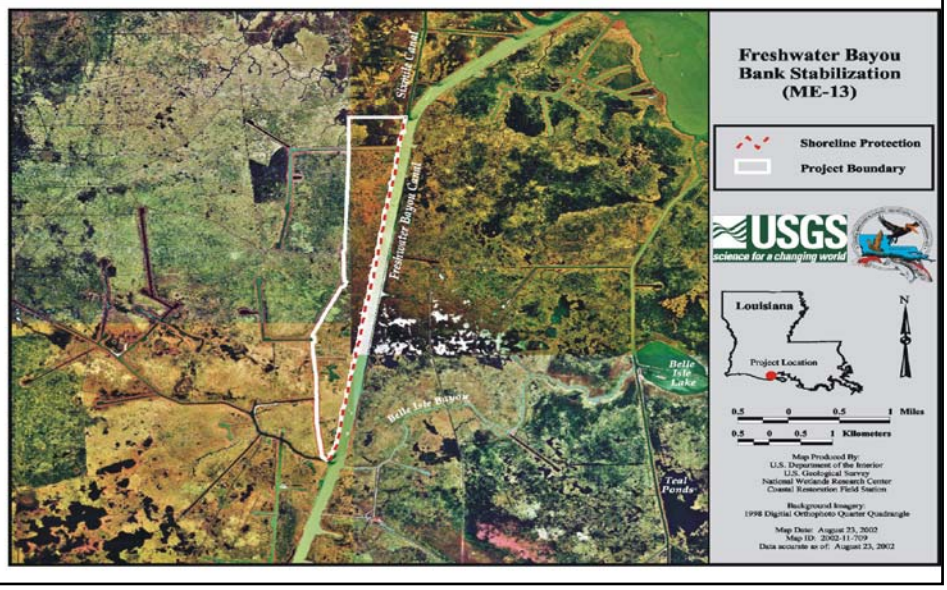
Map Date: August 23, 2002
Map ID: 2002-11-712
Data accurate as of: August 23, 2002

20-Year Life

ME-13 Freshwater Bayou Bank Stabilization Project

October 2014

Plan View of ME-13



Primary Project Goal
Decrease the rate of bank erosion along the west bank of Freshwater Bayou Canal using a rock breakwater.

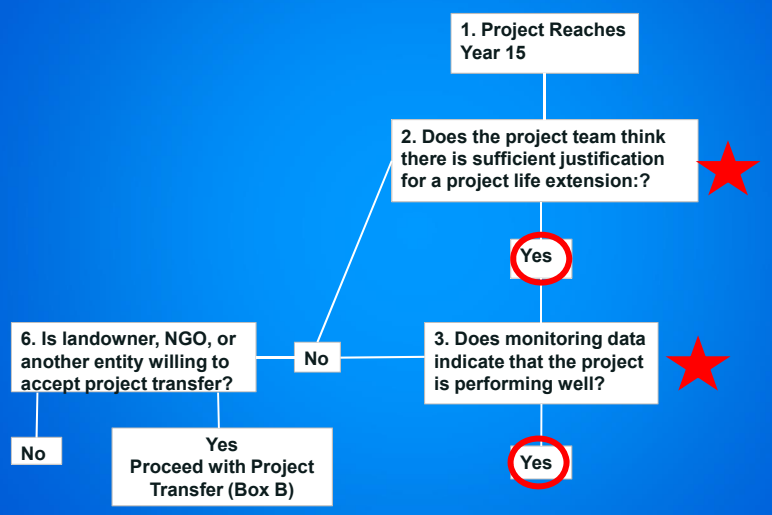
Decrease the rate of marsh loss

Constructed Feature(s)
23,193 linear feet of foreshore dike

Construction Date / 20-Year Life Date
June 1998 / June 2018

Maintenance Events
2005 – 21,000 tons of 1,250# stone covering 9,130 LF
2015 – 39,400 tons of 1,250# stone covering 21,943 LF

CWPPRA 20-Year Life Decision Matrix (ME-13)



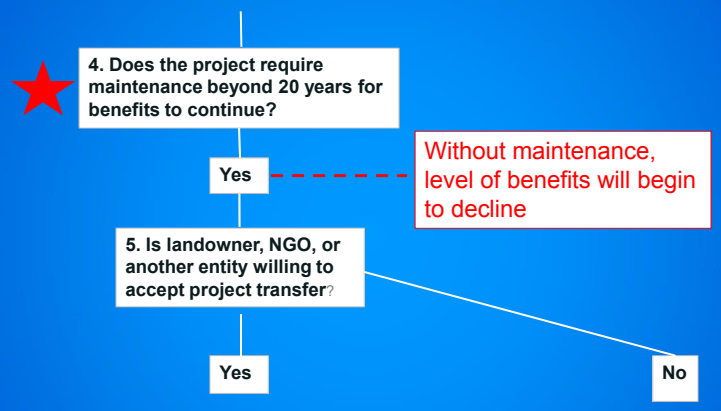
ME-13 Performance

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) Thru 2018	Estimated Net Acres Thru 2018	Cost Thru 2018	Cost/Acre
With Project	-0.6	-0.32	-6.4	86.25	$5,609,584	$65,039
Without Project	-8.7	-4.63	-92.64			

Note: Project effectiveness of projects approved 2009-2014: $89,192

Note: Project effectiveness of projects approved 2004-2008: $85,651

CWPPRA 20-Year Life Decision Matrix (ME-13) Continued



Rock Dike Settlement

2009-2014 Erosion Rate behind Settled Rock Segments = 3.5 feet/year
2009-2014 Erosion Rate behind Non- Settled Rock Segments = 0.6 feet/year

CWPPRA 20-Year Life Decision Matrix (ME-13) Continued

4. Does the project require maintenance beyond 20 years for benefits to continue?

Yes

5. Is landowner, NGO, or another entity willing to accept project transfer?

Yes

No

CWPPRA 20-Year Life Decision Matrix (ME-13) Continued

C. PROJECT EXTENSION (Option 1)

C-1. Project Team evaluates all four Project Life options, considering:
a) cost/benefit of 20 year project;
b) preliminary assessment of cost/benefit of project extension;
c) preliminary assessment of risk, liability, and impacts of extending project, abandoning features in place, and of removing features;
d) preliminary cost estimate of removing features, etc.

Do project sponsors wish to pursue project extension?

Yes

No
Go to Box 6

a) cost/benefit of 20 year project;

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) Thru 2018	Estimated Net Acres Thru 2018	Cost Thru 2018	Cost/Acre
With Project	-0.6	-0.32	-6.4	86.25	$5,609,584	$65,039
Without Project	-8.7	-4.63	-92.64	Versus Project Removal		

Cost/benefit of 20 year project is the same for all four Project Life Options ;

b) preliminary assessment of cost/benefit of project extension;

Project Extension vs Project Removal

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) Years 21-40	Estimated Net Acres Years 21-40	Cost Thru Year 40	Cost/Acre
With Project Extension	-0.6	-0.32	-6.4	86.25	$3,091,800	$35,847
Without Project (i.e. Project Removal)	-8.7	-4.63	-92.64	Versus Project Removal		

b) preliminary assessment of cost/benefit of project extension;

Project Close Out without Removal vs Project Removal

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) Years 21-40	Estimated Net Acres Years 21-40	Cost Thru 2015	Cost/Acre
With Project (Closeout w/o Removal)	-3.5	-1.88	-37.6	55.1	$50,000	$907
(Yrs 21-23: -.6 ft/yr Yrs 24-28: -1.5 ft/yr Yrs 29-40: -.1 ft/yr)				Versus Project Removal		
Without Project(i.e. Project Removal)	-8.7	-4.63	-92.64			

b) preliminary assessment of cost/benefit of project extension;

Project Extension vs Project Close Out without Removal

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) Years 21-40	Estimated Net Acres Years 21-40	Cost Thru Year 40	Cost/Acre
With Project Extension	-0.6	-0.32	-6.4	31.2	$3,091,800	$189,019
Without Project (i.e. Closeout without Removal) (Yrs 21-23: -.6 ft/yr Yrs 24-28: -1.5 ft/yr Yrs 29-40: -.1 ft/yr)	-3.5	-1.88	-37.6			

Consider ME-13 as a 40-year project instead of just evaluating the next 20 Years

With Additional Maintenance

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) 40 Years	Estimated Net Acres Years 0-40	Cost Thru Year 40	Cost/Acre
With Project Extension	-0.6	-0.32	-12.8	172.48	$8,701,384	$50,549
Without Project	-8.7	-4.63	-185.28			

Without Additional Maintenance

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) 40 Years	Estimated Net Acres Years 0-40	Cost Thru Year 40	Cost/Acre
Without Continued Maintenance (Yrs 21-23: -.6 ft/yr Yrs 24-28: -1.5 ft/yr Yrs 29-40: -.1 ft/yr)	-3.5	-1.88	-75.2	110	$5,659,584	$51,450
Without Project	-8.7	-4.63	-185.2			

CWPPRA Cost Effectiveness 2009-2014

Projects	Cost/ Net Acre
PPL18 Average	46,822
PPL19 Average	88,656
PPL20 Average	50,682
PPL21 Average	60,622
PPL22 Average	89,578
PPL23 Average	132,661
OVERALL AVG PPL18-23	77,071
2009 Phase II Approvals Average	120,303
2010 Phase II Approvals Average	140,462
2011 Phase II Approvals Average	206,094
2012 Phase II Approvals Average	70,429
2013 Phase II Approvals Average	67,618
2014 Phase II Approvals Average	54,646
OVERALL AVG PHASE II APPROVALS 2009-2014	108,132

d) preliminary cost estimate of removing features, etc.

$13,572,264

	Bankline Change Rate Feet/Year	Bankline Change Rate Acres/Year	Estimated Loss (Acres) Years 21-40			
Without Project	-8.7	-4.63	-92.64			

Total Expenditure of $19.2 M

Loss rate resumes pre-project level

By Year 40, the land preserved through Year 20 is gone, plus an additional 6 acres

c) preliminary assessment of risk, liability, and impacts of extending project, abandoning features in place, and of removing features;

	Option 1 Project Extension (Year 21-Year 40)	Option 2 Project Closeout Without Removal	Option 3 Project Transfer (Note: No entity identified)	Option 4 Project Closeout With Removal
"Pros"	• Benefits continue • Navigation hazards / risks remain at about current level	• Benefits continue at reduced rate • Almost no cost to CWPPRA	• Relieves CWPPRA of responsibility • Almost no cost to CWPPRA	• Navigation hazards / risks removed, except for occasional remnant rock • Relieves CWPPRA of responsibility / liability, except for remnant rock
"Cons"	• CWPPRA retains responsibility / liability	• Navigation hazards / risks increase greatly over time • CWPPRA retains current liability, but with increased risks • Benefits reduced to very little by Year 40	• Benefits unknown • Navigation hazards / risks could increase over time. • CWPPRA retains some level of liability	• Total Expenditure of $19.2 M • Loss rate resumes pre-project level • By Year 40 the land preserved through Year 20 is gone, plus an additional 6 acres • Some remnant rock may remain

CWPPRA 20-Year Life Decision Matrix (ME-4) Continued

C. PROJECT EXTENSION (Option 1)

C-1. Project Team evaluates all four Project Life options, considering:
a) cost/benefit of 20 year project;
b) preliminary assessment of cost/benefit of project extension;
c) preliminary assessment of risk, liability, and impacts of extending project, abandoning features in place, and of removing features;
d) preliminary cost estimate of removing features, etc.

Do project sponsors wish to pursue project extension?

Yes

No
Go to Box 6

CWPPRA 20-Year Life Decision Matrix (ME-4) Continued

C-2. Project sponsors present evaluation of all four Project Life options (see Box C-1) and propose project extension at Spring Technical Committee Meeting

C-3. TC recommendation to Task Force at Spring TF Meeting.

TF Approves Pursuit of Project Extension

TF Denies Project Extension; Go to Box 6

NRCS and CPRA propose to continue through the Matrix to *Box C-4* (formal assessments, including Work Group reviews).

CWPPRA 20-Year Life Decision Matrix (ME-4) Continued

C-4. Project Team:
a) prepares formal assessment of cost/benefit of 20 year project;
b) better identifies risk, liability, and impacts of extending project, abandoning features in place, and removing features;
c) prepares formal assessment of cost/benefit of project extension.

CWPPRA WGs Conducts review of above .

20-YEAR LIFE INFORMATION PACKAGE
August 20, 2014

Project Name
Freshwater Bayou Bank Stabilization Project (ME-13)

Project Sponsors
Natural Resources Conservation Service (NRCS) and State of Louisiana / Coastal Protection and Restoration Authority (CPRA)

Project Location
Mermentau Basin, Vermilion Parish, west bank of Freshwater Bayou Canal (see map)

Primary Project Goal
Decrease the rate of bank erosion along the west bank of Freshwater Bayou Canal using a rock breakwater

Constructed Feature(s)
23,193 linear feet of foreshore dike (approximately 85,000 tons)

Construction Date / 20-Year Life Date
March 1998 / March 2018

Maintenance Events
2005: 21,000 tons of 1,250# stone covering 9,130 LF
2015: 39,400 tons of 1,250# stone covering 21,943 LF

Current Fully Funded Cost
$5,609,584

20-Year Life Decision Matrix

Matrix Box 1: Project Reaches Year 15

Project reached Year 15 in 2013.

Matrix Box 2: Does the project team think there is sufficient justification for a project life extension?

Decision: Yes. For the period 1998-2014, the erosion rate is 0.6 feet/year in the project area and 8.7 feet in the reference area.

Project Benefits Through Year 20 Based on Monitoring Data: 86.25 Net Acres
Cost Effectiveness: $65,039 per net acre

Note: Project effectiveness estimates for projects approved 2009-2014: $89,192
Note: Project effectiveness estimates for projects approved 2004-2008: $85,651

Matrix Box 3: *Does monitoring data indicate that the project is performing well?*

Decision: Yes. See information for Matrix Box 2 above.

Matrix Box 4: *Does the project require maintenance beyond 20 years for benefits to continue?*

Decision: Yes. For the period 1998-2014, in areas where the rock has not settled, there has been land gain of 0.3 feet year; in areas where the rock has settled, the erosion rate is 1.5 feet per year. Without maintenance, the rock will continue to settle and the erosion rate will continue to increase to an estimated rate of 5.1 feet by 2027.

Matrix Box 5. *Is landowner, NGO, or another entity willing to accept project transfer?*

No entity has indicated a willingness to accept a project transfer.

Matrix Box C-1. *C-1. Project Team evaluates all four Project Life options, considering:*
a) cost/benefit of 20 year project;
b) preliminary assessment of cost/benefit of project extension;
c) preliminary assessment of risk, liability, and impacts of extending project, abandoning features in place, and of removing features;
d) preliminary cost estimate of removing features, etc.
Do project sponsors wish to pursue project extension?

See Table 1 for preliminary evaluation results.

NRCS and CPRA propose to continue through *Matrix Box C-2* (present preliminary evaluation at Technical Committee Meeting), *Matrix Box C-3* (present preliminary evaluation at Task Force Meeting), and *Matrix Box C-4* (formal assessments, including Work Group reviews).

	Option 1 Project Extension (Year 21-Year 40)	Option 2 Project Closeout Without Removal	Option 3 Project Transfer (Note: No entity identified)	Option 4 Project Closeout With Removal
Cost to CWPPRA	$3,091,800	$50,000	$50,000	$13,572,264
Benefits (net acres)	86.25 (versus Removal)	55.10 (versus Removal)	Unknown	-92.64
Cost Effectiveness ($/acre)	$35,847	$907		Negative Impact
"Pros"	• Benefits continue • Navigation hazards / risks remain at about current level	• Benefits continue at reduced rate • Almost no cost to CWPPRA	• Relieves CWPPRA of maintenance responsibility • Almost no cost to CWPPRA	• Navigation hazards / risks removed, except for remnant rock • Relieves CWPPRA of responsibility / liability, except for remnant rock
"Cons"	• CWPPRA retains responsibility / liability • Landrights agreement(s) would need to be extended	• Navigation hazards / risks increase greatly over time • CWPPRA retains current liability, but with increased risks • Benefits reduced to very little by Year 40	• Benefits unknown • Navigation hazards / risks could increase over time. • CWPPRA retains some level of liability	• Total Expenditure of $ 19.2M • Loss rate resumes pre-project level • By Year 40 the land preserved through Year 20 is gone, plus an additional 6 acres • Some remnant rock may remain • Permit to remove feature may require mitigation for wetland loss induced.

rev. February 2008
Cost figures as of: August 2014

Freshwater Bayou Bank Stabilization (ME-13)

Project Status

Approved Date: 1996 **Project Area:** 1,724 acres
Approved Funds: $5.60 M **Total Est. Cost:** $5.60 M
Net Benefit After 20 Years: 511 acres
Status: Completed June 1998
Project Type: Shoreline Protection
PPL #: 5

Location

This project is located along the west bank of Freshwater Bayou Canal near Little Vermilion Bay, 4 miles southwest of Intracoastal City, Louisiana, in Vermilion Parish. It extends north from North Prong and Belle Isle Bayou to Sixmile Canal.

Problems

Increased tidal action, saltwater intrusion, and boat wakes have accelerated erosion along the banks of the Freshwater Bayou Canal.

The spoil banks have completely eroded in some areas. The remaining spoil banks along the southern reach of the project area separate Freshwater Bayou Canal from several interior marsh ponds. If the banks breach, shoreline erosion will accelerate interior marsh loss.

Restoration Strategy

The objective of this project was to prevent further wetland loss through the reduction of bank erosion and subsequent tidal scour of shoreline marshes.

Approximately 23,193 linear feet of freestanding rock dike were constructed in shallow water along the west bank of Freshwater Bayou Canal (from its confluence with Sixmile Canal on the northern end and North Prong to the south).

By placing riprap in front of the existing shoreline, further wetland loss will be decreased dramatically. It is anticipated that open water areas behind the rock structure will accumulate sediments and eventually become vegetated.

Progress to Date

The local cost share for this project was provided by Acadian Gas Company. Construction began in March 1998 and was completed in May 1998. The monitoring plan was approved in February 1997. To date, monitoring has consisted of documenting the pre-construction shoreline position relative to the rock dike and a land-to-water analysis of the pre-construction aerial photography that was taken in January 1997. This project is on Priority Project List 5.

For more project information, please contact:

Federal Sponsor:
Natural Resources Conservation Service
Alexandria, LA
(318) 473-7756

Local Sponsor:
Coastal Protection and Restoration Authority
Baton Rouge, LA
(225) 342-4736

Freshwater Bayou Bank Stabilization (ME-13)

Shoreline Protection

Project Boundary

N

0.5 0 0.5 1 Miles

0.5 0 0.5 1 Kilometers

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

Background Imagery:
1998 Digitial Orthophoto Quarter Quadrangle

Map Date: August 23, 2002
Map ID: 2002-11-709
Data accurate as of: August 23, 2002

20-YEAR LIFE INFORMATION PACKAGE

August 20, 2014

Project Name
Boston Canal/Vermilion Bay Bank Protection Project (TV-09)

Project Sponsors
Natural Resources Conservation Service (NRCS) and State of Louisiana / Coastal Protection and Restoration Authority (CPRA)

Project Location
Teche/Vermilion Basin, Vermilion Parish, North shoreline of Vermilion Bay (see map)

Primary Project Goals
1) Decrease the rate of shoreline erosion at the intersection of the Boston Canal and Vermilion Bay and subsequent wetland degradation.
2) Decrease the rate of shoreline erosion and maintain the integrity of approximately 466 acres of shoreline and interior marsh on the northern edge of Vermilion Bay.

Constructed Feature(s)
1) Approximately 34,090 vegetation plantings (*Spartina alterniflora*) along 13.25 miles of the northern shoreline of Vermilion Bay bounded on the west by Mud Point and on the east by Oaks Canal [Nov 1995].
2) 1,405 linear feet of foreshore rock dikes constructed parallel to both banks of Boston Canal, extending into Vermilion Bay and then turning 90^0 and tying in to the existing shoreline [Dec 1994].
3) Sediment fences were installed behind each rock dike to trap material during times of over wash [Dec 1994].

Construction Date / 20-Year Life Date
November 1995 / November 2015

Maintenance Events
2002: Removal of sediment fences behind each rock dike (no cost).

Current Fully Funded Cost
$1,043,748.21

20-Year Life Decision Matrix

<u>Matrix Box 1:</u> Project Reaches Year 15

Project reached Year 15 in 2010.

<u>Matrix Box 2:</u> Does the project team think there is sufficient justification for a project life extension?

Decision: Yes, however project extension is not being pursued.
The rock dikes are stable and have subsided approximately 0.5’ to their current crest elevation of

3.2' which continues to provide effective protection to adjacent marshes. Sediment continues to accrete behind the dikes and approximately 90% of former open water areas are now emergent marsh and naturally vegetated. The vegetative plantings along the shoreline are now indistinguishable from original plant sites and natural succession of native vegetation. Benefits are expected to gradually decline as the rock dikes slowly subside and the bay shoreline naturally recedes due to wave action and storm impacts.

Matrix Box 3: Does monitoring data indicate that the project is performing well?

Decision: Yes.
The 2012 CPRA Annual Inspection Report states the rock dikes are in excellent condition and functioning as intended. Although not mapped, CPRA reports "the shoreline areas behind the dikes were completely protected and have continued to accumulate sediment". CPRA's 2009 OM&M Report states "data collection on vegetation is complete as per the 1999 vegetation survey because individual plants in the plots were indistinguishable". Shoreline mapping occurred in post-construction years 1998, 2001, 2004, and 2008 and indicated total average losses of only 2.2 ft/yr. The reference shoreline area was inadvertently planted by a landowner and therefore found not to be valid in regards to comparing shoreline loss rates. During the period of record, three severe storms (Hurricanes Lily, Rita, & Ike) occurred which produced a storm surge that caused extensive damage to the coast. In their 2009 report, CPRA states "considering that the monitoring results from the first monitoring interval showed accretion occurred along some sections of shoreline and a net gain in acreage was achieved, it is highly probable that the wave energy from the storms produced erosion and resulting net loss in the following interval".

Matrix Box 4: Does the project require maintenance beyond 20 years for benefits to continue?

Decision: No.
Refer to the information in Matrix Box 2 above. Although benefits are expected to slowly decline after TY20, it's anticipated the project will continue to meet its' targeted goals up to TY40.

NOTE: CPRA and NRCS propose that one final maintenance event be performed prior to the 20YR end of project life. Such event would include extending the east and west terminal ends of the rock dikes to prevent wave action from totally scouring around each structure in the next 20 years.

Matrix Box 6. Is landowner, NGO, or another entity willing to accept project transfer?

Decision: No
No entity has indicated a willingness to accept a project transfer.

Matrix Box A-1. Project sponsors evaluate:

A-1(a) – risk and liability of leaving features in place;
There is always an inherent risk and liability associated with rock structures in regards to being a navigation hazard, especially in a navigable channel as the Boston Canal. Such risk has been greatly reduced by virtue of daytime/nighttime navaids that have been installed and are maintained by the Vermilion Parish Police Jury at the southern entrance to the channel. Also, the northern terminus of both rock dikes ties into existing spoilbanks and do not protrude inside the channel. At their current rate of settlement, the crest elevation of the dikes will slowly degrade

by TY40 and risks will increase. However, since this rate is small and crests are expected to remain above mean high tide after 20 years, such risk would not exceed a medium level. There are no known risks or liabilities associated with the vegetative plantings along the northern shoreline.

A-1(b) – positive and negative impacts of leaving features in place;
The positive impacts would be the continued protection, reduced erosion potential, land accretion assets and recreational fishing opportunities provided by the rock structures at the mouth of the Boston Canal. The only negative impact is associated with the continued navigational risks and liability of such structures.

A-1(c) - positive and negative impacts of removing features;
The positive impact would be that CWPPRA would be relieved of navigation related risks and liabilities associated with the rock structures, with the exception of potential remnant rock. Significant negative impacts are the immediate return to without project conditions resulting in increased shoreline erosion rates, the loss of wetlands gained, loss of storm protection, and increased threats of loss to local infrastructure.

A-1(d) – cost of feature removal.
The approximate construction cost to remove the rock dikes is $700,000.

February 2008 (rev)
Cost figures as of: August 2014

Boston Canal/Vermilion Bay Bank Protection (TV-09)

Project Status

Approved Date: 1992 **Project Area:** 466 acres
Approved Funds: $1.04 M **Total Est. Cost:** $1.04 M
Net Benefit After 20 Years: 378 acres
Status: Completed Nov. 1995
Project Type: Shoreline Protection and Vegetative Planting
PPL #: 2

Location

The project encompasses 466 acres of brackish marsh along approximately 16 miles of Vermilion Bay's northern shoreline adjacent to Boston Canal. Running from the Oaks Canal to Mud Point, the project is located roughly 6 miles southeast of Intracoastal City, Louisiana, in Vermilion Parish.

Problems

Construction of the Gulf Intracoastal Waterway, Boston Canal, and oilfield canals has greatly increased tidal exchange between Vermilion Bay and the adjacent marshlands to the north, particularly near their confluence with Vermilion Bay. This tidal exchange, combined with the effects of wave action from the bay and boat wake from traffic on the canal, has contributed to significant shoreline erosion along the Vermilion Bay shoreline. This same set of problems has also caused shoreline erosion along Boston Canal, particularly near its confluence with Vermilion Bay.

Restoration Strategy

Rock dikes configured as sediment traps were constructed along the shoreline at the mouth of Boston Canal to promote sediment deposition and protect the shoreline and adjacent wetlands from continued wave-induced erosion.

Vegetation was planted along 14 miles of the Vermilion Bay shoreline to act as a wave buffer and decrease shoreline erosion rates.

Planted smooth cordgrass (*Spartina alterniflora*) protecting the Vermilion Bay shoreline.

Progress to Date

Following the construction of the rock dikes, as much as 4.5 feet of sediment has vertically accreted in the lee, or wind-sheltered regions, of the structures. The dikes and vegetative plantings have increased vegetation cover, resulting in 57 acres of land growth.

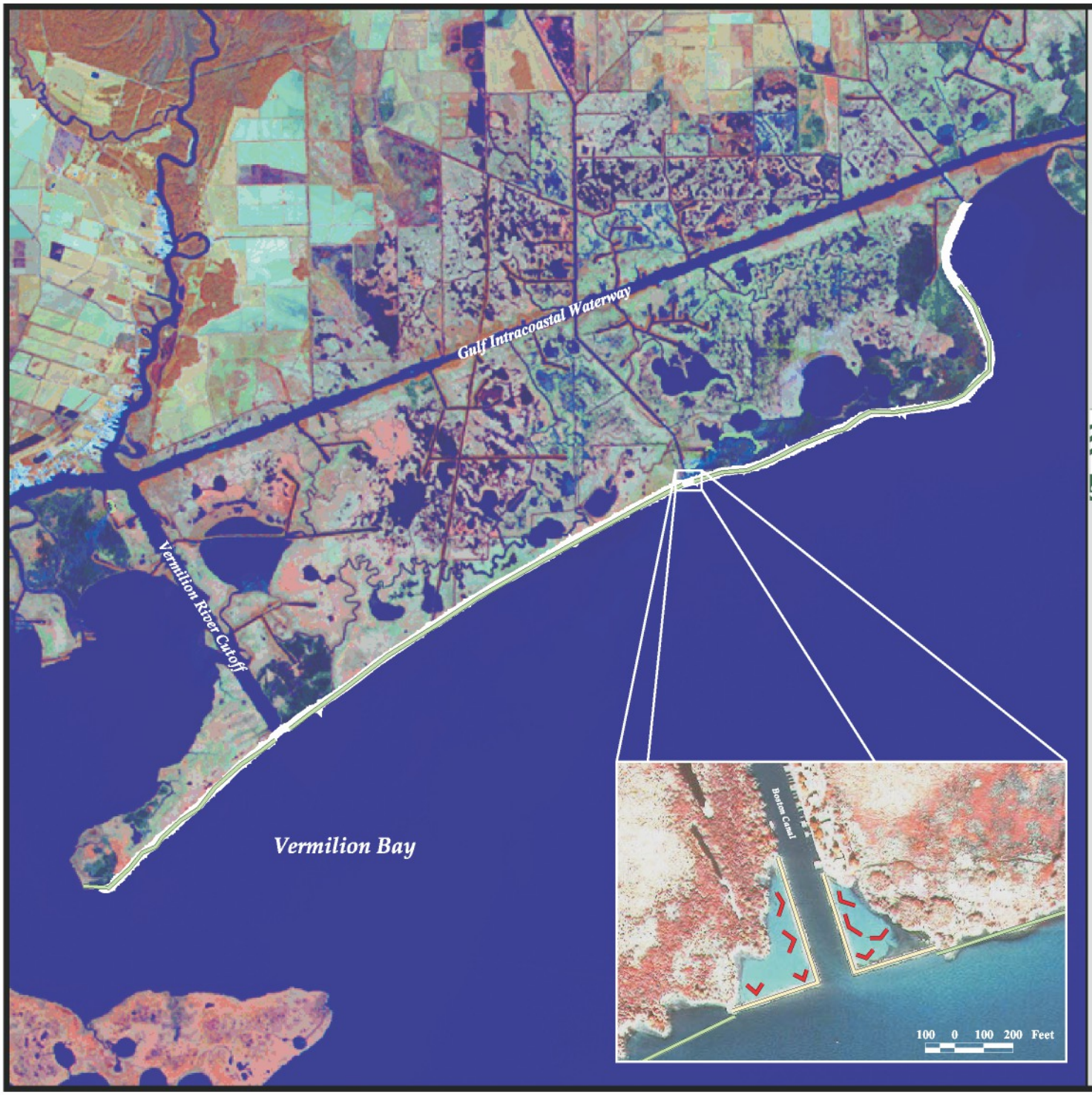
The shoreline has been stabilized at the mouth of Boston Canal.

The survivorship and vegetation cover percentage along the shoreline were more pronounced in areas where native vegetation did not exist. Survivorship and percent cover were least pronounced when marshhay cordgrass (*Spartina patens*) was planted in established stands of roseau cane (*Phragmites australis*). Overall survivorship of planted smooth cordgrass (*Spartina alterniflora*) was over 90% after 12 months. Current coverage is nearing 100%. The 2005 OM&M Report concluded the sediment build-up behind the dike on the east and west sides is continuing and vegetation has taken over the exposed mud flats. Elevation data show an increase in sedimentation behind the rock breakwater. This project is on Priority Project List 2.

For more project information, please contact:

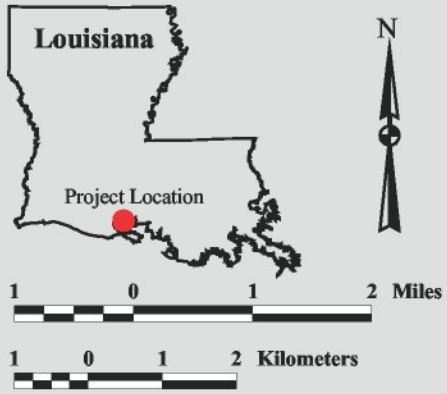
Federal Sponsor:
Natural Resources Conservation Service
Alexandria, LA
(318) 473-7756

Local Sponsor:
Coastal Protection and Restoration Authority
Baton Rouge, LA
(225) 342-4736



Boston Canal/ Vermilion Bay Bank Protection (TV-09)

- Containment Dike
- Vegetative Plantings
- Sediment Fence
- Project Boundary



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

Background Imagery:
Map Image: Thematic Mapper Satellite Imagery 2000
Inset Image: 1994 Color Infrared Aerial Photography

Map Date: September 3, 2002
Map ID: 2002-11-741
Data accurate as of: September 3, 2002

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

OUTREACH COMMITTEE REPORT

For Report:

Ms. Susan Bergeron will provide the Outreach Committee report.

CWPPRA
Public Outreach Report

October 23, 2014

New Orleans, LA

Education

Formal and Informal

WETSHOP - July 7 – 11, 2014

LDWF, BTNEP, LDNR, Louisiana Nature Conservancy, Louisiana Sea Grant, CWPPRA and LUMCON

Arkansas Environmental Education Association

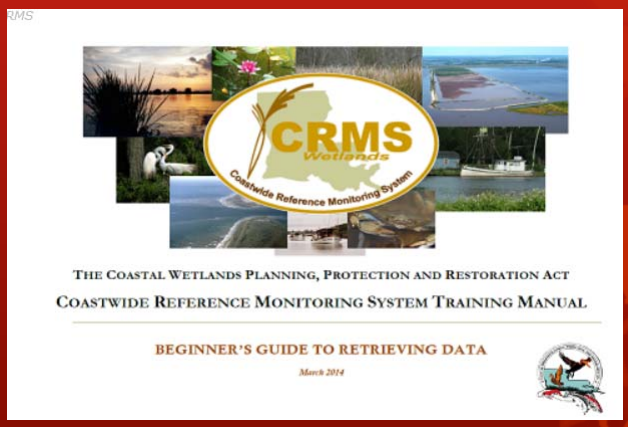
JOINT LSTA/LATM CONFERENCE

Science and Math
STEMspiration
Louisiana Science Teachers Association & Louisiana Association of Teachers of Mathematics
Shreveport, Louisiana
October 20-22, 2014

LATM
Louisiana Association of Teachers of Mathematics

Science
Louisiana Science Teachers Association
Encouraging lifelong learning is central to its mission.

Lead the Pack – Calculating Real Math and Science (CRMS) Experiences for Students



SLWDC Youth Wetlands Summit

SLWDC Youth Wetlands Summit

Public Outreach

Trying New and Old Venues

Rotary Club

Sierra Club

Zephyrs Game

USFWS SE LA Refuge
WILD THINGS Family Event

U.S. Fish & Wildlife Service
Southeast Louisiana National Wildlife Refuges
Southeast Region

Media

SEJ Conference

Society of ENVIRONMENTAL JOURNALISTS

Your source for environment, energy, science, health, and climate reporting

Conference Chair:
Mark Schleifstein,
Environment Reporter,
The Times-Picayune and on the web at NOLA.com

SEJ Trip Coordinator:
Bob Marshall,
Environment Reporter,
The Lens on the Web at *TheLensNOLA.org*

Rebuilding Barrier Islands and Restoring Marshes

September 4, 2014

Photo by: Lane Lefort

Photo by: Lane Lefort

Photo by: Lane Lefort

Photos by: Lane Lefort

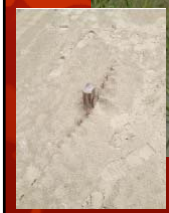


Photo by: Lane Lefort

Paradise Restored: Inside the Fight to Save Louisiana's Wetlands

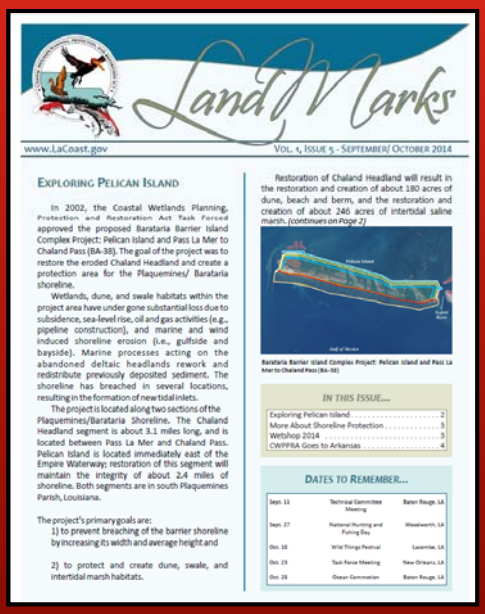
By Gloria Gonzalez

10 September 2014 | As we drive down a stretch of highway in southeastern Louisiana on our way to the barrier islands, it is disconcerting to see boats floating well above our eye levels on the Mississippi River – a stark reminder of the everyday danger faced by those living eight feet below sea level in the city of New Orleans and the surrounding area…. …. ….

http://www.forestcarbonportal.com/news/paradise-restored-inside-the-fight-to-save-louisianas-wetlands

New Resources

LandMarks and CWPPRA Children's Book



LandMarks

www.LaCoast.gov

Vol. 1, Issue 5 - September/ October 2014

Exploring Pelican Island

In 2002, the Coastal Wetlands Planning, Protection and Restoration Act Task Forced approved the proposed Barataria Barrier Island Complex Project: Pelican Island and Pass La Mer to Chaland Pass (BA-38). The goal of the project was to restore the eroded Chaland Headland and create a protection area for the Plaquemines/ Barataria shoreline.

Wetlands, dune, and swale habitats within the project area have under gone substantial loss due to subsidence, sea-level rise, oil and gas activities (e.g., pipeline construction), and marine and wind induced shoreline erosion (i.e., gulfside and bayside). Marine processes acting on the abandoned deltaic headlands rework and redistribute previously deposited sediment. The shoreline has breached in several locations, resulting in the formation of new tidal inlets.

The project is located along two sections of the Plaquemines/Barataria Shoreline. The Chaland Headland segment is about 3.1 miles long, and is located between Pass La Mer and Chaland Pass. Pelican Island is located immediately east of the Empire Waterway; restoration of this segment will maintain the integrity of about 2.4 miles of shoreline. Both segments are in south Plaquemines Parish, Louisiana.

The project's primary goals are:

1) to prevent breaching of the barrier shoreline by increasing its width and average height and

2) to protect and create dune, swale, and intertidal marsh habitats.

Restoration of Chaland Headland will result in the restoration and creation of about 180 acres of dune, beach and berm, and the restoration and creation of about 246 acres of intertidal saline marsh. (continues on Page 2)

Barataria Barrier Island Complex Project: Pelican Island and Pass La Mer to Chaland Pass (BA-38)

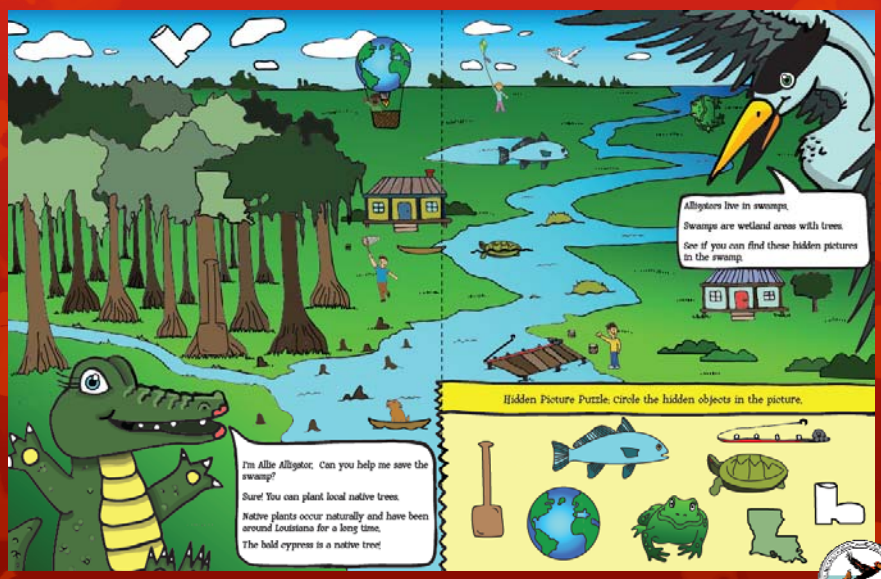
In This Issue...

Exploring Pelican Island 2
More About Shoreline Protection 3
Wetshop 2014 3
CWPPRA Goes to Arkansas 4

Dates to Remember...

Sept. 11	Technical Committee Meeting	Baton Rouge, LA
Sept. 27	National Hunting and Fishing Day	Woodworth, LA
Oct. 16	Wild Things Festival	Lacombe, LA
Oct. 23	Task Force Meeting	New Orleans, LA
Oct. 28	Ocean Commotion	Baton Rouge, LA

http://lacoast.gov/new/Pubs/LandMarks.aspx



Contact Us:

Susan Testroet-Bergeron

Public Outreach Coordinator

BergeronS@usgs.gov
337-266-8623

~~*~*~*~*~*~*~*

Cole Ruckstuhl

Media Specialist

RuckstuhlC@usgs.gov
337-266-8542

JOIN THE FUN!

Visit Henri Heron's Louisiana Wetlands

Sticker page inside!

Message to Parents:

Our wetlands will only persist through conservation. As parents and teachers, it is our job to use any opportunity to teach our children about the importance of conservation.

Teaching our children to understand conservation is an integral step to ensure our wetlands will continue to be in existence for future generations.

Use this activity book to start the discussion with your children about Louisiana's coastal wetlands and their conservation.

Jane Schwandt Frayle
Early Childhood Educational Consultant

Learn more about Louisiana's Coastal Land Loss and Restoration Efforts:

CWPPRA, the Coastal Wetlands Planning, Protection and Restoration Act, is federal legislation enacted to identify, engineer and design, and fund the construction of coastal wetlands restoration projects. These projects provide for the long-term conservation of wetlands and dependent fish and wildlife populations. Projects funded by CWPPRA are cost-effective ways of restoring, protecting, and enhancing coastal wetlands. CWPPRA has a proven track record of superior coastal restoration science and monitoring techniques in Louisiana. Since 1990, the net Louisiana wetland area that CWPPRA has protected, created, or restored is 100,000 acres. Greater than 360,000 acres have also been enhanced.

As of 2014, CWPPRA has 150 active restoration projects with 101 completed projects, 18 active construction projects, and 31 projects currently in engineering and design. Three (3) of the 31 projects in engineering and design are scheduled for construction in 2014. The success of the CWPPRA program has been essential in providing critical ecosystem stabilization along Louisiana's coast and has provided pioneering solutions for land loss.

In addition to the physical land gains made by CWPPRA, this interagency organization has been instrumental in educating the public about Louisiana's land loss and in fostering public participation in coastal restoration activities.

Place the matching sticker on Henri's friends in the drawing.
Stickers are located on the sticker page at the back of the book.

www.LaCoast.gov

Hi! I'm Henri Heron. Louisiana wetlands are my home.
My friends and I live here.
My home is lovely.
Can you help me find my friends?

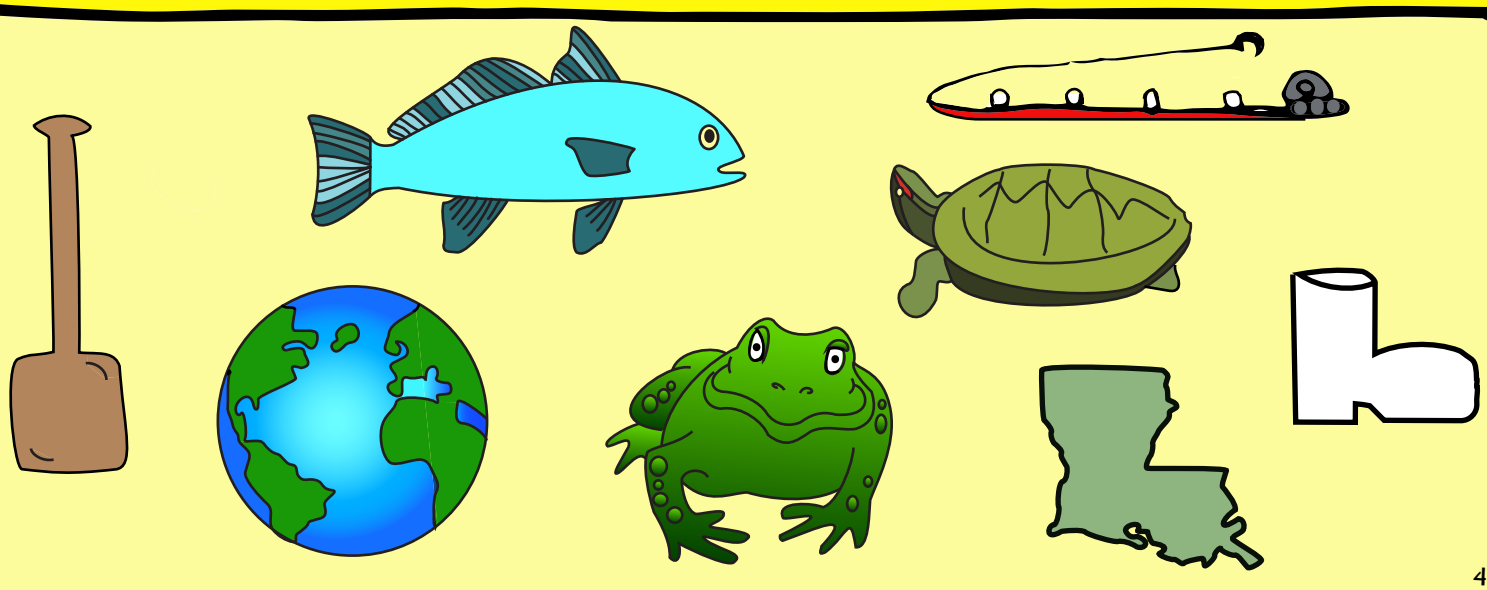
I'm Allie Alligator. Can you help me save the swamp?
Sure! You can plant native trees.
Native plants occur naturally and have been around Louisiana for a long time.
The bald cypress is a native tree!

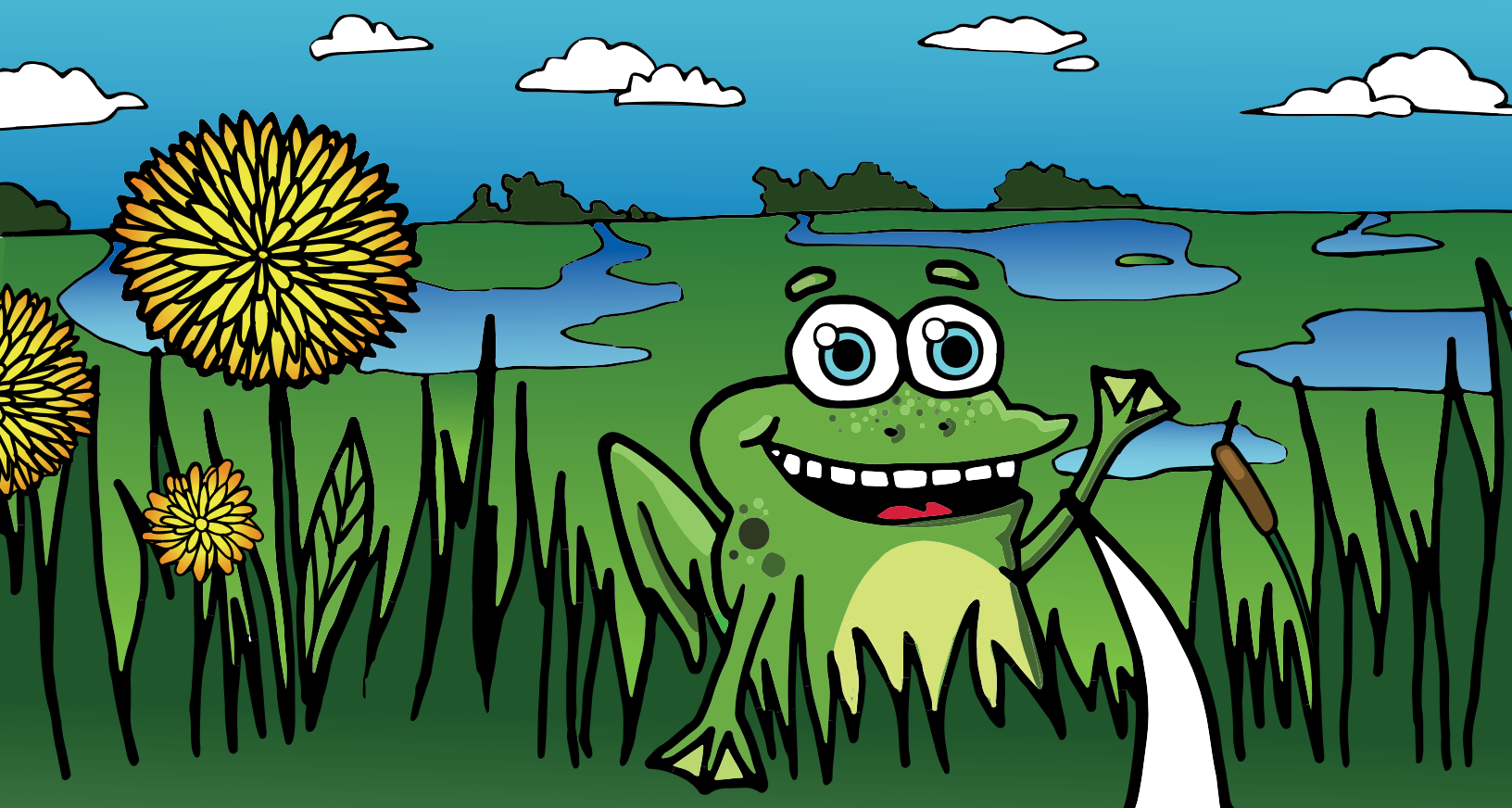
Alligators live in swamps.

Swamps are wetland areas with trees.

See if you can find these hidden pictures in the swamp.

Hidden Picture Puzzle: Circle the hidden objects in the picture.





Hi!

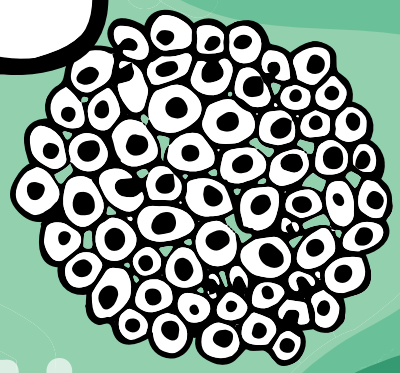
Many frogs live in Louisiana.

Did you know all of Louisiana's native frogs and toads lay eggs?

Eggs are laid in water.

Eggs hatch into tadpoles.

Tadpoles grow into adult frogs.



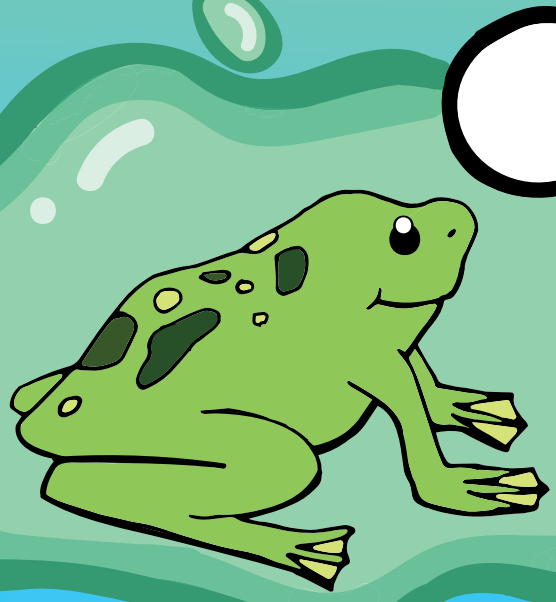
Order the life cycle.

Put a (1) one next to the frog egg mass.

Put a (2) two next to the tadpole.

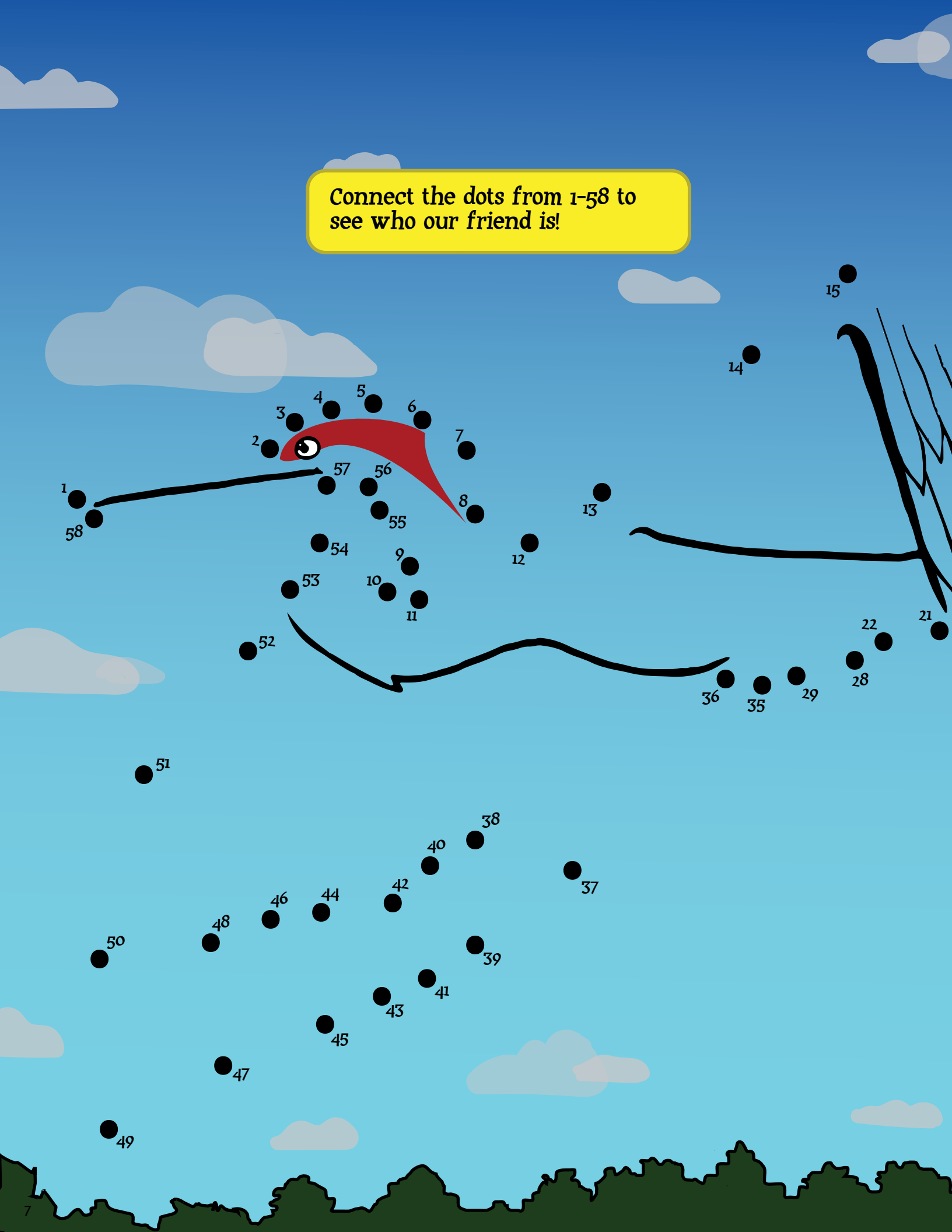
Put a (3) three next to the tadpole with legs.

Put a (4) four next to the young frog.



This is my friend Freddy Frog.
He lives in a marsh filled with fresh water.
Can you help save fresh marshes?
Sure you can!
Grow beautiful native plants that flower.

Connect the dots from 1-58 to see who our friend is!



This is my friend Willie Whooping Crane. Willie is shy! If you see him, watch him from afar.
The red patch on his head reminds you to STOP and stay away.
Willie lives in the wetlands south of Lafayette, Louisiana. He lives in the White Lake Wetlands Conservation Area in Vermilion Parish.
Help save Willie and his cousins.
Whooping Cranes used to live in Louisiana. By the 1950s they were all gone.
In 2011, Whooping Cranes were moved back to Louisiana to begin a new family. By 2014, there were about 600. Do your part to help save my family of Whooping Cranes.
Do not disturb us.
Enjoy watching us from far away.
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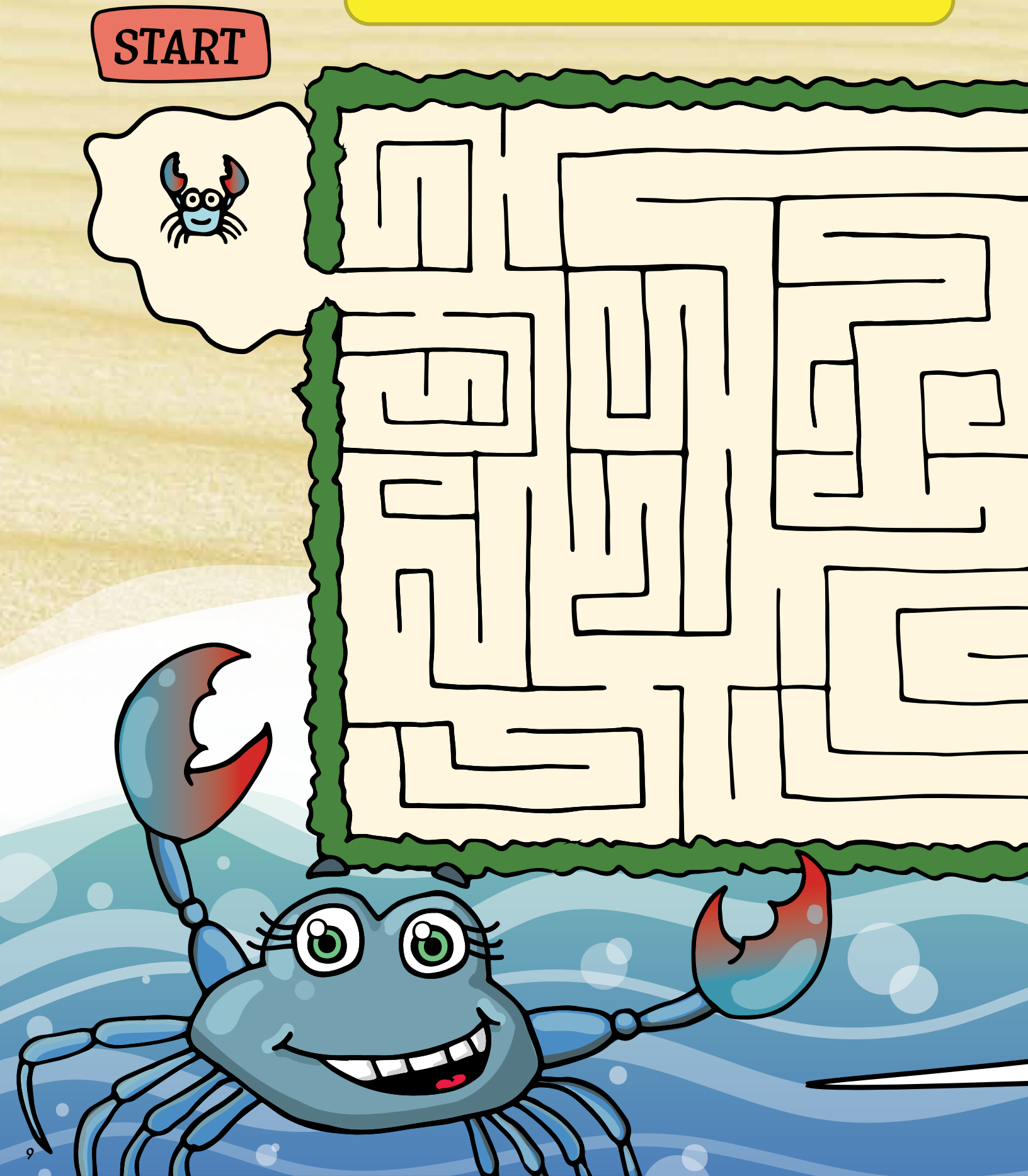
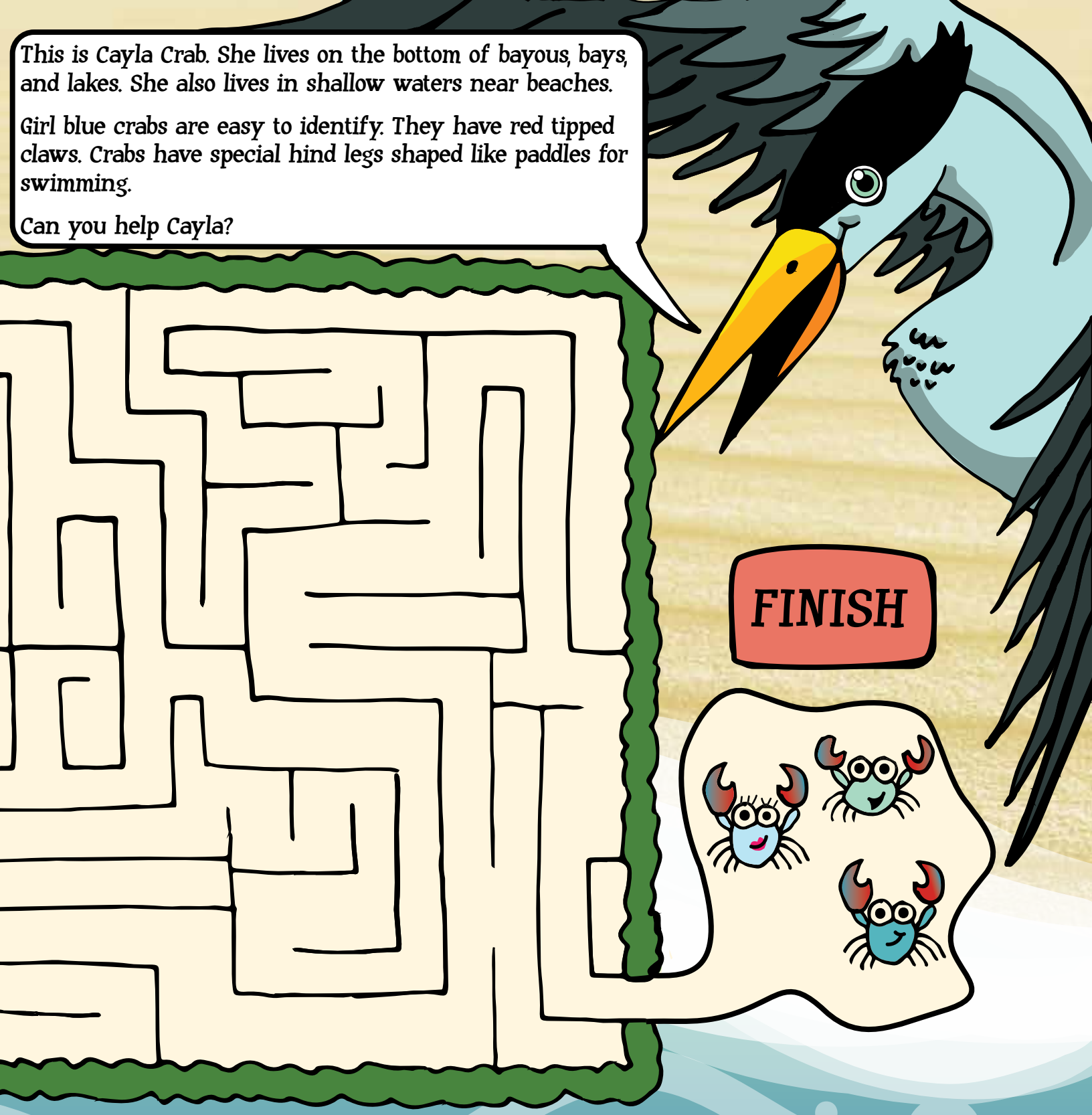
Help Cayla find her way through the maze to her friends.



This is Cayla Crab. She lives on the bottom of bayous, bays, and lakes. She also lives in shallow waters near beaches.

Girl blue crabs are easy to identify. They have red tipped claws. Crabs have special hind legs shaped like paddles for swimming.

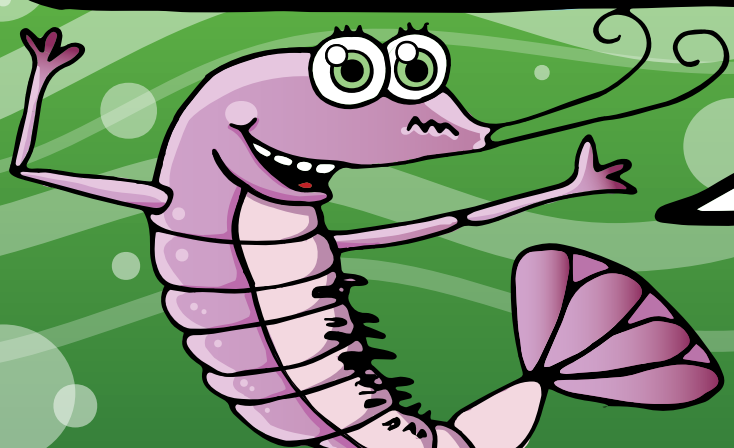
Can you help Cayla?



Sure you can!

Learn more about animals that live in a variety of wetland habitats.

Wetlands support a remarkable variety of plants and animals. Take time to observe these creatures.



Hi, I'm Sammy Shrimp!

Shrimp live in the marsh grasses.
Shrimp find their food in the marsh.

Help save habitats for shrimp like me.
Can you help me?

Find the Differences! Look at these two pictures. Find the things that are different.

Sure!

Don't throw things overboard when you are fishing. Help keep Sammy's home clean.

Don't litter!

WORD SEARCH

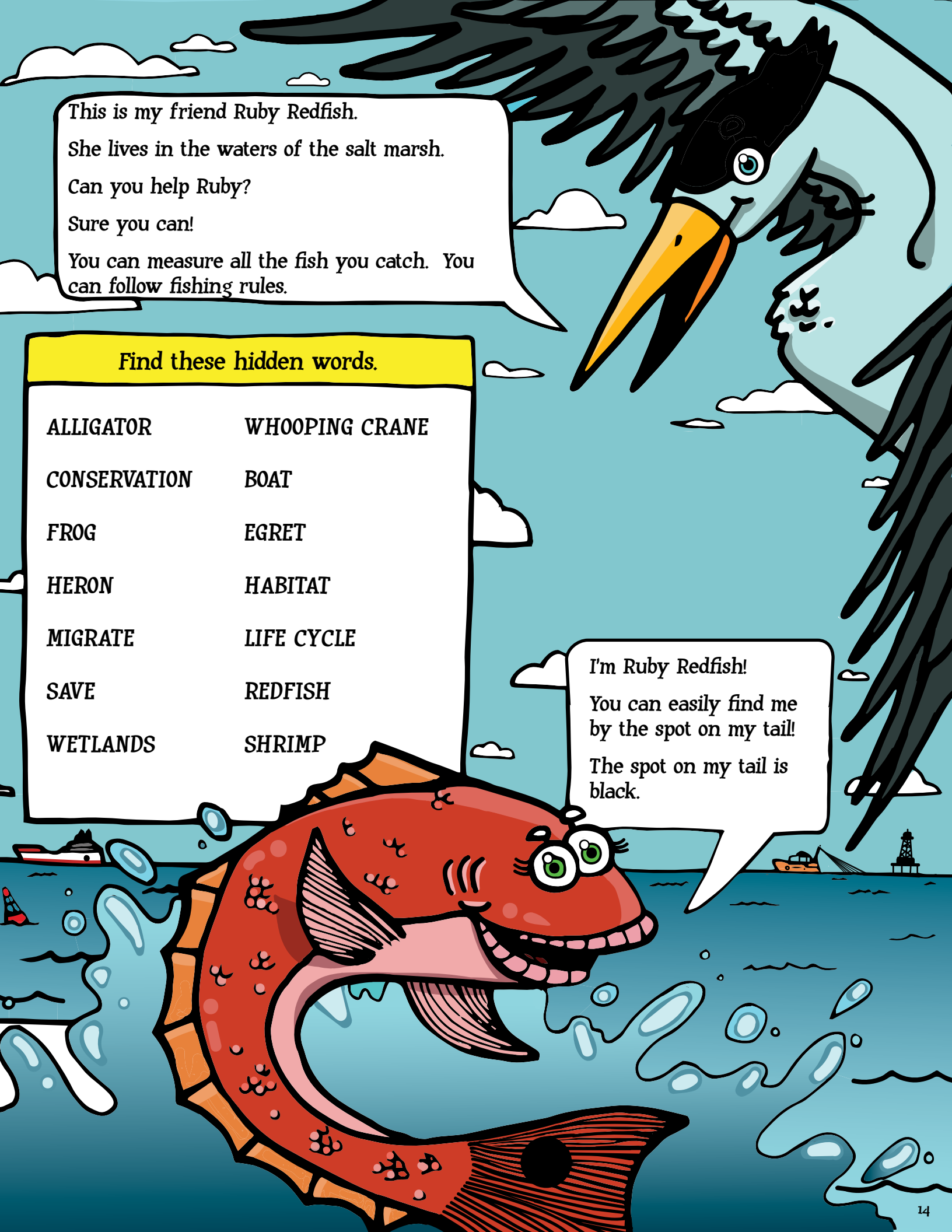
M	M	D	Y	M	L	N	H	E	R	O	N	U	B	M
L	X	J	T	Q	U	F	Z	U	D	X	A	F	N	W
Y	F	U	H	C	G	Y	J	W	A	V	E	U	O	H
U	I	R	X	W	B	S	H	R	I	M	P	Z	N	O
V	N	A	L	L	I	G	A	T	O	R	A	R	T	O
C	B	S	V	S	B	W	E	T	L	A	N	D	S	P
R	R	A	N	B	K	X	X	K	K	K	P	L	M	I
E	M	V	C	O	N	S	E	R	V	A	T	I	O	N
D	I	E	H	A	E	Y	X	C	S	F	D	F	V	G
F	G	J	A	T	Y	G	D	E	A	R	I	E	P	C
I	R	I	B	I	B	Q	C	Z	S	O	G	C	M	R
S	A	N	I	O	K	L	S	K	L	G	U	Y	D	A
H	T	C	T	C	D	O	I	B	T	M	U	C	K	N
F	E	E	A	S	A	P	Y	B	R	T	C	L	R	E
L	L	M	T	K	R	E	G	R	E	T	S	E	A	F

Find More Words

2 letter words

3 letter words

4 or more letter words


This is my friend Ruby Redfish.
She lives in the waters of the salt marsh.
Can you help Ruby?
Sure you can!
You can measure all the fish you catch. You can follow fishing rules.
Find these hidden words.
ALLIGATOR
WHOOPING CRANE
CONSERVATION
BOAT
FROG
EGRET
HERON
HABITAT
MIGRATE
LIFE CYCLE
SAVE
REDFISH
WETLANDS
SHRIMP
I'm Ruby Redfish!
You can easily find me by the spot on my tail!
The spot on my tail is black.

Place stickers on the equipment used to help rebuild Louisiana wetlands.
Stickers are located on the sticker page at the back of the book.

People are my friends too!
Wetlands are for people too!
These people are rebuilding Louisiana wetlands like our barrier islands.
Can you help?
Sure! Learn more about the ways people are helping to save Louisiana wetlands.
Share what you know.

How can you help save the wetlands?

Draw a picture of you and your friends in this wetlands scene showing how you can help.

Work hard to save the wetlands!

Plant native trees, grasses and flowering plants.

Take time to learn about nature.

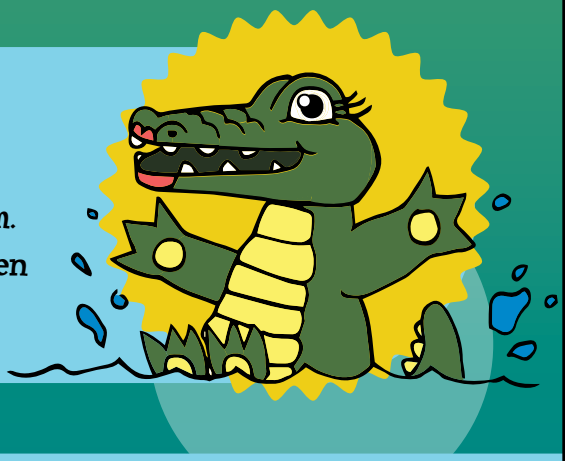
Go bird watching.

Learn more about coastal restoration and protection. Share what you know with friends and adults.

Measure all fish.
Pick up trash.
Don't litter.
Recycle when you can!
TRASH
Observe plants and animals in nature.

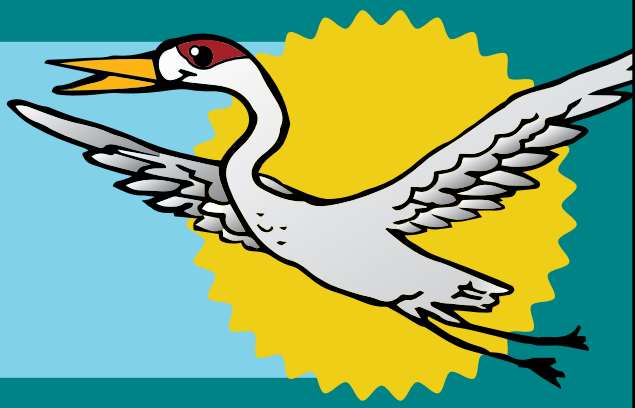
Learn More about Louisiana's Wetlands

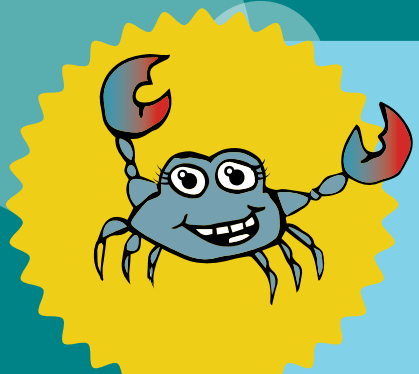
Did you know that the Louisiana state reptile is the American Alligator? The largest population of American Alligators in the world is in Louisiana. Alligators are very fast in the water. They use their tails to help them swim. Alligators have nostrils that face upward, which allows them to breathe when the rest of their body is underwater. They are good at hiding in the water.



In order to grow, young frogs and toads shed all their skin frequently. After they remove their old, dead skin, they usually eat it! It is thought that the dead skin is a nutritious, easy meal for the frogs and toads and may help to keep them safe from predators by not leaving a scent trail.

Whooping Cranes are the tallest birds in North America. They can grow as tall as a human adult. Every Whooping Crane has a red crown by the time it is one year old. The new Louisiana Whooping Crane reintroduction project began with the release of a group of young cranes in 2011 in Vermilion Parish. By 2014, of the 30 surviving birds that reached maturity, there were three mated pairs. This Louisiana group does not migrate, but many Whooping Cranes do.



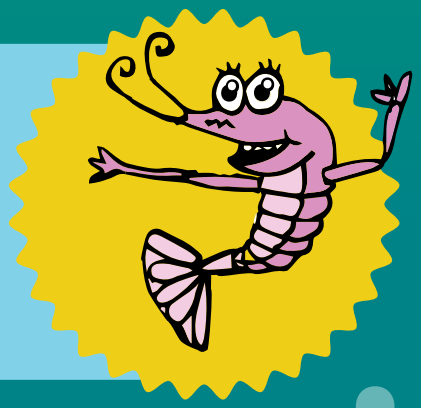


All crabs have an exoskeleton which means their skeleton is on the outside of their bodies. If you are going to hold a blue crab, be sure to hold them from the back so you don't get pinched. Insects and spiders are relatives of the crab. Girl blue crabs can lay 1,000,000 eggs at one time. Most of the crab eggs are eaten by fish. The scientific name for blue crab is *Callinectes sapidus* ; this means "beautiful swimmer."

Here are some fun facts about my friends!

Redfish can produce a "drumming" sound by using special muscles that rub against their inflated air bladder. It sounds like fingers rubbing on a balloon. The redfish can live for over 40 years.

Shrimp are omnivores. They eat dead plants, worms, snails, and algae in the water. Shrimp live in brackish to salt water but eventually all Louisiana shrimp return to the salt water in the Gulf of Mexico. Shrimp live for about 2 years.



The Coastal Wetlands Planning, Protection and Restoration Act team helps to rebuild Louisiana wetlands! The program has over 150 wetland restoration projects! Scientists, engineers, and construction workers work together to rebuild wetlands. Sometimes sediment or mud is pumped through pipes to rebuild wetlands. Sometimes a fence is built and grass is planted to protect areas. Sometimes water is allowed to flow into different areas to improve wetland habitat.

Wetlands are unique land areas that contain water, water-loving plants, and wet soils. Wetlands can contain fresh, brackish, or salt water. Each water type supports a different group of plants and animals. These habitats all need special care by every visitor!

Find Us on the Web!

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STICKERS

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

Graphic Design and Illustration by: Josh Coen

Mr. Coen is a Louisiana native who graduated from the University of Louisiana at Lafayette with a Bachelor of Fine Arts degree. He currently resides in Los Angeles, California, where he is continuing his work in photography and graphic design. Mr. Coen is immensely passionate about the environmental issues in Louisiana and is proud to be part of the outreach and education efforts of CWPPRA. His hope is that the activities in this book will bring today's youth closer to understanding their role in coastal restoration.

Special thanks to:
Nikki Cavalier, artist, designer and USGS Intern

Thanks to the CWPPRA Public Outreach Committee Members:
Scott Wilson, Holly Martien, Adele Swearingen, Barbara Keeler, Mel Landry, Allison Murry, Lee Mueller, Lawrence Cutno, Chuck Perrodin, Alma Robichaux, Rex Caffey and Kate Spear.

Thanks to the CWPPRA Public Outreach Staff:
Susan Testroet-Bergeron, Cole Ruckstuhl, and Kathy Ladner

Special thanks to USGS Scientists:
Rebecca Moss, Heather Baldwin, and Brad "Bones" Glorioso

To LEARN MORE ABOUT LOUISIANA WETLANDS VISIT www.LACOAST.gov

Coastal Wetlands Planning, Protection and Restoration Act

Restoring Coastal Louisiana Since 1990

Managing Agencies:

Coastal Wetlands Planning, Protection and Restoration Act

Restoring Coastal Louisiana Since 1990

Managing Agencies:

Public Outreach Committee (POC) Report to the CWPPRA Task Force
May 23, 2014 to October 8, 2014

REPORTING PERIOD HIGHLIGHTS:

- CWPPRA staff prepared and delivered a field session on September 4, 2014, for the **Society of Environmental Journalists (SEJ) annual meeting**. The CWPPRA public outreach team, CWPPRA technical advisors, and various Louisiana wetland scientists and experts worked together to provide 40 reporters from around the US with two field trips and a luncheon filled with interviews related to CWPPRA's efforts in coastal restoration.

- On July 30, 2014 CWPPRA outreach staff was invited to be the keynote address at the Arkansas Environmental Education Association (AEEA). This two-day event titled the **2014 Arkansas Environmental Education Association (AEEA) Expo: Natural Education Partnerships** was held at the University of Arkansas Community College in Morrliton, AR. Testroet-Bergeron shared the working partnership activities in Louisiana's coastal wetlands as a model for increasing environmental partnership activities. The expo brought together a host of environmental education enthusiasts.

- Teachers experience Louisiana wetlands first hand during the week of July 7th 2014. CWPPRA staff presented at ***WETSHOP 2014***, a one-week coastal awareness workshop for science, history and social studies teachers. The workshop was hosted by the Louisiana Department of Wildlife and Fisheries at the Marine Fisheries Lab on Grand Isle, LA. The focus of this six-day workshop was to provide teachers with an in-depth look at issues related to wetland ecology and coastal land loss in Louisiana. Participating teachers accrued 55 hours of instruction covering a wide variety of topics

including wetland ecology, fisheries management, and coastal restoration. Teachers also spent a portion of each day in the field learning about maritime forests, barrier island beach ecology, coastal restoration projects, bird life, marsh and swamp habitats, and marine organisms.

- August 23, 2014, CWPPRA staff attended, exhibited, and presented at the **South Louisiana Wetlands Discovery Center (SLWDC) Wetlands Youth Summit 2014**. The event brought young leaders together to discuss the various environmental challenges and potential solutions for the gulf coast communities. CWPPRA staff provided youth with information about land loss, restoration efforts, and civic responsibility.

- CWPPRA staff and outreach committee has completed work on a new children's activity booklet titled **"Join the Fun! Visit Henri Heron's Wetlands."** To be printed by January 2015.

- CWPPRA "I Remember" Art Show Highlights:
    - The oral history project remained at the Louisiana State University Hill Memorial Library from March 31 to August 30, 2014. The interactive kiosk was completed and added to the show.
    - The show will travel to the Restore America's Estuaries Conference in Washington DC during the first week of November 2014.
    - CWPPRA staff met with members of the National Park Service Jean Lafitte National and Historical Park and Preserve in Barataria to discuss moving the "I Remember" art show to the facility near Lafitte in early spring. The team will continue to work together to plan a spring opening event and spring/summer show.

- CWPPRA staff has been working with the **JASON Learning** project on "Wetlands: Race to Restore: Investigations in Earth Science, Life Science and Engineering Design." JASON Learning **i**s a 501(c)(3) nonprofit organization managed by Sea Research Foundation, Inc., in partnership with the National Geographic Society. Founded in 1989 by Dr. Robert D. Ballard, the mission of JASON is to inspire and educate kids everywhere through real science and exploration. JASON provides multimedia curricular experiences in science, technology, engineering, and math (STEM) for K-12 students, and corresponding professional development for educators in a wide variety of formal and informal education environments. The project ***"Wetland Race to Restore – Investigations in Earth Science, Life Science and Engineering and Design"*** will be brought to middle school students throughout the country.

ELECTRONIC MEDIA/NATIONAL AND INTERNATIONAL OUTREACH

- LaCoast website statistics from May 1, 2014 to October 8, 2014:
  - Successful requests: : 8,135,652
    (includes pages, videos, maps, and graphics)
  - Successful requests for pages: 2,007,294
  - Data transferred: 926.88 gigabytes
  - Average data transferred per day: 5.79 gigabytes
  - CWPPRA Newsflash subscribers: 1,527

- **WaterMarks** subscribers: 6428

  WaterMarks issue 49 titled "*Forward Thinking for Fighting Land Loss Propels Louisiana into Global Leadership: Becoming a coastal science laboratory for the world*" was delivered in August 2014

- **Daily requests and information distributions June 14, 2013 to January 16, 2014**

  - Responding to requests for information/material/photos by telephone, email, LaCoast: 29 mailing requests and 59 additional requests
  - CWPPRA Newsflashes: 40
  - LaCoast.gov LUCC posted calendar events: 26

OUTREACH ACTIVITIES - Presentations, Exhibits, Workshops, Field Trips, Meetings, and Conferences:

- June 4, 2014 – Darryl Clark, USFWS and CWPPRA Technical Committee Member worked with 50 cub scouts and their leaders at the Jean Lafitte National Historical Park and Preserve in Lafayette, LA to teach them about wildlife and coastal protection and preservation.
- June 11, 2014 – CWPPRA Public Outreach SEJ Field trip planning meeting in Baton Rouge, LA
- June 12, 2014 - CWPPRA staff met with Josh Coen to discuss new CWPPRA children's activity book.
- June 16, 2014 – CWPPRA outreach staff met with USACE and NOAA staff to discuss graphics for an upcoming adult education booklet.
- June 24, 2014 – CWPPRA outreach team worked with BTNEP at Zephyr's Earth Day.
- June 25, 2014 – CWPPRA staff met with Jacoby Carter to learn more about the JASON Foundation and their willingness to revisit Louisiana's wetlands as a topic for middle school curriculum.
- July 7-9, 2014 – CWPPRA staff exhibited, presented and attended field sessions and trainings with the WETSHOP teacher participants.
- July 16, 2014 – CWPPRA staff presented at the Lafayette Rotary Club meeting.

- August 4, 2014- CWPPRA staff worked with NOAA to plan the Society of Environmental Journalist (SEJ) field session.
- August 14, 2014 – CWPPRA staff met with USACE staff to discuss outreach efforts.
- September 2, 2014 – Take down CWPPRA "I Remember" Art Show at the LSU Hill Memorial Library.
- September 4, 2014- CWPPRA staff worked with a variety of partners to deliver the Society of Environmental Journalist (SEJ) field session.
- September 11, 2014 – CWPPRA staff attended CWPPRA Technical Committee meeting.
- September 15, 2014 – CWPPRA staff met with CRCL staff to discuss coastal restoration activities in Louisiana.
- September 17, 2014- CWPPRA staff presented at the Acadia Chapter of the Sierra Club in Lafayette.
- October 7, 2014 – CWPPRA staff presented to Dr. Jenneke Visser's coastal science class at ULL in Lafayette.
- October 14, 2014 – CWPPRA staff visited Bayou Dupont to gather video clips.
- October 18, 2014 – CWPPRA staff attended and exhibited at the USFWS Wild Things family event in Lacombe.
- October 20-21, 2014 – CWPPRA staff attended, presented and exhibited at the joint Louisiana Science Teachers Association and Louisiana Teachers of Mathematics Association conference.
- During this reporting period CWPPRA staff conducted several phone meetings with Bob Marshall working to prepare a field session for the September 2014 Society of Environmental Journalists annual meeting.
- CWPPRA outreach staff completed the fifth new *LandMarks* one pager and related Wordpress posting. The product is currently being field tested through *Wordpress*.
- CWPPRA continues outreach via social media. Staff continues to update the CWPPRA Facebook page, Wordpress, and Twitter. The LaCoast.gov website was updated as needed to include new content, CWPPRA Newsflash news releases and media updates

CWPPRA Public Outreach Committee (POC) Meetings

- June 11, 2014 – CWPPRA Public Outreach SEJ Field trip planning meeting in Baton Rouge, LA
- Several planning phone calls for CWPPRA SEJ field session event between June and September 2014.

Partnerships / Regional Outreach:

- May 28, 2014 - CWPPRA staff met with Jennifer Roberts of WaterWorksLA to discuss various wetlands activities.

- June 18, 2014 - CWPPRA staff met with Mindy Mayer to discuss her interest in creating a theater piece/play related to the CWPPRA oral histories and other related sources.
- July 10, 2014- CWPPRA staff participated in a Gulf of Mexico Alliance (GOMA) public relations meeting.
- July 29-30, 2014 -CWPPRA staff presented "Partnerships in Environmental Education" to explain how CWPPRA works with many groups to provide education about Louisiana wetlands. Also, attended the Arkansas Environmental Education Association.
- August 13, 2014 – CWPPRA staff visited the NPS Jean Lafitte National Historical Park and Preserve near Lafitte to discuss bringing the "I Remember" art show to the facility.
- August 15, 2014 – CWPPRA staff attended meeting with UNO CERF staff and other partners to discuss partnering on the upcoming restoration activities.
- August 21, 2014 – CWPPRA staff lead regional a Gulf of Mexico Alliance public relations call on the use of social media related to wetlands.
- August 23, 2014 – CWPPRA staff and State of Louisiana staff participated in the South Louisiana Wetlands Discovery Center Youth Wetlands Summit to discuss how plans were made for coastal restoration in Louisiana.
- CWPPRA staff worked with the "I Remember" oral history and art show at the LSU Hill Memorial Library to keep the show active through August 30, 2014.

Ongoing Partnerships:

- Louisiana Environmental Education Commission
- Louisiana Environmental Education Association
- LSU Sea Grant
- Louisiana Department of Wildlife and Fisheries
- LUMCON
- BTNEP Education Action Plan
- UNO CERF Educational Community
- GOMA Environmental Education Network
- GOMA Public Relations and Legislative Education Subcommittees

Placement of Kiosks:

- 04/02/14 – 9/2/2014 LSU Hill Memorial Library
- 10/01/05 - present Atchafalaya Welcome Center on I-10
- 12/21/06 - present Audubon Zoo (Education Center), New Orleans
- 01/05/07 - present Sci-Port, Shreveport

Placement of CWPPRA Educational Materials/Publications

- NOAA, Baton Rouge, LA
- Coalition to Restore Coastal Louisiana, Baton Rouge, LA

- LSU Ag Economics Bldg., Baton Rouge, LA
- EPA, Dallas, TX
- NOAA, National Marine Fisheries, Silver Spring, MD
- BTNEP, Thibodaux, LA
- Koupal Communications, Pierre, SD
- Louisiana Sea Grant College Program, Baton Rouge, LA
- LSU Educational Theory, Policy and Practice, Baton Rouge, LA
- Pontchartrain Institute for Environmental Sciences, New Orleans, LA
- CCA Louisiana, Baton Rouge, LA
- CCA, Livingston, LA
- CCA, Lake Charles, LA
- U.S. Fish and Wildlife Service, Lafayette, LA
- Audubon Zoo, New Orleans, LA
- USGS National Wetlands Research Center, Lafayette, LA
- Louisiana Department of Wildlife and Fisheries, Lafayette, LA
- Lafourche Parish Tourist Commission, Raceland, LA
- For the Bayou, Inc., Mill Valley, CA

Scheduled Upcoming Events, Workshops, Trainings, Presentations, and Meetings:

- October 28, 2014 Ocean Commotion with Louisiana Sea Grant at LSU
- November 1-4, 2014 Restore America's Estuaries Conference
- January 13, 2015- Propeller Public Involvement in parternship with WaterWorksLA New Orleans
- February 27-28, 2015 – Louisiana Environmental Education Symposium, Baton Rouge

Media Coverage Referencing LaCoast, CWPPRA or CWPPRA Projects

May 5, 2014 – October 8, 2014

Date	Title	Source of Article	Author
09/23/2014	Louisiana's coastline is disappearing at the rate of a football field an hour	PRI	Adam Wernick
09/10/2014	Paradise Restored: Inside the Fight to Save Louisiana's Wetlands	Forest Carbon Portal	Gloria Gonzalez
09/05/2014	Interior Secretary Sally Jewell praises Louisiana coastal restoration plan	The Times-Picayune	Andrea Shaw
08/26/2014	Students gather to call action for area's marshes	Tri-Parish Times	Michael Hotard
08/25/2014	Students immersed in coastal conversation	HoumaToday.com	Chris Leblanc
08/20/2014	Youth Wetlands Summit Aug. 22-23 in Houma	KATC TV-3	
08/06/2014	Corps, Plaquemines Parish sign agreement to build wetlands in West Bay	The Times-Picayune	Mark Schleifstein
07/29/2014	Wetlands growth in Wax Lake shows what diversions could achieve, scientists say	NOLA.com	Mark Schleifstein
07/28/2014	Wave-control devices being tried near Shark Island	The Advocate	Amy Wold
06/17/2014	Coastal restoration advocate Kerry St. Pé honored	The Advocate	
05/21/2014	Coastal Wetlands Task Force meeting Thursday in Lafayette	KATC.com	
05/20/2014	LDWF to hold coastal awareness workshop for teachers in Grand Isle	KATC.com	

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

COASTWIDE REFERENCE MONITORING SYSTEM (CRMS) REPORT

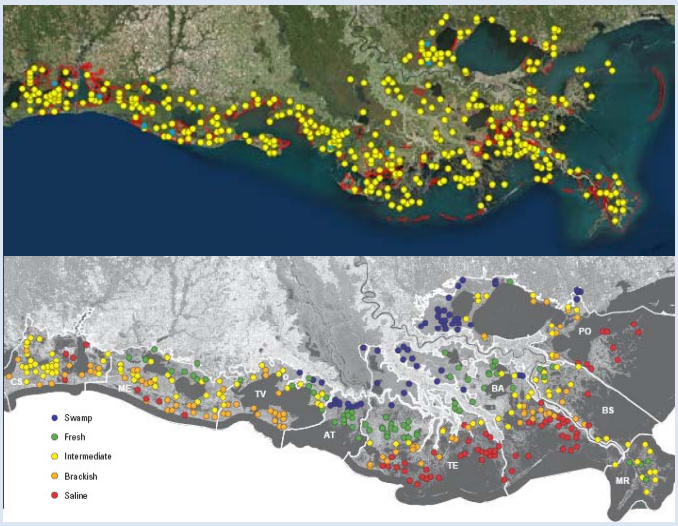
For Report:

Ms. Dona Weifenbach will present a report on CRMS.

Coastwide Reference Monitoring System

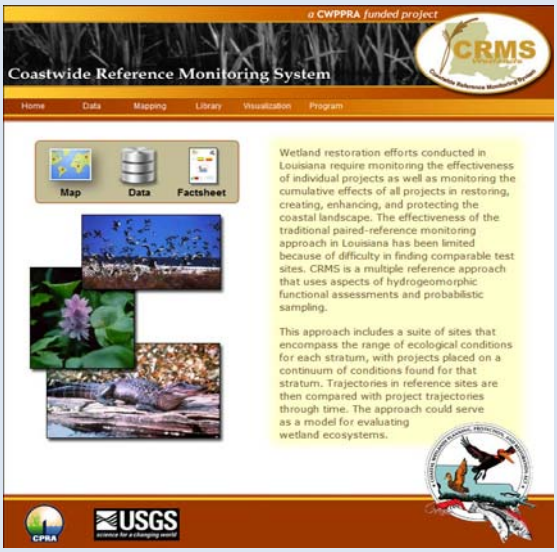
Dona Weifenbach
Coastal Protection and Restoration Authority
and
Sarai Piazza
USGS
October 23, 2014

CRMS Design and Assessment



- Long-term dataset
- 10 real-time hydro
- Sites inside & outside of CWPPRA projects
- Sites in swamp, fresh, intermediate, brackish, and salt marsh

CRMS Website

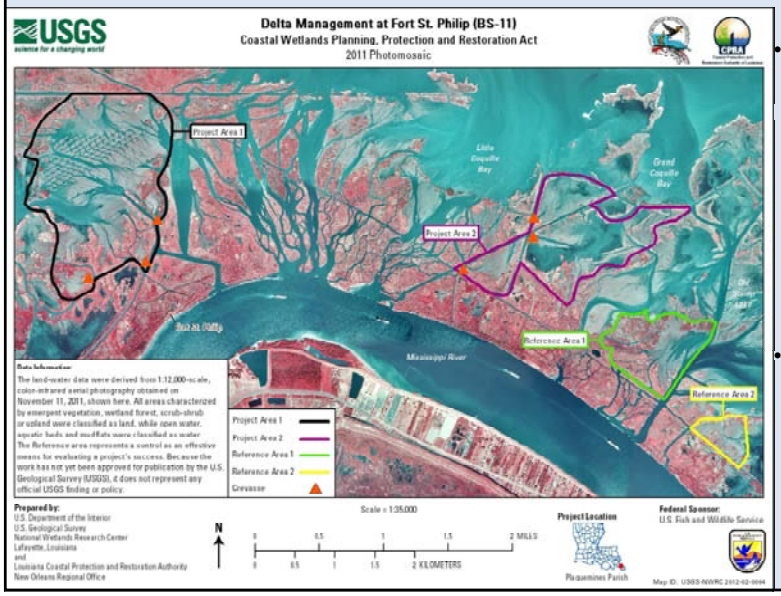


- CWPPRA (1990) and CRMS (2006) data
- OM&M reports
- Summary Graphics from current data

NEW FEATURES THIS MONTH:

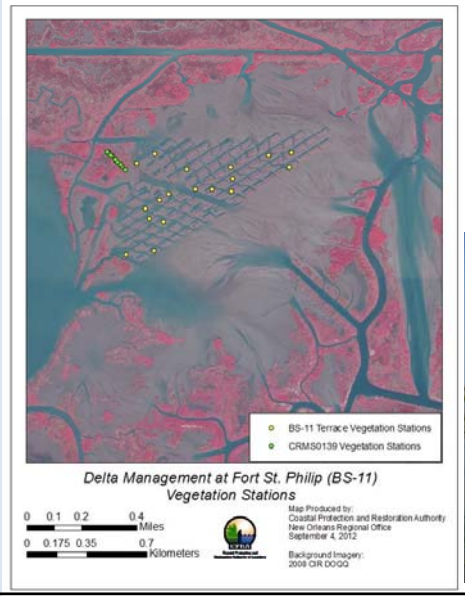
1) Data download from interactive hydro chart,
2) Chart depth of flooding,
3) Landsat TM land change layer,
4) Hydrologic Unit Codes layer,
5) ~ 20 dates of land/water classifications.

Delta Management at Fort St. Phillip



- Outfall management & sediment trapping near mouth of MS River, constructed in Fall 2006
- 2012 OM&M Report results: terraces are capturing sediment and project is building subaerial land

Delta Management at Fort St. Phillip



- Project specific vegetation stations on terraces to monitor plantings. Data collected 2007 and 2011, again in 2016 and 2021
- CRMS site in project area
- Emerging mudflats being colonized

Report Carding

About the Interactive Report Card

Through the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) a comprehensive, standardized monitoring and assessment program has been developed to evaluate coastal restoration projects throughout the Louisiana coastal zone. The Coastwide Reference Monitoring System (CRMS) collects monitoring data for numerous ecological variables. Using CRMS data, indices have been developed to assess wetland hydrology, vegetation, and soils. This interactive report card provides summary information and displays index scores for individual CRMS sites, restoration projects, hydrologic basins, and the entire Louisiana coast.

Index Development

What is an Index?

An index combines and synthesizes scientific data to help inform or assess a topic of interest. Each index helps explain the condition of a particular aspect of the coastal wetland ecosystem. By comparing indices at various time and spatial scales we can understand the overall condition of coastal wetlands in Louisiana.

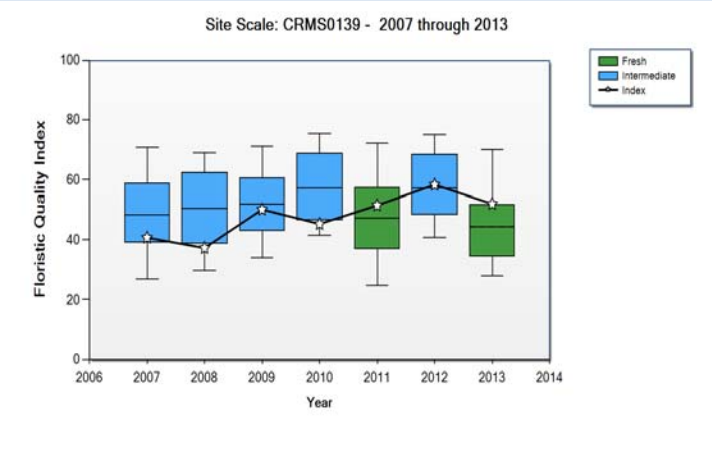
How were the indices developed?

CRMS Analytical Teams, made up of agency and academic personnel, developed indices based on the suite of parameters available from the 2006 to 2009 CRMS dataset. Three indices have been developed: a floristic quality (FQI), hydrologic (HI), and submergence vulnerability (SVI), and a landscape index is currently being refined. Wetland vegetation, hydrology, and soils are undeniably interconnected and form the basis for ecological processes that ultimately influence future land change and the sustainability of coastal habitats. Although these indices have been developed using 4 years of baseline CRMS data, the indices will be refined to better define ecological relationships as the data set becomes more robust overtime.

Because no regulatory thresholds exist for the ecological parameters of interest, it was not possible to assess index scores based on previously defined values that would indicate an acceptable or unacceptable score. Therefore, for the FQI and the HI, assessments were made relative to a baseline distribution of the index scores derived from 2006 to 2009 data at CRMS sites across the Louisiana coast. Because ideal thresholds were not available for the FQI and HI, scores were classified as 'good' (green) if they exceeded the 75th percentile of index scores calculated for all CRMS sites during the baseline period, 'poor' (red) if they did not exceed the 25th percentile, or 'fair' (yellow) if they were intermediate to the 25th and 75th percentiles (Figure 1).

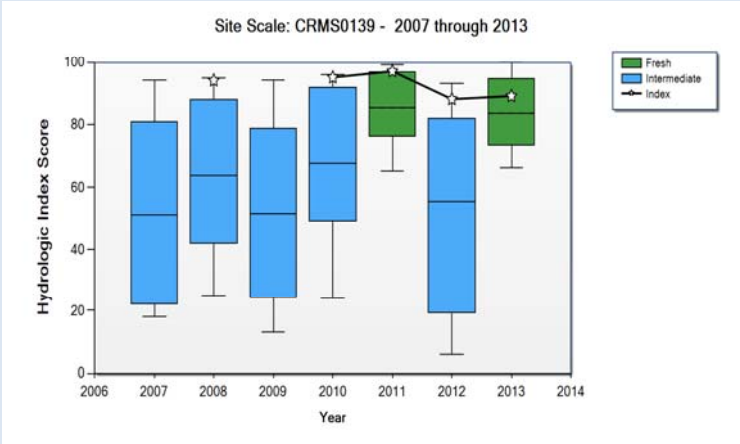
Figure 1. Example of how classifications change based on the assessment index and index score distribution. A) Floristic Quality Index distribution and B) Hydrologic Index distribution based on coastwide data from 2006 to 2009.

Vegetation Site Scale Assessment



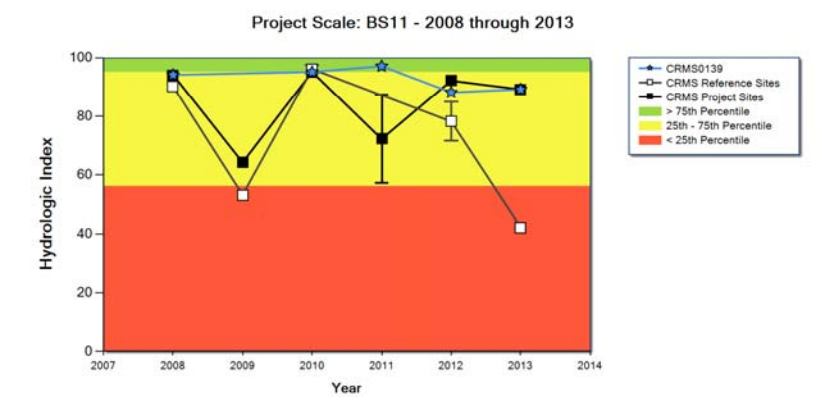
- Species composition at the CRMS site inside the BS-11 project area, vegetation switched back and forth from fresh to intermediate marsh during wet years

Hydrologic Index Site Scale Assessment



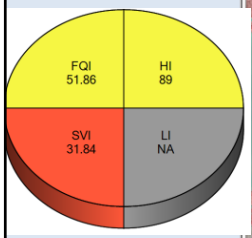
Annual HI scores indicate high productivity based on water levels and salinity

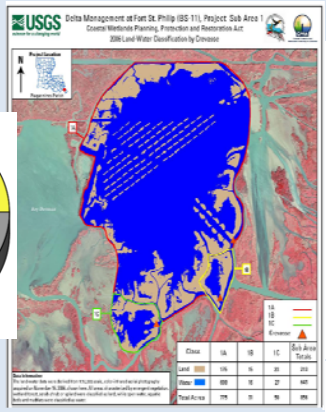
BS-11 Project Assessment

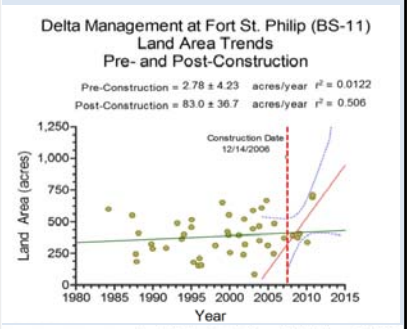


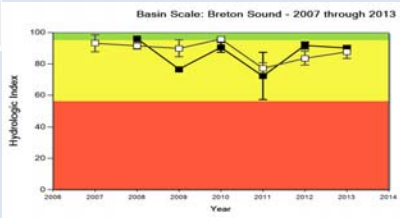
- HI for CRMS site compared to CWPPRA project and reference sites in that marsh type within the Breton Sound Basin

Overall Project Assessment









Layering CRMS data from different spatial scales helps resource managers evaluate projects

CRMS Implementation Status

Milestones

- 15 OM&M Reports in progress for 2014
  - BA-20 Jonathan Davis Wetland Protection (NRCS)
  - BS-03 A Caernarvon Outfall Management (NRCS) *
  - CS-18 Sabine Refuge Shoreline Protection (USFWS)
  - CS-24 Perry Ridge Shore Protection (NRCS)
  - CS-28 Sabine Refuge Marsh Creation Cycle 3 (COE)
  - LA-08 Bioengineered Oyster Reef Demonstration (NMFS)
  - PO-17 Bayou Labranche Wetland Creation (COE)
  - ME-04 Freshwater Bayou (NRCS)
  - PO-24 Hopedale Hydrologic Restoration (NMFS)
  - PO-33 Goose Point/Point Platte Marsh Creation (USFWS)
  - TE-26 Lake Chapeau Sediment Input and Hydrologic Restoration (NMFS)
  - TE-28 Brady Canal Hydrologic Restoration (NRCS)
  - TV-04 Cote Blanche Hydrologic Restoration (NRCS)
  - TV-09 Boston Canal Shoreline Protection (NRCS)
  - TV-14 Marsh Island Hydrologic Restoration (COE)
- Website training held in Baton Rouge on Wednesday, October 1 in the LaSalle Building
- CRMS presentations at SOC, CEER, RAE, participated in monitoring workshops with GOMA and NAS
- Forested Floristic Quality Index publication in review, report card graphics being developed.

CRMS Implementation Status

Milestones

- Coast-wide Elevation Survey of all 390 CRMS sites April – August 2014. Three contractors were selected to perform the work concurrently by regional office. All sites surveyed to NAVD88 Geoid 12a.
  - East 137 sites, John Chance Land Surveys
  - Central, 114 sites, T. Baker Smith
  - West, 139 sites, C&C Technologies
- CRMS 2012 Coastwide Aerial Photography land/water products are available on the CRMS website
- Present CRMS contract expires July 31, 2015. Preparations for next contract are in progress.

http://www.lacoast.gov/crms2

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

COASTWIDE NUTRIA CONTROL PROGRAM – ANNUAL REPORT

For Report:

Ms. Jennifer Manual with the Louisiana Department of Wildlife and Fisheries will present an annual report on the Coastwide Nutria Control Program (LA-03b).

LOUISIANA COASTWIDE NUTRIA CONTROL PROGRAM: YEAR 12

CWPPRA PROJECT (LA-03B)

EDMOND MOUTON AND JENNIFER MANUEL
LOUISIANA DEPARTMENT OF WILDLIFE & FISHERIES

CPRA Coastal Protection and Restoration Authority of Louisiana

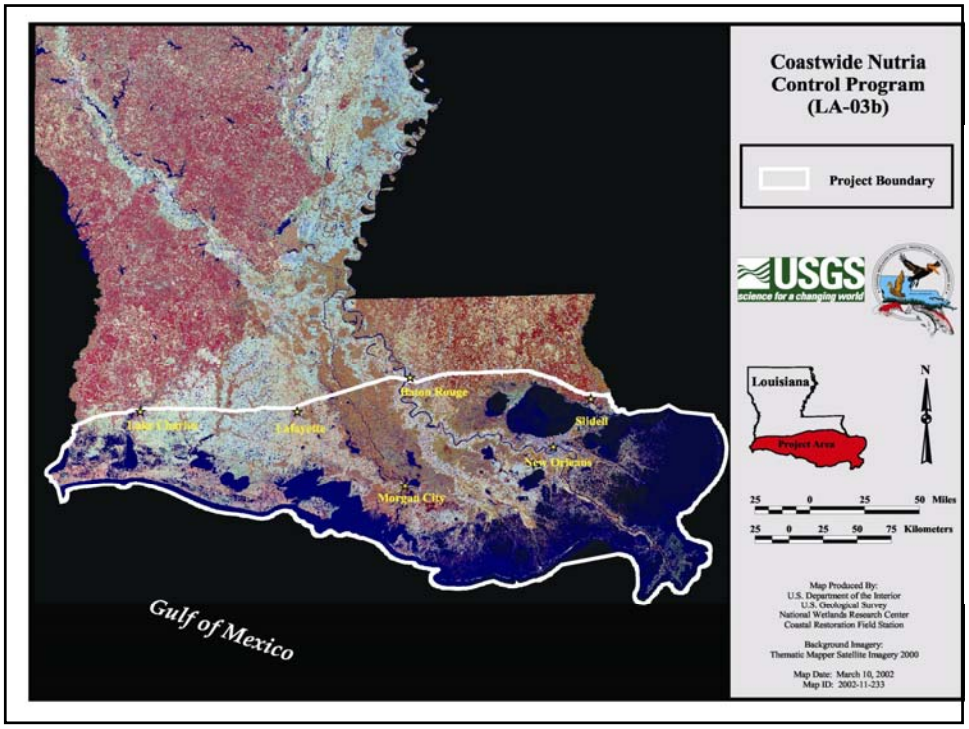
Louisiana Department of Wildlife & Fisheries

Coastal Environments, Inc.
Baton Rouge, LA

NRCS

Program Funding

- This project and its data collection is funded by the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) through the USDA-Natural Resources Conservation Service and Louisiana Coastal Protection and Restoration Authority (CPRA).
- Implemented by La. Dept. of Wildlife & Fisheries (LDWF), and Coastal Environments Inc. (CEI).



Coastwide Nutria Control Program

- Goal: to significantly reduce marsh damage from nutria herbivory by removing 400,000 nutria per year.
- Method: incentive payment to registered hunters/trappers was $4.00 per nutria tail for the first 4 years. In year 5 the payment was increased to $5.00 per nutria tail delivered to collection station.

Application Process

Application Submitted to LDWF

Application Reviewed by LDWF

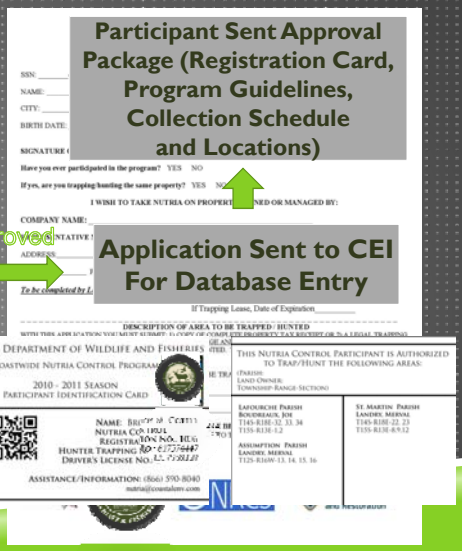
Approved

Application Sent to CEI For Database Entry

Participant Sent Approval Package (Registration Card, Program Guidelines, Collection Schedule and Locations)

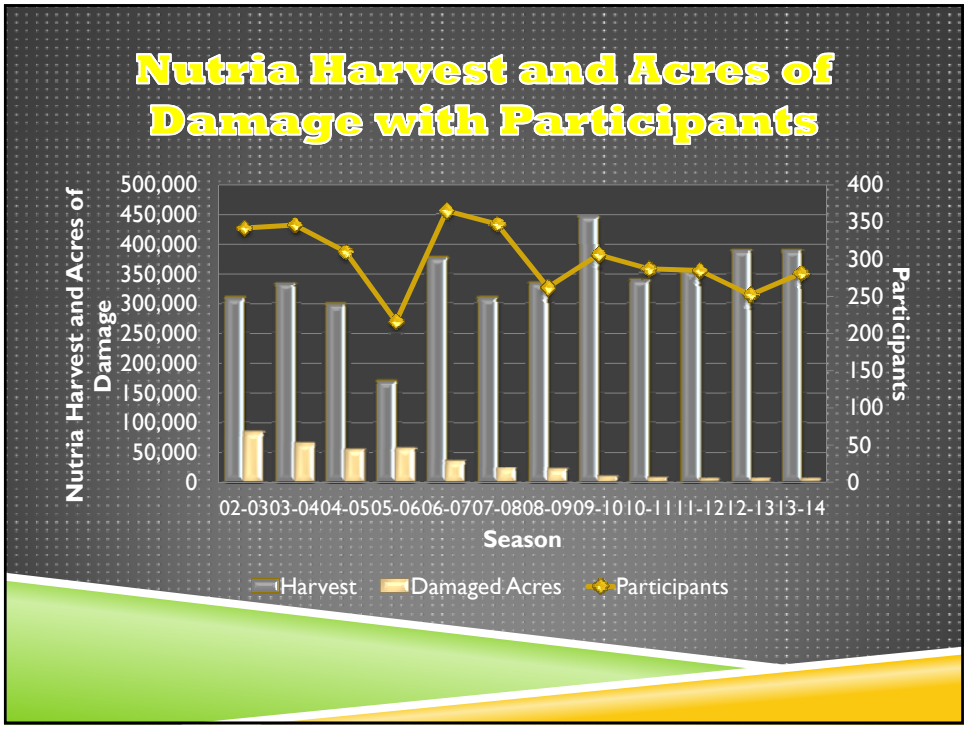
Deny

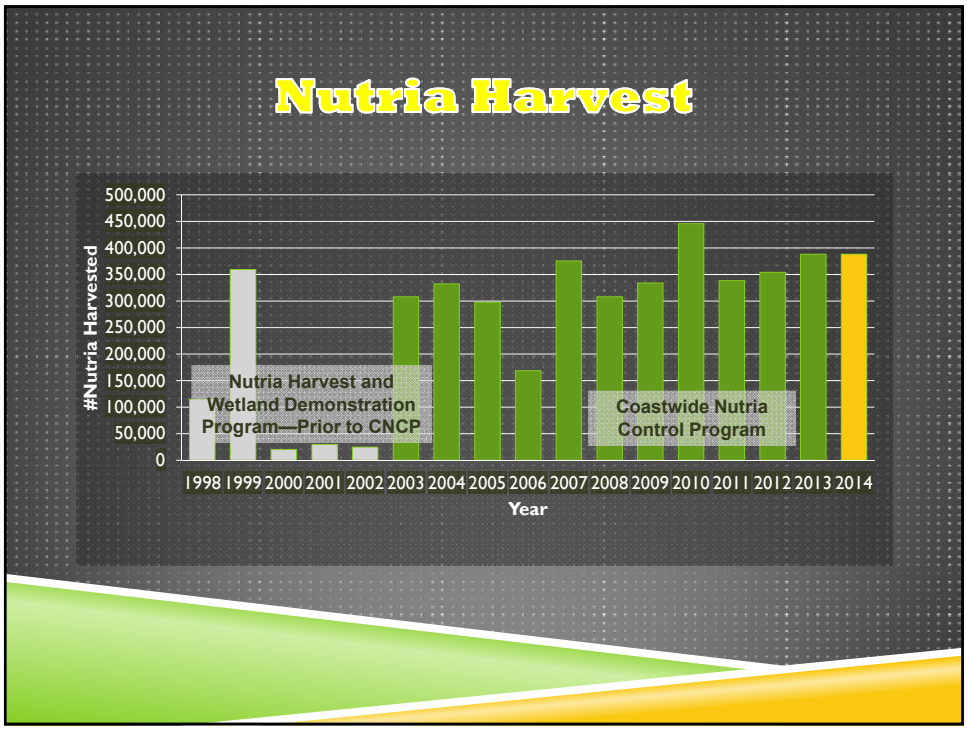
Letter to Participant Indicating Problem

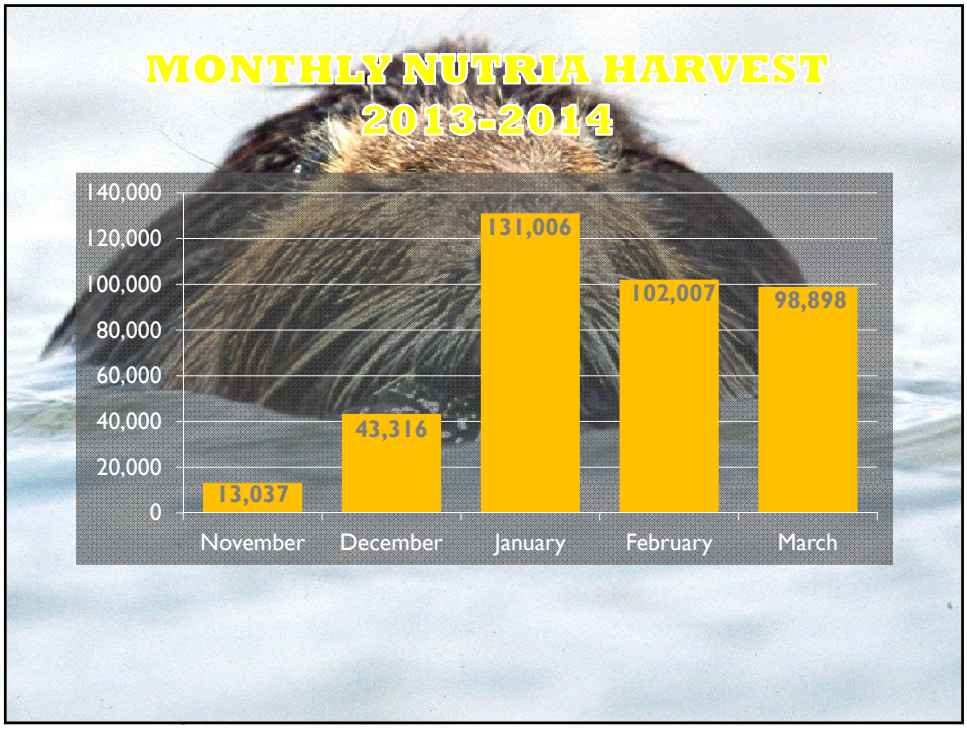


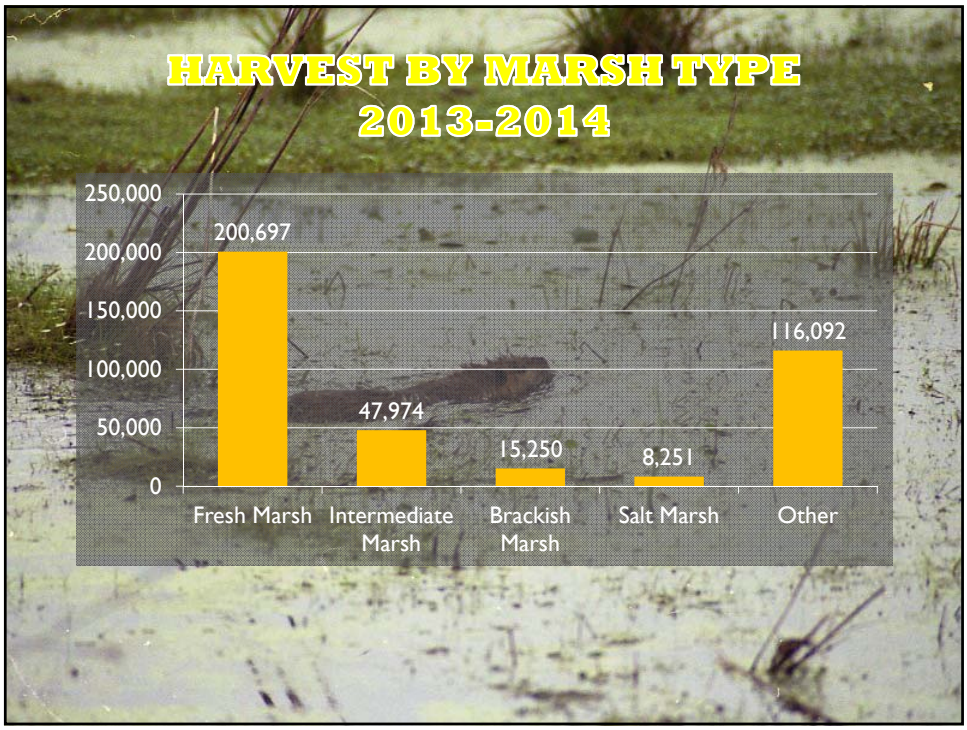
Nutria Harvest 2013-2014

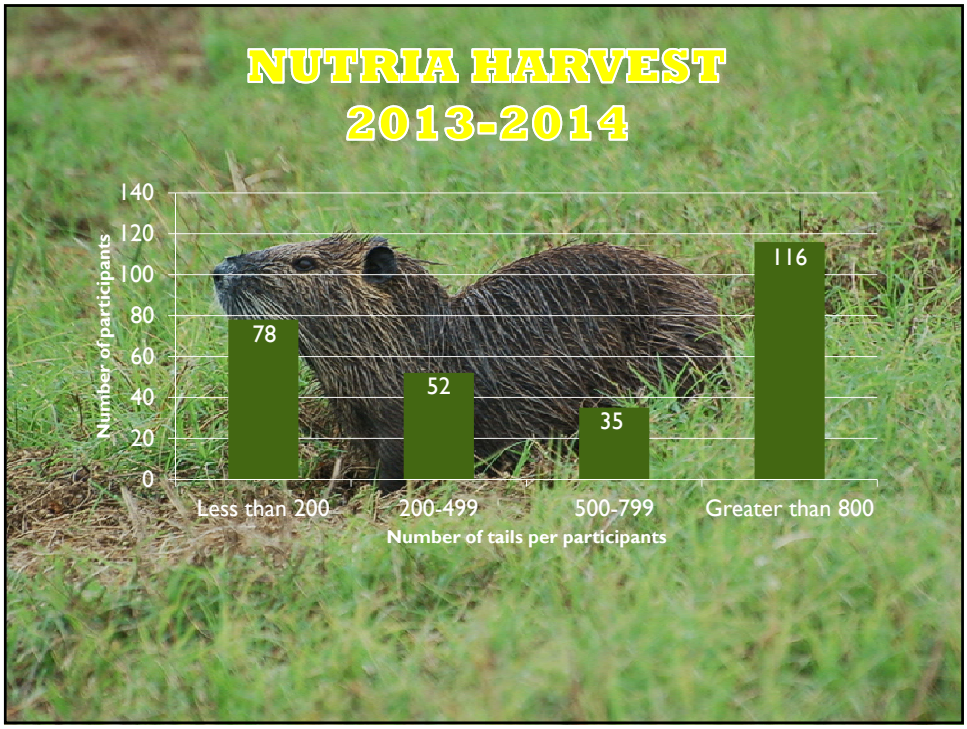
- A total of 388,264 nutria tails, worth $1,941,320 in incentive payments were collected.
- 281 active participants.

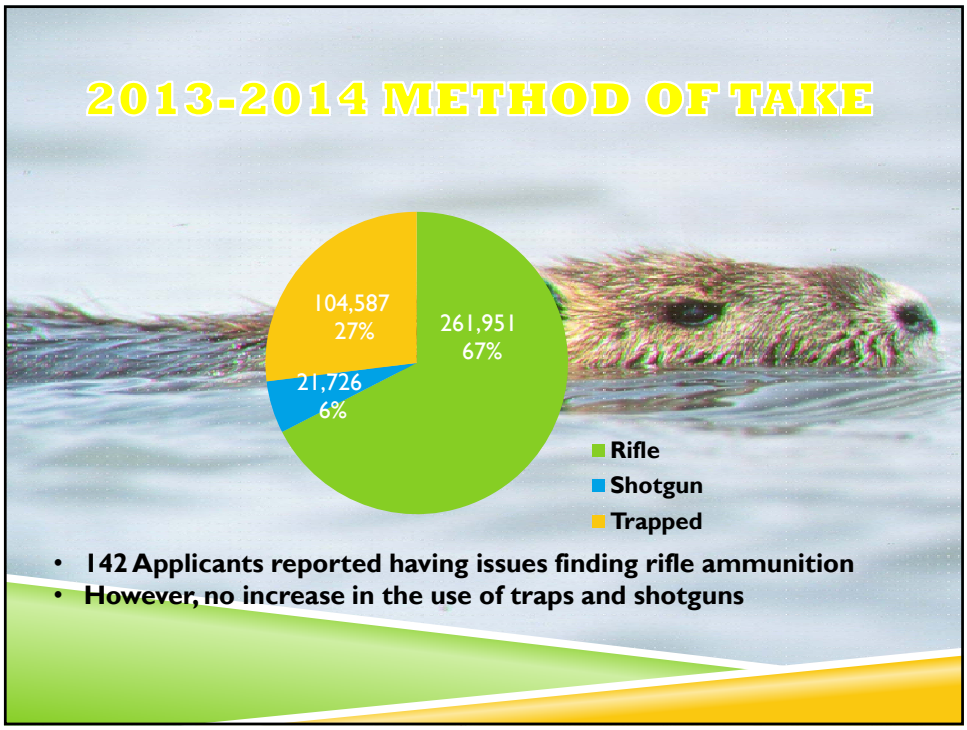

Nutria Harvest and Acres of Damage with Participants
Nutria Harvest and Acres of Damage
500,000
450,000
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
400
350
300
250
200
150
100
50
0
Participants
02-03 03-04 04-05 05-06 06-07 07-08 08-09 09-10 10-11 11-12 12-13 13-14
Season
Harvest
Damaged Acres
Participants


Nutria Harvest
#Nutria Harvested
500,000
450,000
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
Nutria Harvest and Wetland Demonstration Program—Prior to CNCP
Coastwide Nutria Control Program
1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014
Year

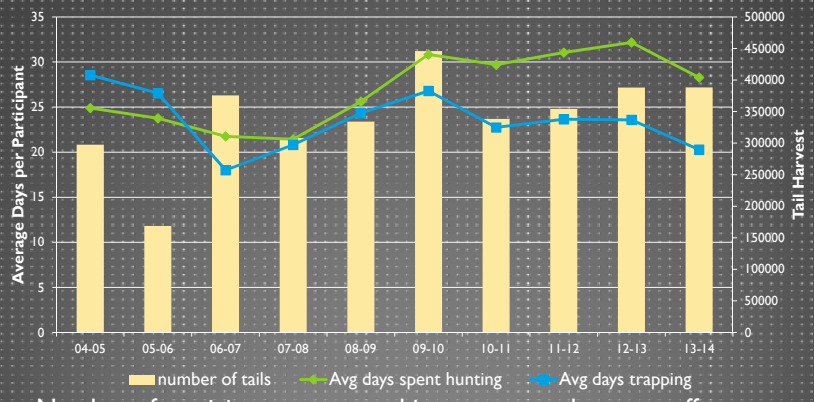

MONTHLY NUTRIA HARVEST
2013-2014
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
13,037
43,316
131,006
102,007
98,898
November
December
January
February
March


HARVEST BY MARSH TYPE
2013-2014
250,000
200,000
150,000
100,000
50,000
0
200,697
47,974
15,250
8,251
116,092
Fresh Marsh
Intermediate Marsh
Brackish Marsh
Salt Marsh
Other


NUTRIA HARVEST
2013-2014
140
120
100
80
60
40
20
0
Number of participants
78
52
35
116
Less than 200
200-499
500-799
Greater than 800
Number of tails per participants


2013-2014 METHOD OF TAKE
104,587
27%
261,951
67%
21,726
6%
Rifle
Shotgun
Trapped
• 142 Applicants reported having issues finding rifle ammunition
• However, no increase in the use of traps and shotguns

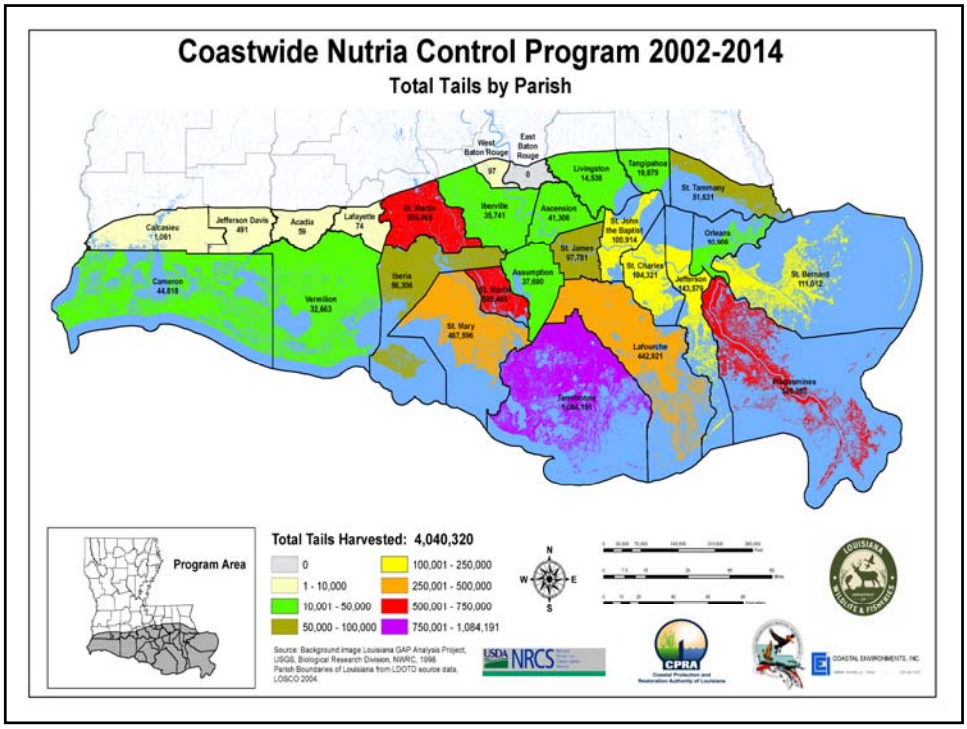
HUNTING EFFORT



- Number of participants went up this past season, however, effort per hunter went down

Night Time Hunting

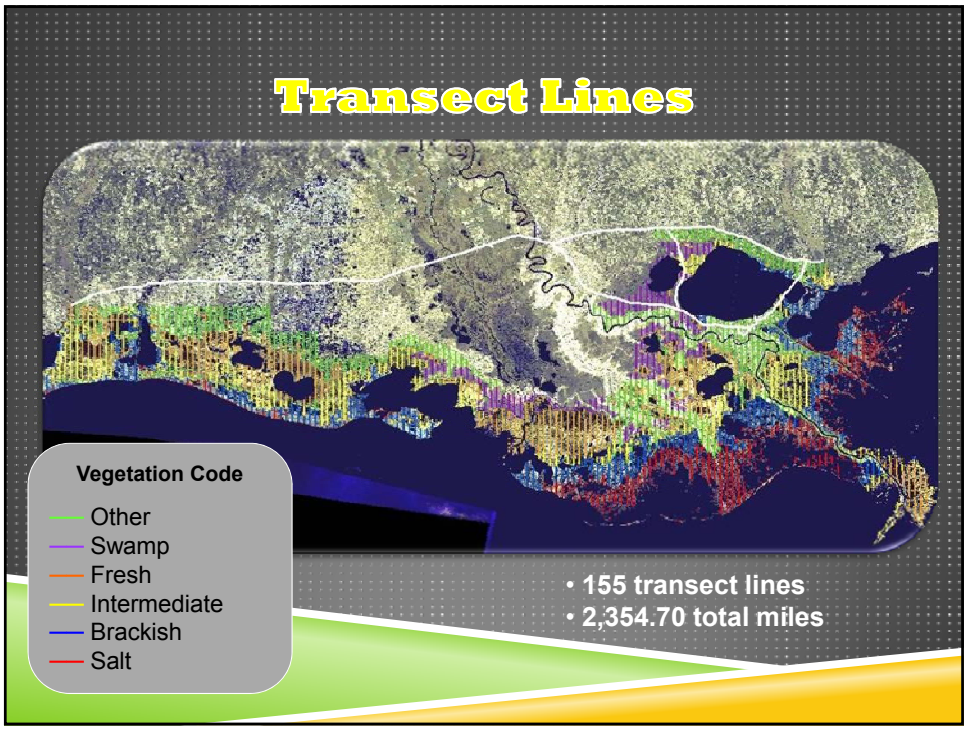
- Hunting at night is allowed during the month of March on privately owned property with written landowner permission.
- 8,392 tails were collected at night by 19 participants.
- 13 participants hunted only one night,
- 5 participants hunted 2 nights,
- 1 participant hunted 3 nights



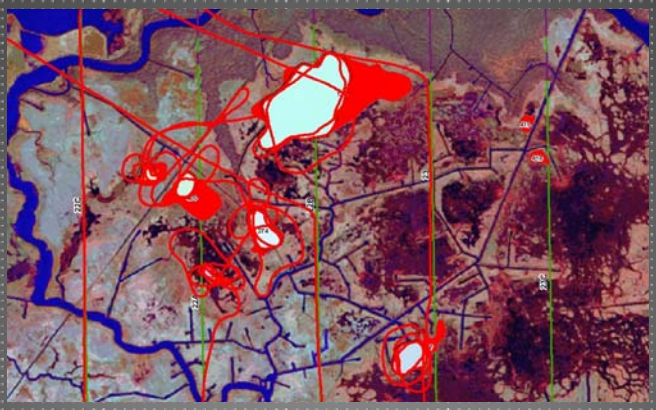
Crew :

- **Two observers positioned on opposite sides of the helicopter. One observer navigates along the transect line and the other observer records all pertinent data.**

206-B Bell Jet Ranger
Inside View
N930NV

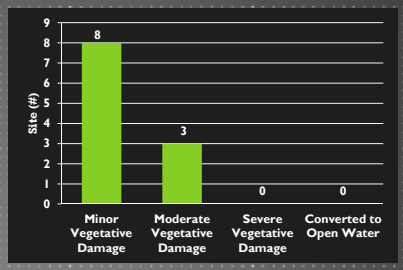

Transect Lines
Vegetation Code
Other
Swamp
Fresh
Intermediate
Brackish
Salt
• 155 transect lines
• 2,354.70 total miles

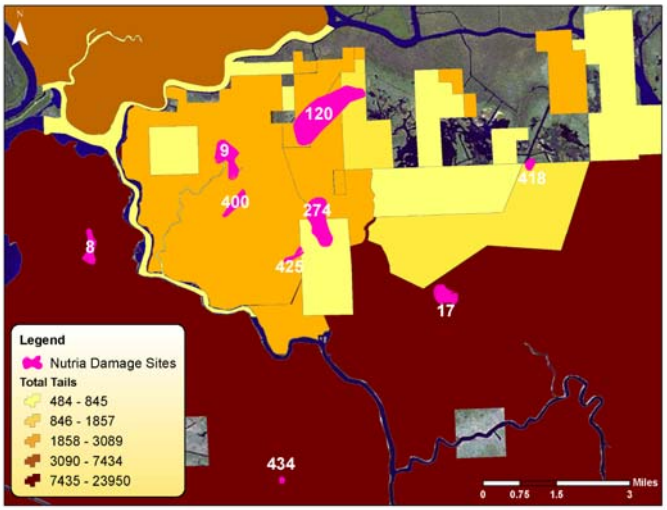
Flying a Damage Site Polygon



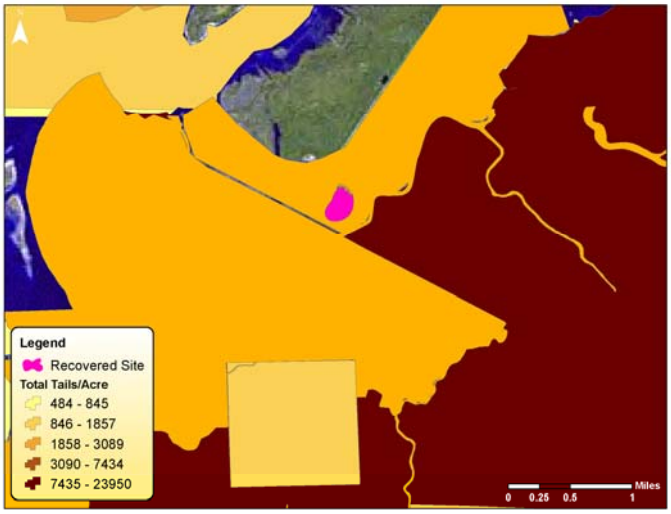
Site	Acres	VDR	Age
8 ↓	65	moderate	Old recovering
9 ↑	129	moderate	Old not recovering
17 ↓	67	minor	Old recovering
120 ↑	487	minor	Old not recovering
274 ↑	217	minor	Old not recovering
400 ↓	60	minor	Old recovering
418 ↓	23	minor	Old recovering
425 ↑	22	minor	Old recovering
430 ↓	29	minor	Recovered
432 ↓	4	minor	Recovered
433 ↓	14	minor	Old recovering
434 ↓	8	minor	Old recovering
435 ↑	23	moderate	Current

-13 total nutria damage sites
-1,115 acres damaged along transects





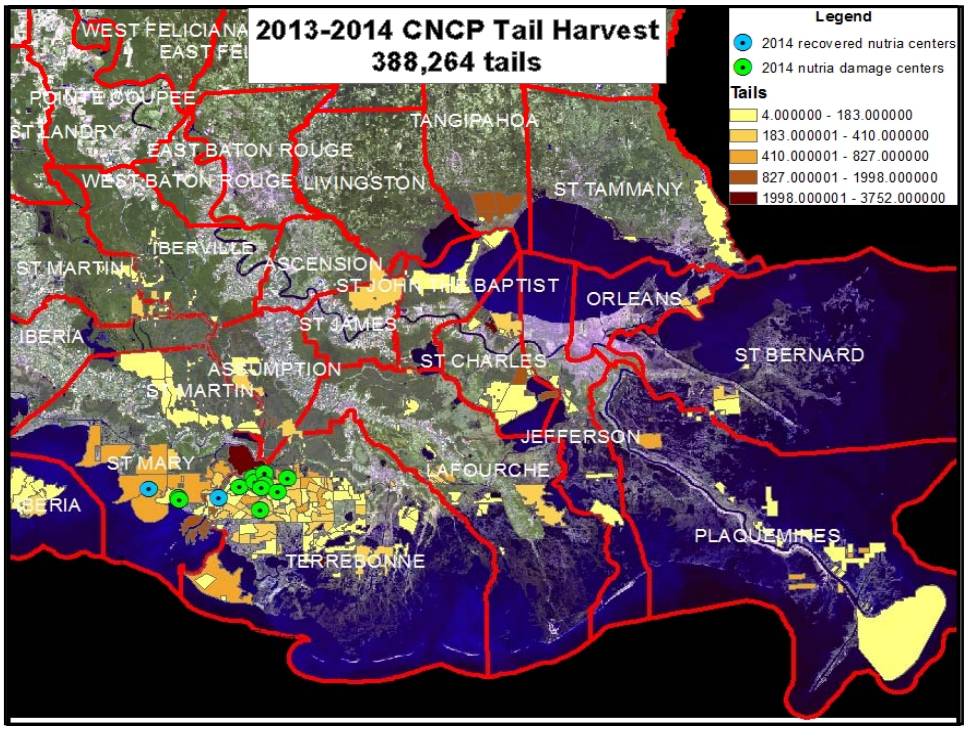
- Takes were lower on the damage sites that grew in 2014, 9, 120, 274, & 425
- Aerial surveys showed an abundance of nutria present
- Efforts are being made to work with the land owners

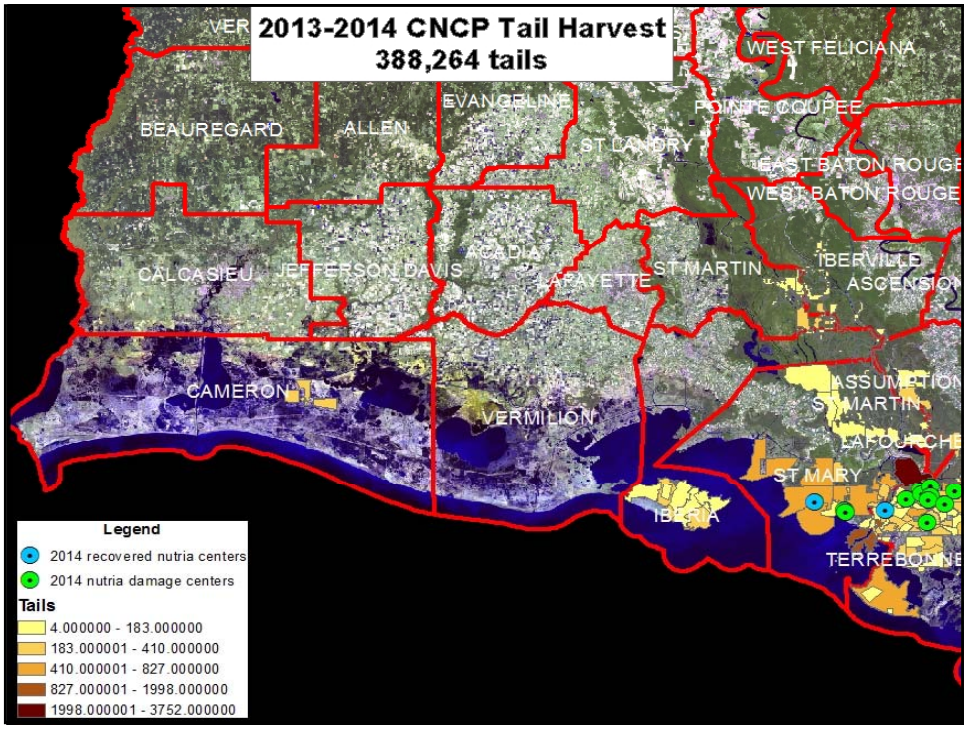


- Site 420 was located on a lease with high harvest
- No nutria were spotted from the air and the site is considered recovered

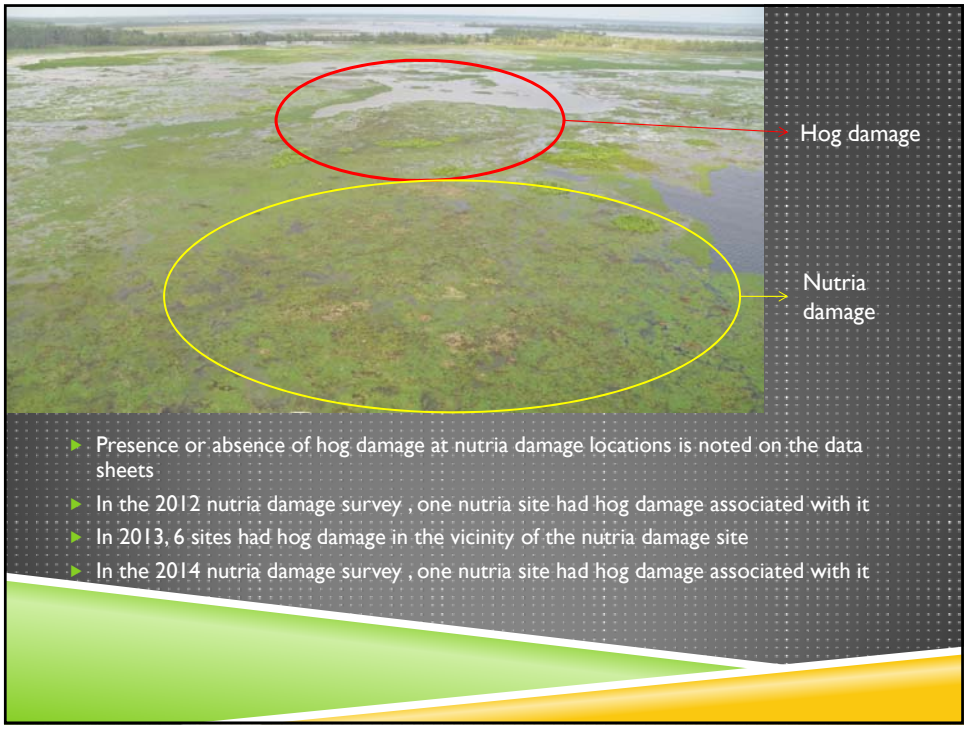
2014 Nutria Damage Survey

- The 2014 Vegetative Damage Survey yielded 4,181 acres of nutria damage coastwide.
- Compared to 2013 (4,624 acres coastwide), this was approximately a 9.5% decrease in the number of damaged acres in 2014.
- The recovered sites (2) in 2014 had an acreage of 34.




2013-2014 CNCP Tail Harvest
388,264 tails
WEST FELICIANA
BEAUREGARD
ALLEN
EVANGELINE
POINTE COUPEE
ST LANDRY
EAST BATON ROUGE
WEST BATON ROUGE
CALCASIEU
JEFFERSON DAVIS
ACADIA
LAFAYETTE
ST MARTIN
IBERVILLE
ASCENSION
CAMERON
VERMILION
ASSUMPTION
ST MARTIN
LAFOURCHE
ST MARY
IBERIA
TERREBONNE
Legend
2014 recovered nutria centers
2014 nutria damage centers
Tails
4.000000 - 183.000000
183.000001 - 410.000000
410.000001 - 827.000000
827.000001 - 1998.000000
1998.000001 - 3752.000000

HOG DAMAGE



- Presence or absence of hog damage at nutria damage locations is noted on the data sheets
- In the 2012 nutria damage survey , one nutria site had hog damage associated with it
- In 2013, 6 sites had hog damage in the vicinity of the nutria damage site
- In the 2014 nutria damage survey , one nutria site had hog damage associated with it

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

ANNUAL REQUEST FOR INCREMENTAL FUNDING FOR FY17 ADMINISTRATIVE COSTS FOR CASH FLOW PROJECTS

For Decision:

The U.S. Army Corps of Engineers will request funding approval in the amount of $26,142 for administrative costs for cash flow projects beyond Increment 1.

Technical Committee Recommendation:

The Task Force will consider the Technical Committee's recommendation to approve the request for funds.

ANNUAL REQUEST FOR INCREMENTAL FUNDING FOR FY17 ADMINISTRATIVE COSTS FOR CASH FLOW PROJECTS

For Decision:

The U.S. Army Corps of Engineers will request funding approval in the amount of $26,142 for administrative costs for cash flow projects beyond Increment 1. The Technical Committee will consider and vote to make a recommendation to the Task Force on the request for funds for the following projects:

- Barataria Basin Landbridge Shoreline Protection (BA27c), PPL-9, NRCS
  Incremental Funding amount: $1,736

- Delta Management at Fort St. Philip (BS-11), PPL-10, USFWS
  Incremental Funding amount: $1,100

- Coastwide Nutria Control Program (LA-03b) PPL-11 NRCS
  Incremental Funding amount: $1,133

- Coastwide Vegetative Planting (LA-39), PPL-20, NRCS
  Incremental Funding amount: $2,743

- Coastwide Reference Monitoring System (CRMS)
  Incremental Funding amount: $2,000

- GIWW - Perry Ridge West Bank Stabilization (CS-30), PPL9, NRCS
  Incremental funding amount: $1,091

- Lake Borgne Shoreline Protection Project (PO-30), PPL10, EPA
  Incremental Funding amount: $968

- North Lake Mechant Landbridge Restoration, (TE-44), PPL-10, FWS
  Incremental Funding amount: $1,100

- Barataria Basin Landbridge Shoreline Protection Phase 4, (BA-27d), PPL-11, NRCS
  Incremental Funding amount: $1,098

- Little Lake Shoreline Protection/ Dedicated Dredging, (BA-37), PPL-11, NMFS
  Incremental Funding amount: $1,133

- Barataria Barrier Island Complex: Pelican Island and Pass La (BA-38), PPL-11, NMFS
  Incremental Funding amount: $817

- Pass Chaland to Grand Bayou Pass Barrier Shoreline Rest (BA-35), PPL-11, NMFS
  Incremental Funding amount: $927

- West Lake Boudreaux Shoreline Protection and Marsh Creation, (TE-46), PPL-11, FWS
  Incremental Funding amount: $927

- Raccoon Island Shoreline Protection/Marsh Creation, (TE-48), PPL-11, NRCS
  Incremental Funding amount: $940

- South White Lake Shoreline Protection (ME-22), PPL12, COE
  Incremental funding amount: $1,311

- Mississippi River Sediment Delivery System - Bayou Dupont (BA-39), PPL12, EPA
  Incremental Funding amount: $902

- West Belle Pass Barrier Headland Restoration, (TE-52), PPL-16, NMFS
  Incremental Funding amount: $900

- South Lake Lery Marsh Creation and Shoreline Protection (BS-16), PPL17, FWS
  Incremental Funding amount: $1,089

- GIWW to Clovelly Hydrologic Restoration (BA-02), PPL-1, NRCS
  Incremental Funding amount: $1,373

- Brady Canal Hydrologic Rest, (TE-28), PPL-3, NRCS
  Incremental Funding amount: $1,373

- Black Bayou Hydrologic Restoration (CS-27), PPL-6, NMFS
  Incremental Funding amount: $1,481

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

REQUEST FOR FUNDING FOR THE CWPPRA PROGRAM'S TECHNICAL SERVICES

For Decision:

The U.S. Geological Survey (USGS) and CPRA are requesting funding for technical services for the CWPPRA program in the amount of $171,410.

Technical Committee Recommendation:

The Task Force will consider the Technical Committee's recommendation to approve the request for funding for technical services in the amount of $171,410.

United States Department of the Interior

U.S. GEOLOGICAL SURVEY
BIOLOGICAL RESOURCES DIVISION

National Wetlands Research Center

April 2, 2014

Scope of Work

Technical Services to the CWPPRA Program

Accurate and timely information is critical to large, interagency programs such as CWPPRA for project planning and interacting with the general public. Due to the spatial extent of the CWPPRA program, the number of stakeholders involved, and the amount of Federal and State dollars associated with the program, the continued maintenance of project, GIS, and website data are necessary to ensure the most up to date and accurate data are available. It is the goal of USGS to provide the CWPPRA partners and the public with timely and accurate information about the program and the constructed projects, as well as, aid project managers during project reevaluation.

Project Information Database Maintenance Task Description:

NWRC has created and maintains a real-time, interactive, internet-based data management system, which provides consistent, current programmatic information. This system comprised of several synchronized database components deployed in various locations which serve specific tasks at their respective location ranging from tracking project costs to progress milestones. This information system is currently working with several CWPPRA databases including: Outreach Committee's standardized public project fact sheets, CWPPRA budget analyst reports and databases, the WVA working group spreadsheets, and the USGS CWPPRA project mapping effort. Additionally, the presence of this system allows staff to "database enable" the CWPPRA fact sheets thus allowing the inclusion of real-time information which directly addresses the conflicting information problem.

As security requirements governing federal systems change, there is a need to ensure that the CWPPRA project information database complies with current with information exchange policies wherever a database component is deployed.

As the primary mechanism for integrating databases across the five Task Force agencies and the State of Louisiana, this system is critical to ensure consistent, accurate information exchange and dissemination between the many moving parts of CWPPRA and ensures resources are available to address any problems or user needs in a timely manner.

CWPPRA Website (www.LACoast.gov) Maintenance Task Description:

The CWPPRA website currently provides a continuous online presence for federal/state partners and the general public to access the latest information on CWPPRA, its projects, partners, and other pertinent information related to Louisiana's coastal wetlands conservation and restoration. The LaCoast.gov website is an interface between the public and the program. NWRC utilizes web server hardware and software, and performs system management, backup and recovery

maintenance, and programming efforts for the www.LaCoast.gov website. This task includes storing and distributing WaterMarks, fact sheets, videos, legislative links, and educational materials, as well as, daily maintenance and update of text and links.

GIS Task Description:

During Phase I of a CWPPRA project it may be necessary to reevaluate that project to facilitate a scope change. NWRC provides the project manager with GIS support that consists of spatial data analyses, maps, graphics, and technical support utilizing the most recent spatial data sets available. Providing these products and services to CWPPRA agencies requires a standardized GIS data management environment and a good deal of coordination with those project managers.

Technical Services for FY15

Description	Cost
Project Information Database Maintenance - USGS	$41,710
CWPPRA Website (www.LACoast.gov) Maintenance	$55,000
GIS Support for CWPPRA Constructed Project Activities	$74,700
TOTAL	$171,410

Deliverables:

Project Information Database Maintenance Task

- Programming and database administration
- Data enabling fact sheets
- Federal security review

CWPPRA Website Maintenance Task

- Active and updated CWPPRA website maintained on daily basis
- Summary of CWPPRA website activities (Three times per year at Task Force meetings)

GIS Task

- Updated WVA analysis for In Phase projects
- Fact Sheet maps for In Phase and newly selected PPL projects
- Miscellaneous requests for CWPPRA agencies

Points of Contact:

Craig Conzelamnn, Physical Scientist
USGS - National Wetlands Research Center
700 Cajundome Blvd
Lafayette, LA 70506
work: 337-266-8842
mobile: 337-356-6510
Email: conzelmannc@usgs.gov

Michelle Fischer, Geographer
USGS - National Wetlands Research Center, Coastal Restoration Assessment Branch
c/o Livestock Show Office, Parker Coliseum, LSU
Baton Rouge, LA 70803
Ph: 225-578-7483
Email: fischerm@usgs.gov

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

REQUEST FOR TRANSFER OF FUNDS FROM THE PPL 2 – WEST BELLE PASS HEADLAND RESTORATION PROJECT (TE-23) OPERATIONS & MAINTENANCE TO MONITORING

For Decision:

The USACE and CPRA have determined that a minimum of two land/water analyses for the TE-23 project area, one each for years 2008 and 2012 respectively, are required to access the impact of a 2007 Port Fourchon Navigation Channel Federal maintenance event in which dredged material was placed within the TE-23 project area. The cost of performing these land/water analyses is $28,375 and would be undertaken in 2015.

Technical Committee Recommendation:

The Task Force will consider the Technical Committee's recommendation to approve the requested transfer of funds.

Request for Transfer of Funds from the PPL2 – West Belle Pass Headland Restoration Project (TE-23) Operations & Maintenance to Monitoring
Fact Sheet
September 11, 2014

Project Name: West Belle Pass Headland Restoration (TE-23)
PPL: 02
Federal Sponsor: U.S. Army Corps of Engineers
Construction Completion Date: 15 Aug 1998
Project Close-out Date: 15 Aug 2018

Project Description: The West Belle Pass Headland Restoration (TE-23) project constructed marsh creation and shoreline protection features along the Bayou Lafourche and Belle Pass navigation channel in Lafourche Parish, Louisiana. The shoreline protection phase of the TE-23 project consists of a foreshore rock dike, two rock closures, and a submerged rock weir while the marsh creation phase contains marsh creation areas, an earthen retention dike, and three earthen closures. Sediments were hydraulically dredged from the navigation channel and placed inside the creation area to create saline marsh environments. The objectives of this project are 1) to reduce the encroachment of Timbalier Bay into marsh on the west side of Bayou Lafourche and Belle Pass by creating 184.0 acres (74.5 ha) of wetlands and 2) to prevent further shoreline retreat along the west bank of Belle Pass and Bayou Lafourche using armor stone. The goals established for the marsh creation phase of this project were 1) to create 184.0 acres (74.5 ha) of marsh and 2) increase marsh to open water ratio; the goal of the shoreline protection phase was 3) to decrease the rate of shoreline retreat along the project area shoreline.

Monitoring changes from the approved project: 1) Water level variability was dropped from the monitoring plan in 1998 due to budgetary constraints. 2) The 2006 habitat mapping event was moved to 2001 to provide post-construction habitat analysis for a comprehensive report. 3) All future shoreline position surveys (2006, 2012, and 2017) and a 2017 habitat mapping event were cancelled in 2003 due to reallocation of CWPPRA monitoring funds for the Coast-wide Reference Monitoring System (CRMS).

Explain why a monitoring funding increase is needed: Additional funding is needed to assess the impacts of a 2007 Port Fourchon Navigation Channel Federal maintenance event in which 620,000 cubic yards of dredged material were placed within the TE-23 project area. Currently, the portion of the project that received this additional dredged material is not being monitored. 2008 and 2012 CRMS aerial photos would be used to create land/water maps and conduct land/water analyses. Such analyses typically document vegetated marsh to open water ratios and marsh loss or growth rates. The resultant land/water maps would inform on how the land acreages created by this event are maintained over time and how the remaining parts of the project area persisted over time, addressing the sustainability of the environments created by construction of the TE-23 project and the 2007 maintenance event. Currently, $22,899 are available in the Monitoring fund and are scheduled for future activities related to project close-out; **$28,375** is needed for the 2008 and 2012 land/water analyses to be performed in 2015. It is proposed that $28,375 is transferred from the available Operations and Maintenance (O&M)

funds of $161,438, leaving $133,063 in the O&M fund which CPRA has determined at this time would be sufficient to meet the future O&M activities scheduled through the end of project life (in 2018). No increase in the approved fully funded project cost estimate is sought – only a transfer of available funds from O&M to Monitoring.

	Operations and Maintenance	Monitoring
Current Available Funding:	$ 161,438	$ 22,890
Funding if Transfer Approved:	$ 133,063	$ 51,265

USACE and CPRA would like to transfer West Belle Pass Headland Restoration (TE-23) project operations & maintenance (O&M) funds to monitoring. The $28,375.00 fund transfer would provide for 2 land/water maps of the project area in 2008 and 2012. The reason for additional funding is because a TE-23 maintenance event occurred in 2007. During this maintenance event, additional dredge material (620,000 yd^3) was placed inside the TE-23 project area and a sheet pile wall was constructed. This maintenance event was jointly funded using TE-23 construction, O&M, and USACE channel maintenance (CEMVN O&M) resources. Currently, the portions of the project that received additional sediments are not being monitored. The land/water analysis would assess the impacts of the maintenance event on the TE-23 project area. The 2 land/water maps would not only inform on how the land acreages created by this event are maintained over time but would also inform on how the remaining parts of the project area persisted over time. Therefore, the 2 land/water maps will inform on the sustainability of the environments created by construction of the TE-23 project and the 2007 maintenance event. The 2nd (2012) land/water map is needed to determine if land acreage was impacted by the passage of T. S. Lee in 2011 (4-6 ft storm tide) and Hurricane Isaac in 2012. The latter tropical storm made landfall near the TE-23 project with 70 kt winds. The 2 maps would also provide a mechanism to perform a final assessment of this project before the end of its 20 yr life. The original TE-23 fund transfer was to cost $69,895.00. However, the project team (USACE and CPRA) revised the proposal by eliminating a 3rd mapping event and modifying the land/water methodologies to a more automated and economical process.

October 2002
Cost figures as of: August 2014

West Belle Pass Headland Restoration (TE-23)

Project Status

Approved Date: 1992 **Project Area:** 2,459 acres
Approved Funds: $6.82 M **Total Est. Cost:** $6.82 M
Net Benefit After 20 Years: 474 acres
Status: Completed July 1998
Project Type: Dredged Material and Shoreline Protection
PPL #: 2

Location

The project is located just west of Port Fourchon, Louisiana, in Lafourche Parish. It covers 2,459 acres of saline marsh. The project is bounded by Belle Pass to the east, the Gulf of Mexico shore to the south, and Timbalier Bay to the west.

Problems

The encroachment of Timbalier Bay into the marshes west of Belle Pass, and ultimately its connection with Bayou Lafourche, threatens the physical integrity of the entire Fourchon headland. Timbalier Bay is encroaching into the marshes on the west side of Bayou Lafourche, and wave action is eroding its banks.

Breaches in the Bayou Lafourche and Belle Pass banks were causing tidal scour in the interior marshes. The project reduced the encroachment of Timbalier Bay into the interior marshes by using dedicated dredged materials to create wetlands. Dams and controls were constructed on channel cross sections.

Restoration Strategy

Approximately 1.5 million cubic yards of material were dredged from Bayou Lafourche and used to build 184 acres of marsh on the west side of Belle Pass. Another 240,000 cubic yards of material were placed on the shore for beach nourishment.

A water control structure was placed in the Evans Canal, and plugs were placed in other canals. Almost 17,000 feet of riprap were placed on the west side of Belle Pass and Bayou Lafourche to protect the shoreline from persistent wave-induced erosion.

In the photo above, the Gulf of Mexico is in the foreground, and Belle Pass is the wide channel that can be seen curving off to the right near the top of the image. The riprap dike that was constructed runs along its western bank. The brown, white, and green areas just above the gulf's shoreline and to the left of Belle Pass is where the deposited dredge material has promoted newly emergent marsh.

Progress to Date

Oyster leases in the project area were purchased by the Greater Lafourche Port Commission to expedite implementation of the project. Louisiana Land and Exploration Company project lands were deeded to the state of Louisiana and approved by the state legislature on August 14, 1997.

Construction was completed in July 1998. Monitoring is underway by the Louisiana Department of Natural Resources and operation and maintenance are scheduled for the future. This project is on Priority Project List 2.

For more project information, please contact:

US Army Corps of Engineers
New Orleans District

Federal Sponsor:
U.S. Army Corps of Engineers
New Orleans, LA
(504) 862-1597

CPRA

Local Sponsor:
Coastal Protection and Restoration Authority
Baton Rouge, LA
(225) 342-4736

West Belle Pass Headland Restoration (TE-23)

- Plug
- Weir
- Containment Dike/ Spoil Bank
- Shoreline Protection
- Project Boundary

N

0.5 0 0.5 Miles

0.5 0 0.5 Kilometers

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

Background Imagery:
1998 Digital Orthophoto Quarter Quadrangle

Map Date: August 22, 2002
Map ID: 2002-11-707
Data accurate as of: August 22, 2002

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

REQUEST FOR MONITORING INCREMENTAL FUNDING AND BUDGET INCREASES

For Decision:

The Task Force will consider the Technical Committee's recommendation to approve requests for total FY17 incremental funding in the amount of $9,712,695 and monitoring budget increases totaling $35,032.

a. PPL 9+ Projects requesting approval for FY17 incremental funding in the total amount of $204,451 for the following projects:
   - Barataria Basin Landbridge Shoreline Protection (BA-27c), PPL 9, NRCS
     Incremental Funding amount: $4,539
   - Delta Management at Fort St. Philip (BS-11), PPL 10, FWS
     Incremental Funding amount: $17,271
   - Coastwide Nutria Control Program (LA-03b) PPL 11 NRCS
     Incremental Funding amount: $91,019
   - Coastwide Vegetative Planting (LA-39), PPL 20, NRCS
     Incremental Funding amount: $91,622

b. PPL 1-8 Project requesting approval for FY17 incremental funding in the total amount of $33,946:
   - Naomi Outfall Project (BA-03c), PPL 5, NRCS
     Incremental Funding amount: $5,571
   - West Belle Pass Headland Restoration (TE-23), PPL 2, USACE
     Incremental Funding amount: $28,375

c. Coastwide Reference Monitoring System (CRMS) requesting approval for FY17 incremental funding in the total amount of $9,439,266:
   - Incremental funding (FY13 – FY15): $9,439,266

d. PPL 1-8 Projects requesting approval for a budget increase in the amount of $35,032 and FY17 incremental funding in the amount of $35,032 for the following project:
   - Highway 384 Hydrologic Restoration (CS-21), PPL 2, NRCS
     Budget increase amount: $35,032
     Incremental Funding amount: $35,032

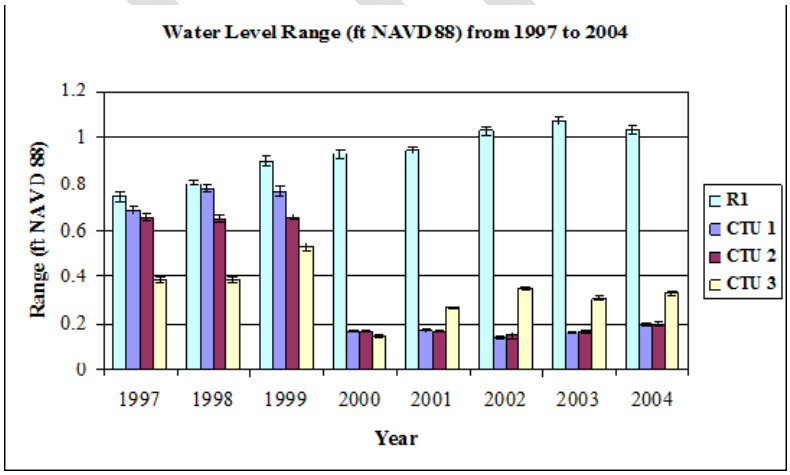
Request for CWPPRA Project Monitoring Funding Increase
Project Performance Synopsis
September 11, 2014

Highway 384 Hydrologic Restoration (CS-21)

The La. Highway 384 Hydrologic Restoration project area is bounded by Calcasieu Lake to the west, the Gulf Intracoastal Waterway (GIWW) to the east, and higher elevation prairie formations to the north and south in Cameron Parish (Figure 1). Human-induced enlargement of tidal exchange routes with Calcasieu Lake are the primary causes of wetland loss in the project area via increased tidal volumes and saltwater intrusion. The objective of the project is to protect and maintain approximately 935 ac (378 ha) of intermediate to brackish wetlands by reducing water level variability using structural modifications to alter hydrologic conditions, thereby increasing the abundance of emergent vegetation. Construction of the La. Highway 384 Hydrologic Restoration Project began on October 20, 1999 and was completed on January 4, 2000. The principal project features include (Figure 1):

1. Approximately 95 ft (28 m) of armored plug (ES-8) to reduce hydrologic exchange with Calcasieu Lake and to decrease tidal scour and salinity in the project area (existing exchange point in CTU 1).
2. Set of 3 culverts (ES-1), each with a manual sluice gate on the exterior and a flap gate on the interior to provide controlled freshwater introduction from the GIWW (CTU 2/CTU 3 perimeter levee).
3. Set of 2 culverts (ES-12), each with a variable-crested weir inlet and flap gated outlet to reduce and stabilize tidal ranges and salinity in project area south of the central shell road in CTU 1 (existing shell road along north side of CTU 1).
4. Maintenance of 1 flow-through culvert (ES-11) to maintain an existing storm water drainage point for the adjacent prairie formation (existing southern perimeter embankment of CTU 2).

The CS-21 project was initially monitored from 1997 through 2002, and vegetation monitoring temporarily resumed following Hurricane Rita (2006-2008). The goals to decrease marsh loss, reduce water-level variability, maintain target salinities, and increase coverage of submerged aquatic vegetation (SAV) within shallow open water areas have been met. The project area gained twice as much land as the reference area from 1997-2002. Water-level variability was reduced by 2-3 times within the project areas and > 4 times relative to the reference (see figure below). The percent of time within salinity target ranges greatly increased. Coverage of SAV increased more within the project area than in the reference areas. The project area maintained a less salty vegetation community than reference areas since construction and recovered from the hurricanes.



Discrete hydrologic data has been collected for Operations and Maintenance. Additional monitoring (SAV, emergent vegetation, and analysis) would verify if project success has continued as end of project life approaches.

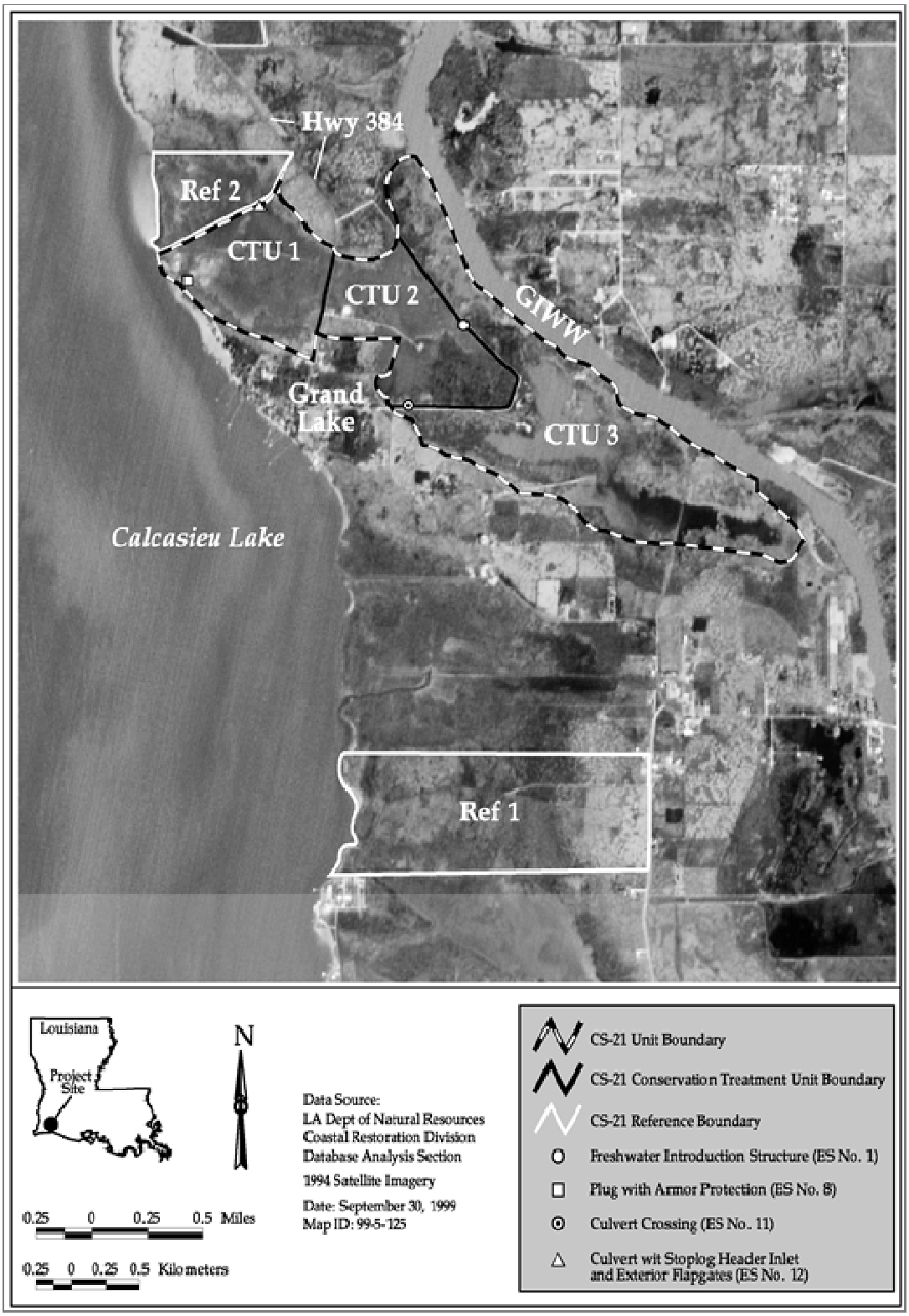


Figure 1. Map of the Hwy 384 Hydrologic Restoration (CS-21) project and reference areas boundaries and features.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

REQUEST FOR OPERATION AND MAINTENANCE (O&M) INCREMENTAL FUNDING AND BUDGET INCREASES

For Decision:

The Task Force will consider the Technical Committee's recommendation to approve requests for total FY17 incremental funding in the amount of $5,943,800 and O&M budget increases totaling $436,203.

a. PPL 9+ Projects requesting approval for FY17 incremental funding in the total amount of $5,259,404 for the following projects:
    - GIWW - Perry Ridge West Bank Stabilization (CS-30), PPL 9, NRCS
      Incremental funding amount: $6,330
    - Four Mile Canal Terracing and Sediment Trapping (TV-18), PPL 9, NMFS
      Incremental Funding amount: $16,557
    - Barataria Basin Landbridge Shoreline Protection, Phase 3, (BA-27c), PPL 9, NRCS
      Incremental Funding amount: $4,582
    - Lake Borgne Shoreline Protection (PO-30), PPL 10, EPA
      Incremental Funding amount: $6,486
    - North Lake Mechant Landbridge Restoration, (TE-44), PPL 10, FWS
      Incremental Funding amount: $86,791
    - Delta Management at Ft. St, Phillip (BS-11), PPL 10, FWS
      Incremental Funding amount: $5,511
    - Barataria Basin Landbridge Shoreline Protection Phase 4, (BA-27d), PPL 11, NRCS
      Incremental Funding amount: $4,624
    - Little Lake Shoreline Protection/ Dedicated Dredging Near Round Lake, (BA-37), PPL 11, NMFS
      Incremental Funding amount: $75,872
    - Barataria Barrier Island Complex: Pelican Island and Pass La Mer to Chaland Pass Restoration (BA-38), PPL 11, NMFS
      Incremental Funding amount: $22,327
    - Pass Chaland to Grand Bayou Pass Barrier Shoreline Restoration (BA-35), PPL 11, NMFS
      Incremental Funding amount: $6,357
    - Coastwide Nutria Control Program (LA-03b), PPL 11, NRCS
      Incremental funding amount (FY16): $2,324,019
    - West Lake Boudreaux Shoreline Protection and Marsh Creation, (TE-46), PPL 11, FWS

Incremental Funding amount: $5,602

- Raccoon Island Shoreline Protection/Marsh Creation, (TE-48), PPL 11, NRCS
  Incremental Funding amount: $3,439
- South White Lake Shoreline Protection (ME-22), PPL 12, USACE
  Incremental funding amount: $8,152
- Mississippi River Sediment Delivery System - Bayou Dupont (BA-39), PPL 12, EPA
  Incremental Funding amount: $7,058
- West Belle Pass Barrier Headland Restoration, (TE-52), PPL 16, NMFS
  Incremental Funding amount: $354,548
- South Lake Lery Marsh Creation and Shoreline Protection (BS-16), PPL 17, FWS
  Incremental Funding amount: $6,534
- Coastwide Vegetative Planting (LA-39), PPL 20, NRCS
  Incremental Funding amount: $2,314,615

b. PPL 1-8 Project requesting approval for FY17 incremental funding in the total amount of $585,859:
   - GIWW to Clovelly Hydrologic Restoration (BA-02), PPL 1, NRCS
     Incremental Funding amount: $25,438
   - Highway 384 Hydrologic Restoration (CS-21), PPL 2, NRCS
     Incremental Funding amount: $22,656
   - Point au Fer Canal Plugs (TE-22), PPL 2, NMFS
     Incremental Funding amount: $9,925
   - West Belle Pass Headland Restoration, (TE-23), PPL 2, USACE
     Incremental Funding amount: $9,453
   - Cameron Creole Maintenance (CS-04a), PPL 3, NRCS
     Incremental Funding amount: $133,407
   - Lake Chapeau Sediment Input and Hydrologic Restoration, Point Au Fer Island (TE-26), PPL 3, NMFS
     Incremental Funding amount: $9,800
   - Brady Canal Hydrologic Rest, (TE-28), PPL 3, NRCS
     Incremental Funding amount: $100,695
   - Black Bayou Hydrologic Restoration (CS-27), PPL 6, NMFS
     Incremental Funding amount: $269,904
   - Barataria Basin Landbridge Shoreline Protection, Phases 1 and 2, (BA-27), PPL 7, NRCS
     Incremental Funding amount: $4,581

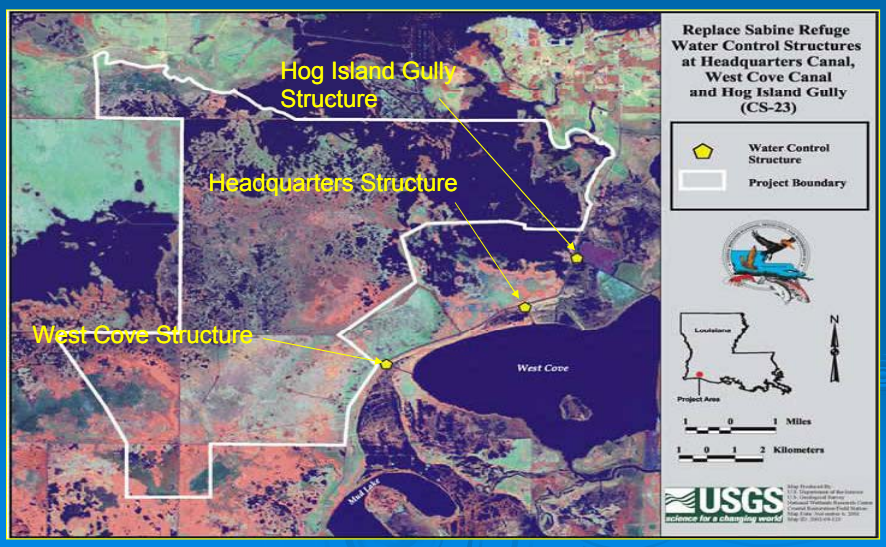
c. PPL 1-8 Project requesting approval for a budget increase in the amount of $436,203 and FY17 incremental funding in the amount of $98,537 for the following project:
   - Replace Sabine Refuge Water Control Structures at Headquarters Canal, West Cove Canal, and Hog Island Gully (CS-23), PPL 3, FWS
     Budget increase amount: $436,203
     Incremental Funding amount: $98,537

Sabine Refuge Structures Replacement Project O&M Increase (CS-23)

September 11, 2014

Technical Committee Meeting

Sabine Refuge Structures Replacement Project (CS-23) Features



Location, Goals & Objectives

- **Located on Sabine National Wildlife Refuge, 9 mi (14.5 km) south of Hackberry, Cameron Parish, LA.**
- **Goal - To control salinity & water levels to maintain emergent vegetation & SAVs within the eastern Sabine NWR project area.**
- **Objective – Increase the cross-sectional area of existing structures by 370% to reduce salinities & control water levels.**
- **CWPPRA PPL 3 list; construction completed in 2003; 20 year life 2023.**

Project Features

- Hog Island Gully Structure - 4, 7.5 foot by 8 foot-deep bays & 2, 3 foot by 8 foot-deep bays with flapgates on 3 of 4 large gates.
- West Cove Canal Structure - 3, 7.5 foot by 8 foot-deep bays & 2, 3 foot by 8 foot-deep bays with flapgates on 2 of 4 large gates.
- Headquarters Canal Structure - 3, 5 foot-diameter culverts with exterior (lakeside) flapgate/sluice gates on each.

Hog Island Gully Structure

Headquarters Structure

West Cove Structure (upper level)

Construction Dates

- Construction began - November 1999
- Initially completed - Hog Island Gully, West Cove, & Headquarters Canal structures in August 2000, June 2001, & February 2000, respectively.
- Construction was not complete until September 2003 due to post construction structure operation issues.

Maintenance Events

- 2001 (in construction) - Installed electrical transformers & filters to overcome 3-phase issue.
- 2003 (completed construction)– Installed rotary phase converters. ($20,000).
- 2005 – Gate repairs at all structures ($13,216).
- 2008 – TVA connected true 3-phase power & rewired the Hog Island Gully & West Cove structures. ($232,949).
- 2011 – Gate repairs to all structures, added dual stems, new actuators, & modifications to platforms. ($1,288,934)

Hog Island Gully Structure Typical Dual Stem Installation

FY 2015 to FY 2017 Proposed Operation & Maintenance Budget

- Sonde Maintenance Annual Contract – Operation sonde maintenance, data download, repair & replacement - $15,000/year.
- Structure repair - $15,000/year
- CPRA Inspections/administration - $10,000/year
- FWS Inspections/administration - $3,000/year
- Corps - $250/year

Total ~ $48,500/year; $436,203 for 9 years to 20 year life end.

- TOTAL Estimated Incremental O&M COST (FYs 2015 to FY 2017): $98,537

Sabine Structures (CS-23) O&M Increase Request

FY 14/15 Projected Budget:	$ 43,250
FY 15/16 Projected Budget:	$ 44,540
FY 16/17 Projected Budget:	$ 45,869
3-Year Budget Estimate:	$133,659
Remaining O&M Funds:	$ 35,122
3-year Incremental Funding Requested:	$ 98,537
O&M Budget Increase	$ 436,203
Revised O&M Budget	$ 2,225,071
Revised Total Project Budget	$ 6,177,735

Sabine Structures O&M Budget

Original Budget	2009 Budget Increase	2014 Budget Increase (request)	Total Revised O&M Budget
$567,987	$1,253,114 ($1,821,101)	$ 436,203	$2,225,071

	Baseline	2009 Increase	Proposed 2014 Increase
Project Cost	$4,581,454	$5,741,532	$6,177,735
Benefits	953 acres	953 acres	953 acres
Cost/Effectiveness	$4,807/acre	$6,025/acre	$6,482/acre

Rationale for CS-23 O&M Increase

- Contracted O&M sonde maintenance, downloads, & repair costs have been higher than expected.
- All 5 O&M sondes are now real-time via satellite transmission.
- Sabine Refuge staff previously maintained & performed data downloads, but FWS is no longer able to perform that service.
- The 2009-approved 2011 structure repairs & modifications were more costly than anticipated.

Activities to Lower Future O&M Costs

- Changed from annual to biannual structure inspections.
- Sabine NWR staff is conducting all monthly structure checks & operations.
- Considering removing 2 (40%) of the 5 real-time O&M monitoring sondes to reduce costs.

Request for CWPPRA Project O&M Funding Increase
Project Costs and Benefits Reevaluation
Fact Sheet
September 11, 2014

Project Name: Sabine Structures Replacement Project (CS-23) (Hog Island, etc. Replacement)
PPL: 3
Federal Sponsor: USFWS
Construction Completion Date: September 2003
Projected Project Close-out Date: September 2023

Project Description: Replacement of the existing Sabine National Wildlife Refuge Hog Island Gully, West Cove, and Headquarters Canal adjustable water control structures with larger structures (increased capacity by 370%) with greater management control. The Hog Island Gully replacement structure consists of 4, 7.5 foot-wide by 8 foot-deep bays and 2, 3 foot-wide by 8 foot-deep bays with flapgates on 3 of the 4 large gates. The West Cove structure consists of 3, 7.5 foot-wide by 8 foot-deep large bays and 2, 3 foot-wide by 8 foot-deep bays with 2 of the large bays with flapgates. The Headquarters Canal structure consists of 3, 5 foot-diameter culverts with exterior (lakeside) flapgate/sluice gates on each.

Construction changes from the approved project: No changes, but numerous structure operation issues have occurred post construction; true three phase electrical provided after Rita in 2008; Hog Island and West Cove structures modified in Dec. 2011 to include two stems per gate for greater stability.

Explain why O&M funding increase is needed: Increased contract operations costs since 2011, which include repairs to operational sondes, and minor repairs to the structures have created a budget shortfall for the remainder of the 20 year project life (9 years to 2023).

Detail O&M work conducted to date: (1) **December 2001** (in construction) - Electrical transformers and filters were added to the structures because the electrical service at the time was not the correct "3-Phase" electricity needed by structure actuators (motors).

(2) **September 2003 -** The structures continued to operate incorrectly in the automatic mode even with the filters. Rotary phase converters installed, eliminated motor reversal and other problems, at a cost of $20,000, for the Hog Island Gully and West Cove structures, but the structures continued to have operational problems. Those problems were caused by gates rubbing against the sides of bays caused by gate stems not able to pull gates up vertically.

(3) In **June 2005**, the following repairs were made; a) installed the operating nut in gate 6A, Hog Island Gully, b.) freed jammed gate 6b, Hog Island Gully, c.) replaced operating nut in gate 3A, West Cove, and d.) replaced the batteries in all Rotork Actuators and re-calibrated them for $13,216.

(4) In **June 2006**, the security fence and signage was replaced after H. Rita for $8,360.

(5) In **2008**, the TVA, under FWS contract with post-Rita funds, installed true 3-Phase power from Jeff Davis Electric Co-op transformers at Highway 27 to the structures, relocated all controls to the top platform, removed the rotary phase converter, and wired the actuators using an on-off control switch for $232,949. After repairs, one actuator each at Hog Island Gully, West Cove and Headquarters remained inoperable.

(6) The State OCPR applied the $144,185 in post-Rita FEMA funding for structure repair and modification plans and specifications. In **December 2011** the following maintenance and repairs were

made to the structures: (a) Removed the ultra-high molecular weight (UHMW) low-leakage gate seals, (b) machined actuator pedestal flanges to make them plumb with the gate connections. (c) Installed double stems to all gates and modified the structural steel of the upper platform to accommodate dual stems. (d) Adjusted gates to operate smoothly. (e) Removed all actuators (motors) at Hog Island Gully and West Cove Structures. (f) Refurbished four of the actuators and reinstalled on the 3-foot-wide gates. These gates will operate with a single stem. (g) Installed an articulated stem to the gate connection on the 3-foot-wide gates. (h) Installed larger actuators (motors) on the 7.5-foot-wide gates. (i) Replaced the actuators at the Headquarters Canal structure. (j) Installed articulated stems to gate connections on all double stem gates and lubricated all stems. This work was performed by L.S. Womack at a cost of $1,288,934.82.

Detail and date of next O&M work to be completed per this O&M Request: Currently replacing one actuator.

Detail of future O&M work to be completed: Contract for operational sonde maintenance (5 sondes), data download and sonde repair/replacement ($15,000 per year); structure repairs; annual operations, and bi-annual inspections, each year until 2023.

Originally approved fully funded project cost estimate: $4,528,418

Originally approved O&M budget: $567,987

Approved O&M Budget Increases: $40,000 (monitoring transfer) + $1,213,114 (total $1,253,114)
Current Revised Fully Funded O&M Budget: $1,821,101
Total O&M obligations to date: $1,785,979
Remaining available O&M budget funds: $35,122.
Current Incremental Funding Request: $98,537
Revised fully funded cost estimate: $6,177,735
Total Project Life Budget Increase: $436,203
Requested Revised fully funded O&M estimate: $2,225,071

Percent total project cost increase of proposed revised budget over original budget plus net budget changes: 292% over the original fully funded O&M budget ($2,225,071-567,987/ 567,987).

Original net benefits based on WVA prepared when project was approved: 953 acres

Estimate of cumulative project wetland acres to date (from quantitative and/or qualitative analysis): 524 acres (= 55% of 20-year benefits).

Revised estimate of project benefits in net acres through 20 year project life based on the project with and without continued O&M (include description of method used to determine estimate): Without continued O&M, it is anticipated that the structures would continue for a while in their unmaintained state with limited marsh benefits. With continued O&M, the anticipated benefits by year 20 are estimated at 100% of the total 953 net acres benefitted.

Original and revised cost effectiveness (cost/net acre) as compared to original budget plus net changes and percent change:

Current CE = $6,025/acre ($5,741,532/ 953 ac)
Revised CE = $6,482/acre = 7.6% increase ($6,177,735 M/ 953 ac)

Request for CWPPRA Project O&M Funding Increase
Monitoring Summary
September 11, 2014

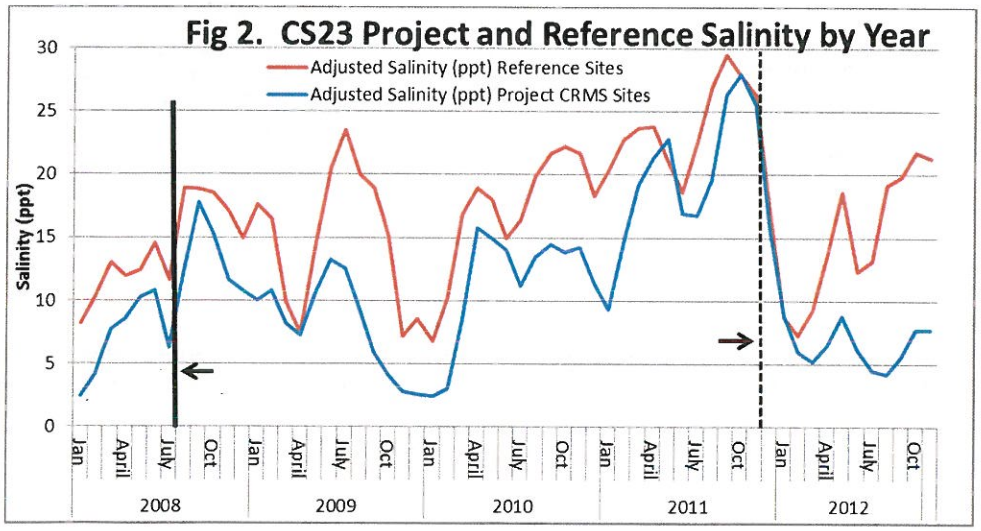
Sabine Structure Replacement (CS-23)

The Replace Hog Island Gully, West Cove and Headquarters Canal Structures (CS-23) project area is located within the Sabine National Wildlife Refuge in Cameron Parish (figure 1). Sabine NWR utilizes water control structures at Hog Island Gully, West Cove Canal and Headquarters Canal to control salt water inflows from Calcasieu Lake into the Sabine NWR. The goals of the CS-23 project are to maintain target salinity, reduce flooding, maintain intermediate and brackish vegetation, and increase the occurrence of submerged aquatic vegetation (SAV).

Construction began in November 1999 and was completed in September 2003. There were operational issues after construction at the Hog Island Gully and West Cove structures due to electrical service problems and operating nut failures which prevented the structures from being operated as designed. Hurricanes Rita (2005) and Ike (2008) exacerbated the damage to the structures. After several post-construction maintenance events and an extensive refurbishment in April 2011, the Hog Island Gully and West Cove structures have been repaired and are fully operational. Routine openings by the USFWS began in December 2011.

During the period of time between construction and completion of repairs in 2011, the project was not functioning as designed and trends in monitoring data were due annual rainfall and hurricane impacts, not project features. Since active structure operations began in 2011, salinity has been controlled more often (figure 2) and target vegetation has been maintained. The last hydrologic assessment in 2013 included data through 2012 which was a very wet year for southwest Louisiana. Water levels were above the target range most of the year but future assessments during drier years will reveal whether the structures are controlling water levels. SAV has been shown to be more dependent on annual rainfall than on structural operations. Very little SAV was found during the 2014 data collection effort.

The project features are currently performing as designed. We would expect the project to continue to have a positive impact on the Sabine marsh if the structures are maintained.



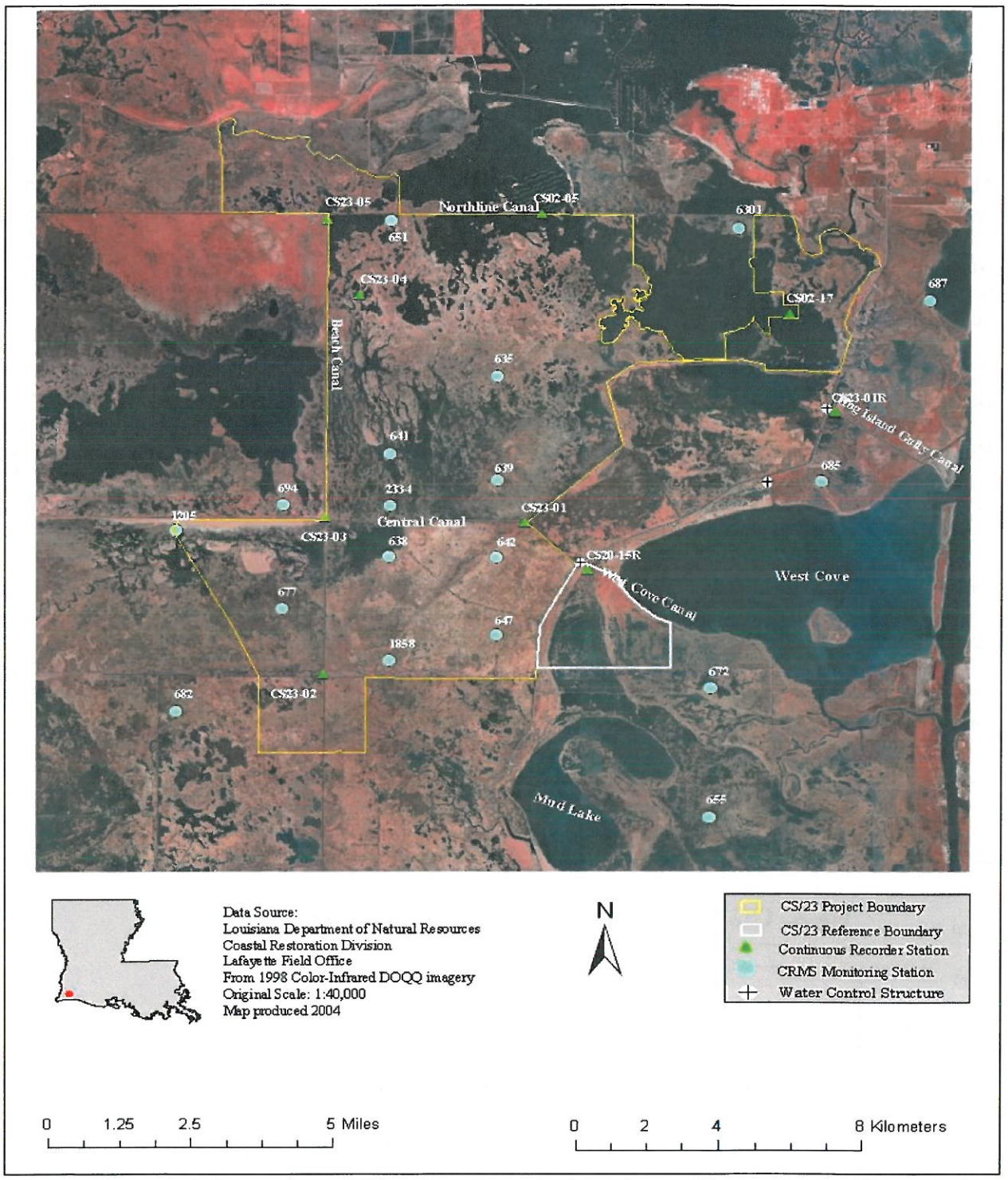


Figure 1. Map of the Replace Sabine Structures Project Area with structure and monitoring station locations.

Louisiana Coastal Wetlands Conservation and Restoration Task Force
January 2002

Replace Sabine Refuge Water Control Structures at Headquarters Canal, West Cove Canal and Hog Island Gully (CS-23)

Project Status

Approved Date: 1994
Project Area: 42,247 acres
Net Benefit After 20 Years: 953 acres
Project Type: Marsh Management
Cost: $4.6 million
Status: Completed Dec. 2001

Location

The project is located in the eastern portion of the Sabine National Wildlife Refuge. Just west of LA Hwy 27, it is approximately four miles southwest of Hackberry on the west bank of Calcasieu Lake in Cameron Parish, Louisiana.

Problems

The construction of the Calcasieu Ship Channel has led to saltwater intrusion, increased water fluctuations, and tidal scouring from the West Cove area of Calcasieu Lake, resulting in marsh loss in this area. The former fixed crest weirs with eight-foot "Tainter" gates in the center (at West Cove and Hog Island Gully) and flapgated culverts (at Headquarters Canal) were built in the 1970s and were inadequate to drain the project area of excess water. These flow restrictions have led to increased water levels in the marshes west of Hwy 27. The structures' openings were also inadequate for tidal flow into these marshes.

Restoration Strategy

This project was authorized to replace the water control structures on three major waterways that allow water to flow between Calcasieu Lake and the interior marshes west of Hwy 27. The new structures on Hog Island Gully, West Cove Canal, and Headquarters Canal will be operated to effectively discharge excess water, to increase the cross sectional area by 370 percent (thereby enhancing the movement of estuarine fish and shellfish), and to help curtail saltwater intrusion into the interior marshes.

This project should help maintain intermediate and brackish vegetation communities and increase submerged aquatic vegetation. Salinity, water level, and vegetation will be monitored.

Progress to Date

The Headquarters Canal structure was completed February 2000, the Hog Island Gully structure was completed in August 2000, and the West Cove structure will be completed by December 2001. Baseline monitoring of salinity, water level, and vegetation was initiated in 1998.

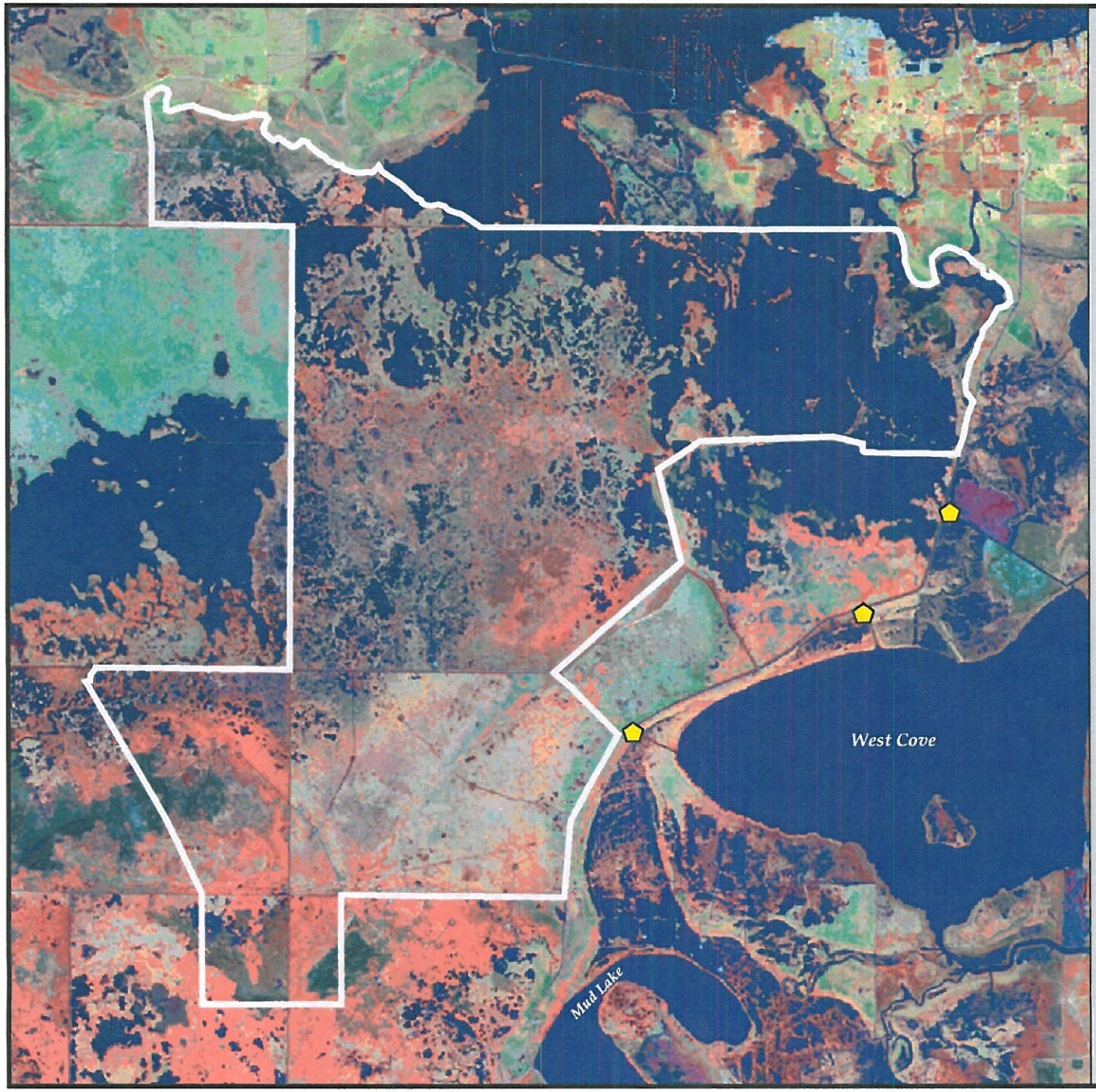
The Sabine National Wildlife Refuge's new Headquarters Canal water control structure (looking southwest) is comprised of three 5-ft diameter culverts with sluice and flap gates. The refuge headquarters buildings are in the background, and LA Hwy 27 is to the right.

Looking west at the Hog Island Gully water control structure on the Sabine National Wildlife Refuge. The structure has four large 7.5-ft wide by 8-ft deep bays and two smaller 3.5-ft wide by 8-ft deep bays with slide gates. LA Hwy 27 is in the background. The West Cove structure is similar, but with three bays instead of four.

For more project information, please contact:

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

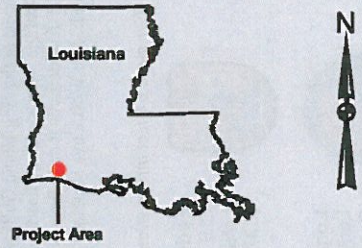
Local Sponsor:
Louisiana Department of Natural Resources
Baton Rouge, LA
(225) 342-7308



Replace Sabine Refuge Water Control Structures at Headquarters Canal, West Cove Canal and Hog Island Gully (CS-23)

Water Control Structure

Project Boundary



1 0 1 Miles

1 0 1 2 Kilometers

USGS
science for a changing world

Map Produced By:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station
Map Date: November 6, 2001
Map ID: 2002-04-126

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

REQUEST FOR O&M BUDGET INCREASE AND INCREMENTAL FUNDING APPROVAL FOR BOSTON CANAL/VERMILION BAY BANK PROTECTION (TV-09)

For Decision:

To allow one final maintenance event prior to project closeout, CPRA and NRCS have requested a TV-09 O&M budget increase in the amount of $630,891 and an incremental funding approval in the amount of $630,891. The Technical Committee voted to not recommend approval to the Task Force. CPRA and NRCS will present additional information regarding the cost effectiveness of TV-09 and this maintenance event.

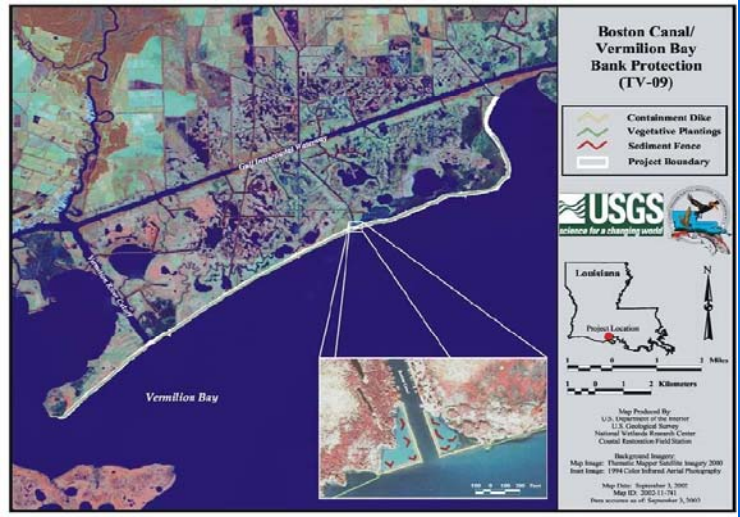
Technical Committee Recommendation:

The Task Force will consider the Technical Committee's recommendation to not approve the requested funds.

TV-09 Boston Canal Shore Protection Project

October 23, 2014

Plan View of TV-09 Boston Canal



Historical Information

- The Boston Canal/Vermilion Bay Shore Restoration Project consists of approximately 466 acres of brackish marsh and open water. It is located in Vermilion Parish, approximately 12 miles south of Delcambre, LA on the northern bank of Vermilion Bay and at the mouth of Boston Canal. It is bounded on the south by Vermilion Bay, on the west by Mud Point, and on the east by Oaks Canal.
- The purpose of the project is to maintain the integrity of approximately 466 acres of wetlands in the vicinity of Boston Canal by stabilizing the northern bank of the Vermilion Bay shoreline and to prevent further regression of the banks at the mouth of Boston Canal.

Historical Information

- The project was funded on the CWPPRA PPL 2 list.
- Initial construction was completed in 1995.

INITIAL CONSTRUCTION DETAILS

- The project was completed in March, 1995 at a constructed cost of $1,012,691.

- The principal project features include:
- 1,405 LF of rock foreshore dike
- 34,000 Vegetative plantings

MAINTENANCE EVENT DETAILS

- 2002 - A maintenance event was completed in 2002 consisting of modification of sediment fences at no cost to the program.

View of Rock Dike Looking East

Proposed Maintenance Event

Proposed Maintenance Event Tie-in on West Side

Proposed Maintenance Details for FY 2014/15

- Perform design surveys and preparation of plans and specifications.
- Routine annual inspection costs
- TOTAL ESTIMATED O&M COST for FY 2014/15: $ 116,651

Proposed Maintenance Details for FY 2015/16

- Extend rock dike each side of Boston Canal, approximately 4,208 tons.
- Routine annual inspection costs
- TOTAL ESTIMATED O&M COST for FY 2015/16: $629,451

Performance of TV-09 Dikes

West of Dike: 1.1 Ac created

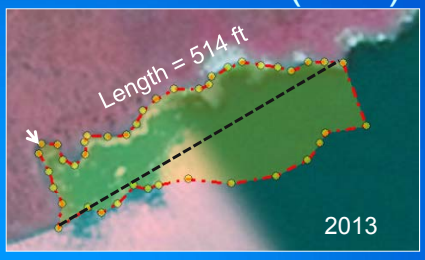
Shoreline Protected: 500 ft X 6.3 ft/yr X 20 years / 43,560 = 1.3 acres

East of Dike: 1.1 Ac created

Shoreline Protected: 450 ft X 5.2 ft/yr X 20 years / 43,560 = 1.2 acres

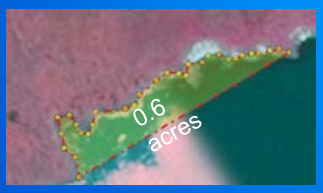
Total Acres = 4.7 acres

Anticipated Benefits of Maintenance (East)



Loss from 1998 to 2013 = 1.1 acre over an average (1998/2013) shoreline length of 506 ft. That yields a shoreline erosion rate of 6.3 ft/year.

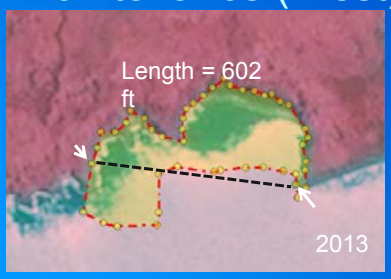
Apply 6.3 ft /year to shoreline length of 506 ft to be protected for 20 years. That would yield 1.5 acres protected



Through a combination of beneficial use of access channel material and accretion, the 0.6 acres between dike and shoreline would become marsh.

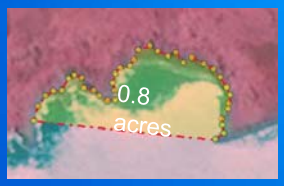
1.5 ac protected + 0.6 ac created = 2.1 Ac net for East side

Anticipated Benefits of Maintenance (West)



Loss from 1998 to 2013 = .95 acre over an average (1998/2013) shoreline length of 533 ft. That yields a shoreline erosion rate of 5.2 ft/year.

Apply 5.2 ft /year to shoreline length of 533 ft to be protected for 20 years. That would yield 1.3 acres protected.



Through a combination of beneficial use of access channel material and accretion, the 0.8 acres between dike and shoreline would become marsh.

1.3 ac protected + 0.8 ac created = 2.1 Ac net for West side

If Treat TV-09 as a Stand-alone Project

	Acres Protected	Acres Created	Total Acres
East	1.5	0.6	2.1
West	1.3	0.8	2.1
Total	2.8	1.4	4.2

Cost Effectiveness : $630,891 / 4.2 Acres = $150,211

Consider TV-09 Dikes as a 40-year project instead of just evaluating the proposed maintenance over next 20 Years

	Acres Protected	Acres Created	Total Acres
TV-09 Years 1-20	2.5	2.2	4.7
TV-09 Years 21-40	2.5	0	2.1
Proposed TV-09 Maintenance Years 21-40	2.8	1.4	4.2
Total	7.8	3.6	11.4

Total Cost of Dikes = Total FFC – Vegetative Contract + Proposed Add'l Maintenance

$1.043,748 - $131,642 + $630,891 = $1,542,997

Cost Effectiveness : $1,542,997 / 11.4 Acres = $135,351

CWPPRA Cost Effectiveness 2009-2014

Projects	Cost/ Net Acre
PPL18 Average	46,822
PPL19 Average	88,656
PPL20 Average	50,682
PPL21 Average	60,622
PPL22 Average	89,578
PPL23 Average	132,661
OVERALL AVG PPL18-23	77,071
2009 Phase II Approvals Average	120,303
2010 Phase II Approvals Average	140,462
2011 Phase II Approvals Average	206,094
2012 Phase II Approvals Average	70,429
2013 Phase II Approvals Average	67,618
2014 Phase II Approvals Average	54,646
OVERALL AVG PHASE II APPROVALS 2009-2014	108,132

TV-09 Maintenance Request

- FY 14/15 Projected Budget: $ 116,651
- FY 15/16 Projected Budget: $ 629,451
- 3 YEAR BUDGET ESTIMATE: $ 746,102

- REMAINING O&M FUNDS: $ 115,211
- ADDN. FUNDS REQUESTED: $ 630,891

Request for CWPPRA Project O&M Funding Increase
Project Costs and Benefits Reevaluation
Fact Sheet
September 11, 2014

Project Name: Boston Canal/Vermilion Bay Bank Protection Project (TV-09)
PPL: 2
Federal Sponsor: NRCS
Construction Completion Date: November 1995
Projected Project Close-out Date: October 2015
Project Description: Approximately1,405 linear feet of freestanding, continuous foreshore rock dike were built along the mouth of Boston Canal at Vermilion Bay to prevent further regression of bank line erosion.

Construction changes from the approved project: No changes.

Explain why O&M funding increase is needed: The current budget shortfall represents two years worth of O&M inspections in addition to extending the existing foreshore dike on both sides of Boston Canal.

Detail O&M work conducted to date: A maintenance event was conducted in 2002 to modify the sediment fences at no cost to the CWPPRA Program.

Detail and date of next O&M work to be completed per this O&M request: Recommend placing 4,208 tons of rock to extend the existing foreshore dike on either side of Boston Canal (765 LF total) to tie into the existing marsh. Construction should be complete by December 2015.

Detail of future O&M work to be completed: No maintenance work anticipated.

Originally approved fully funded project cost estimate: $1,008,600

Originally approved O&M budget: $195,775

Approved O&M Budget Increases N/A

Total O&M obligations to date: $80,564

Remaining available O&M budget funds: $115,211

Current Incremental Funding Request: $630,891

Revised fully funded cost estimate: $1,674,639

Total Project Life Budget Increase: $630,891

Requested Revised fully funded O&M estimate: $826,666

Percent total project cost increase of proposed revised budget over original budget: 66.04%

Original net benefits based on WVA prepared when project was approved: 378 acres

Estimate of cumulative project wetland acres to date (from quantitative and/or qualitative analysis): 378 acres.

Revised estimate of project benefits in net acres through 20 year project life based on the project with and without continued O&M (include description of method used to determine estimate): No anticipated change in estimated benefits, project is performing as expected.

Original and revised cost effectiveness (cost/net acre) and percent change:

Original CE = $2,668/acre
Revised CE = $4,430/acre 66.04%

Request for CWPPRA Project Monitoring Funding Increase
Project Performance Synopsis
September 11, 2014

Boston Canal/Vermilion Bay Shoreline Stabilization Project (TV-09)

The Boston Canal/Vermilion Bay Shoreline Stabilization project (TV-09) is located in the Teche-Vermilion Basin, approximately 15 miles southeast of the city of Abbeville, Louisiana on the north shore of Vermilion Bay. Wave induced shoreline erosion is a considerable cause of land loss in the TV-09 project area. The 13 miles of vegetative plantings and foreshore rock dike at the confluence of Vermilion Bay and Boston Canal are project features designed to provide protection to ecologically important interior marshes (Figure 1). The rock dikes were constructed parallel to the banks of Boston Canal, extending into Vermilion Bay and then turning 90° to re-establish the bay shoreline. The structures are designed to prevent the banks at the mouth of Boston Canal from widening into the adjacent marshes. The project area consists of approximately 193 acres (78.1 ha) of intermediate to brackish marsh and open water. *Spartina patens* (saltmeadow cordgrass), *Sagittaria lancifolia* (bull tongue), and *Schoenoplectus americanus* (Chairmaker's bulrush) make up a majority of the back shore marsh platform. *Phragmites australis* (common reed) and *Spartina alterniflora* (smooth cordgrass) make up the shoreline which typically has an elevation gradient from subtidal to supratidal averaging two to three feet above the interior marsh platform at its apex.

The average shoreline retreat in the project area from the 1920's through 2013 is between -0.8 and -2.0 m/yr (-2.6 ft/yr to -6.6 ft/yr). To address these shoreline erosion rates and protect back marsh habitat and infrastructure a combination of foreshore vegetative plantings and rock dikes were constructed and completed in 1995. The overall project shoreline retreat average between 1998 and 2013 was -1.1 m/yr (-3.6 ft/y, Table 1). The 2008 to 2013 time period indicated average losses of -2.0 m/yr (-6.6 ft/yr) and loss on either side of the Boston Canal rock dike was prominent. However the foreshore rock dike has been highly successful at eliminating shoreline erosion while revegetating formally open water areas behind the structure (Figure 1 insert). This feature should continue to protect the ecological and human infrastructure behind this project feature. The foreshore rock dike has needed little to no maintenance over the 20 year project life and this trend is expected to continue into the foreseeable future. The extension of this feature would prevent the loss of vulnerable marsh habitat to erosive forces while protecting the recreational and industrial structures immediately north of the rock dike.

Table 1. Net shoreline position change between DGPS measurements in the TV-09 project area.

Time Frame	Years	Source	Change Rate (m/y)	Change Rate (ft/y)	Notes
1998-2001	3	TV-09	+0.5	+1.6	Plants fully established
2001-2004	3	TV-09	-1.4	-4.6	Hurricane Lili
2004-2008	4	TV-09	-1.0	-3.3	Hurricane Rita and Ike
2008-2013	5	TV-09	-2.0	-6.6	~ 50% plantings gone
1998-2013	15	TV-09	-1.1	-3.6	Near project lifetime rate

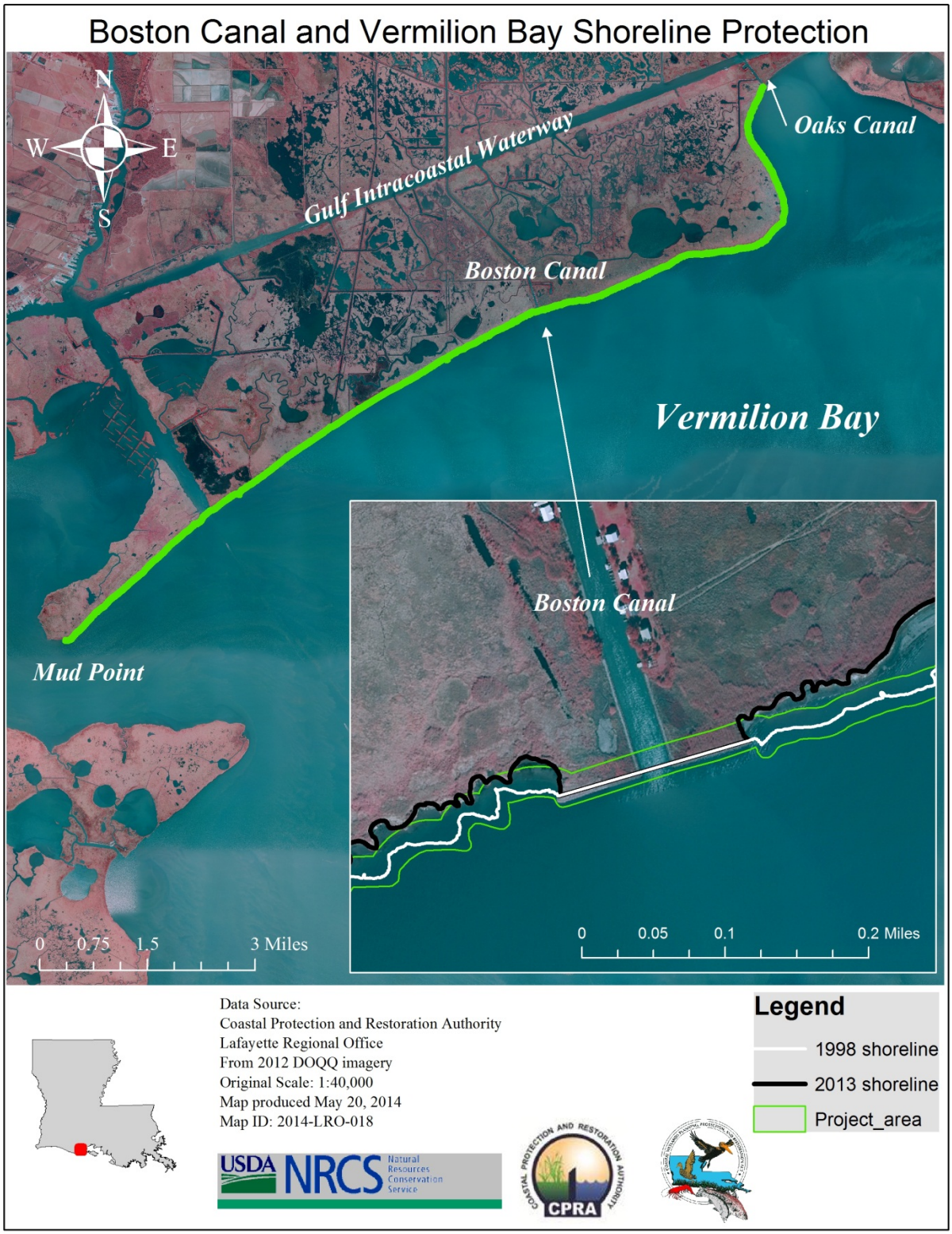


Figure 1. Boston Canal/Vermilion Bay Shoreline Stabilization (TV-09) project area with the 1998 and 2013 shoreline.

February 2008 (rev)
Cost figures as of: October 2014

Boston Canal/Vermilion Bay Bank Protection (TV-09)

Project Status

Approved Date: 1992 **Project Area:** 466 acres
Approved Funds: $1.04 M **Total Est. Cost:** $1.04 M
Net Benefit After 20 Years: 378 acres
Status: Completed Nov. 1995
Project Type: Shoreline Protection and Vegetative Planting
PPL #: 2

Location

The project encompasses 466 acres of brackish marsh along approximately 16 miles of Vermilion Bay's northern shoreline adjacent to Boston Canal. Running from the Oaks Canal to Mud Point, the project is located roughly 6 miles southeast of Intracoastal City, Louisiana, in Vermilion Parish.

Problems

Construction of the Gulf Intracoastal Waterway, Boston Canal, and oilfield canals has greatly increased tidal exchange between Vermilion Bay and the adjacent marshlands to the north, particularly near their confluence with Vermilion Bay. This tidal exchange, combined with the effects of wave action from the bay and boat wake from traffic on the canal, has contributed to significant shoreline erosion along the Vermilion Bay shoreline. This same set of problems has also caused shoreline erosion along Boston Canal, particularly near its confluence with Vermilion Bay.

Restoration Strategy

Rock dikes configured as sediment traps were constructed along the shoreline at the mouth of Boston Canal to promote sediment deposition and protect the shoreline and adjacent wetlands from continued wave-induced erosion.

Vegetation was planted along 14 miles of the Vermilion Bay shoreline to act as a wave buffer and decrease shoreline erosion rates.

Planted smooth cordgrass (*Spartina alterniflora*) protecting the Vermilion Bay shoreline.

Progress to Date

Following the construction of the rock dikes, as much as 4.5 feet of sediment has vertically accreted in the lee, or wind-sheltered regions, of the structures. The dikes and vegetative plantings have increased vegetation cover, resulting in 57 acres of land growth.

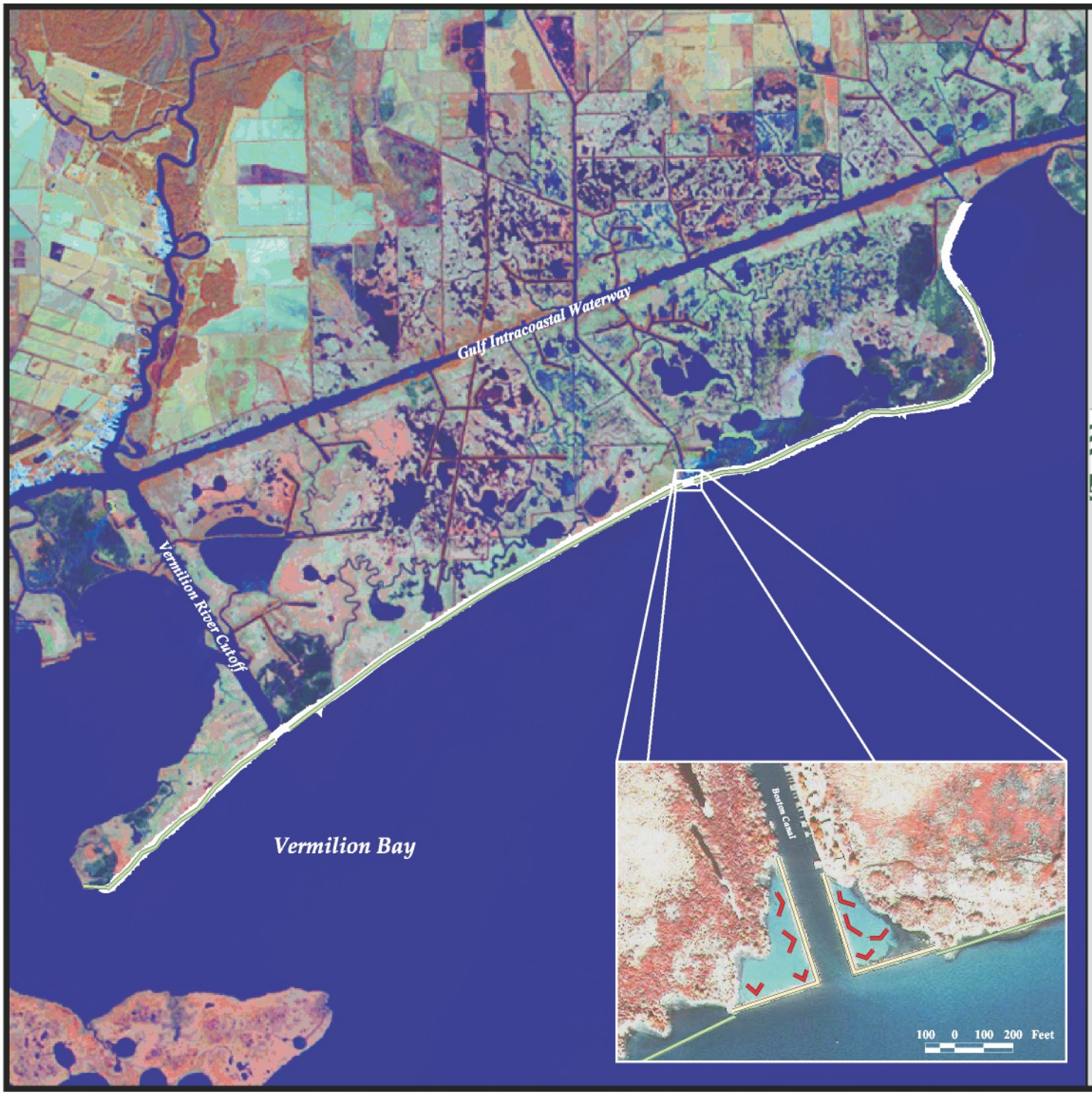
The shoreline has been stabilized at the mouth of Boston Canal.

The survivorship and vegetation cover percentage along the shoreline were more pronounced in areas where native vegetation did not exist. Survivorship and percent cover were least pronounced when marshhay cordgrass (*Spartina patens*) was planted in established stands of roseau cane (*Phragmites australis*). Overall survivorship of planted smooth cordgrass (*Spartina alterniflora*) was over 90% after 12 months. Current coverage is nearing 100%. The 2005 OM&M Report concluded the sediment build-up behind the dike on the east and west sides is continuing and vegetation has taken over the exposed mud flats. Elevation data show an increase in sedimentation behind the rock breakwater. This project is on Priority Project List 2.

For more project information, please contact:

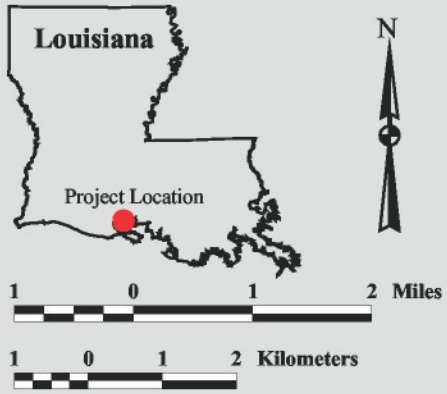
Federal Sponsor:
Natural Resources Conservation Service
Alexandria, LA
(318) 473-7756

Local Sponsor:
Coastal Protection and Restoration Authority
Baton Rouge, LA
(225) 342-4736



Boston Canal/ Vermilion Bay Bank Protection (TV-09)

- Containment Dike
- Vegetative Plantings
- Sediment Fence
- Project Boundary



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

Background Imagery:
Map Image: Thematic Mapper Satellite Imagery 2000
Inset Image: 1994 Color Infrared Aerial Photography

Map Date: September 3, 2002
Map ID: 2002-11-741
Data accurate as of: September 3, 2002

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

REQUEST FOR PPL 5 – RACCOON ISLAND BREAKWATERS DEMONSTRATION PROJECT (TE-29) TO BE CONSIDERED A COMPONENT OF PPL 11 – RACCOON ISLAND SHORELINE PROTECTION/MARSH CREATION PROJECT (TE-48)

For Decision:

NRCS and CPRA are requesting that the TE-29 project be considered a component of the TE-48 project and that TE-48 O&M funds can be used towards TE-29 O&M. In 1994, the Louisiana Department of Wildlife and Fisheries (LDWF) requested that the CWPPRA program construct 32 rock segmented breakwaters and 60 acres of marsh creation on Raccoon Island (western most island of Isle Dernieres). Due to the concern that rock segmented breakwaters had never been built offshore in Louisiana, permits were issued to build up to 10 breakwaters. Therefore, the Raccoon Island Breakwaters Demonstration project (TE-29) installed 8 breakwaters with available funding, with the understanding that if the project proved successful LDWF could later request that CWPPRA fund a larger scale project. Due to the success of the TE-29 project, CWPPRA approved funding for the Raccoon Island Shoreline Protection/Marsh Creation project (TE-48). The TE-48 breakwaters were completed in 2007 and the marsh creation was completed in 2013. Currently, two of the TE-29 breakwaters have settled below their designed crest elevation and require re-capping to restore their full functionality of protecting the gulf shoreline of Raccoon Island.

Technical Committee Recommendation:

The Task Force will consider the Technical Committee's recommendation to approve the request for the TE-29 project be considered a component of the TE-48 project and that TE-48 O&M funds can be used towards TE-29 O&M.

October 2007 (rev.)
Cost figures as of: August 2014

Raccoon Island Shoreline Protection/ Marsh Creation (TE-48)

Project Status

Approved Date: 2002 **Project Area:** 502 acres
Approved Funds: $19.6 M **Total Est. Cost:** $20.1 M
Net Benefit After 20 Years: 71 acres
Status: Construction
Project Type: Shoreline Protection and Marsh Creation
PPL #: 11

Location

The project is located in the Terrebonne Basin on the western-most island of the Isles Dernieres barrier island chain in Terrebonne Parish, Louisiana.

Rock breakwater construction for the prior demonstration phase of this project was completed on the east end of the island in June 1997. Taken immediately after construction was complete, this 1997 photograph shows no sand behind the breakwaters.

Sand deposits or "tombolos" have developed behind the breakwaters that protect and enhance the island. A less dramatic, however still positive effect, is expected to occur behind the 8 additional breakwaters being constructed to the west of the existing breakwaters.

Problems

The Isles Dernieres barrier island chain is experiencing some of the highest erosion rates of any coastal region in the world. Raccoon Island is experiencing shoreline retreat both gulfward and bayward, threatening one of the most productive wading bird nesting areas and shorebird habitats along the gulf coast.

Restoration Strategy

An existing demonstration project on the eastern end of the island, Raccoon Island Breakwaters Demonstration project (TE-29), has proven that segmented breakwaters can significantly reduce, and perhaps even reverse, shoreline erosion rates. The primary goal of this project is to protect the Raccoon Island rookery and seabird colonies from the encroaching shoreline by: 1) reducing the rate of shoreline erosion along the western, gulfward side and 2) extending the longevity of northern backbay areas by creating 60 acres of intertidal wetlands that will serve as bird habitat.

This project has been separated into two construction phases, Phase A and Phase B. Phase A includes the construction of eight additional segmented breakwaters gulfward of the island and immediately west of the existing breakwaters demonstration project and an eastern groin that will connect existing Breakwater No. 0 to the island. Phase B involves the construction of a retention dike along the northern shore to create a back bay enclosure that will be filled with sediments dredged from the bay and/or gulf, followed by vegetative plantings.

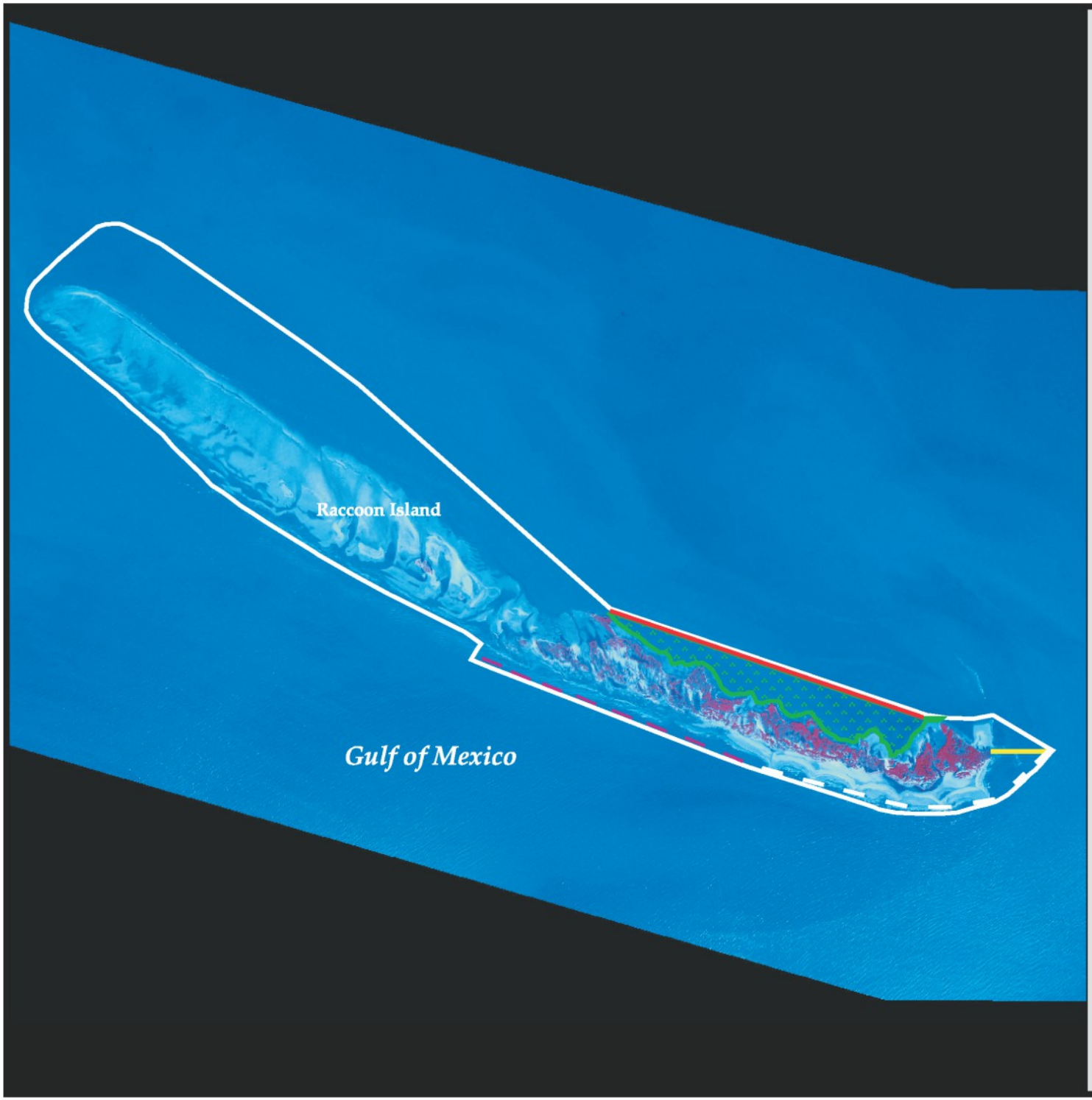
Progress to Date

This project was selected for engineering and design funding at the January 2002 Breaux Act Task Force meeting. Construction funding for Phase A was approved in October 2004. Request for Phase B construction funding is anticipated to occur in January 2008. This project is on Priority Project List 11.

For more project information, please contact:

Federal Sponsor:
Natural Resources Conservation Service
Alexandria, LA
(318) 473-7756

Local Sponsor:
Coastal Protection and Restoration Authority
Baton Rouge, LA
(225) 342-4736



Raccoon Island Shoreline Protection/ Marsh Creation (TE-48)

Existing Breakwater

Project Boundary

Phase A

Breakwater *

Groin *

Phase B

Retention Dike *

Vegetative Plantings and Dredged Backfill *

* denotes proposed features

USGS
science for a changing world

N

0.2 0 0.2 0.4 Miles

0.2 0 0.2 0.4 Kilometers

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

Background Imagery:
2002 Aerial Photography

Map Date: January 5, 2005
Map ID: USGS-NWRC 2005-11-0059
Data accurate as of: January 5, 2005

January 2008 (rev)
Cost figures as of: August 2014

Raccoon Island Breakwaters Demonstration (TE-29)

Project Status

Approved Date: 1996 **Project Area:** N/A
Approved Funds: $1.75 M **Total Est. Cost:** $1.75 M
Net Benefit After 20 Years: N/A
Status: Completed July 1997
Project Type: Demonstration: Barrier Island Restoration
PPL #: 5

Location

The project is located approximately 21 miles southwest of Cocodrie, Louisiana, in Terrebonne Parish.

Problems

Raccoon Island, like all of Louisiana's barrier islands, is narrowing and losing land because of the combined effects of sea-level rise, subsidence, storm activity, inadequate sediment supply, and significant human-related disturbances.

Segmented rock breakwaters function as effective barriers against perpetual wave erosion and act as sand traps. Newly formed "tombolos," or sandbars, can be seen behind the breakwaters.

Restoration Strategy

Eight segmented breakwaters were constructed along the eastern end of the island to reduce the rate of shoreline retreat, promote sediment deposition along the beach, and protect seabird habitat.

Project effectiveness will be determined by monitoring changes in the shoreline, wave energy, and elevations along the beach, and by surveys of the gulf floor between the shoreline and the breakwaters.

Progress to Date

Based on wave data collected through September 1998, the segmented breakwaters have significantly reduced wave energy landward of the structures and are providing protection to the adjacent shoreline.

The breakwaters have reversed the long-term shoreline retreat rate of 36.4 feet per year along most of the project area, but shoreline retreat continues to persist along the eastern end of the project due to the orientation of the breakwaters.

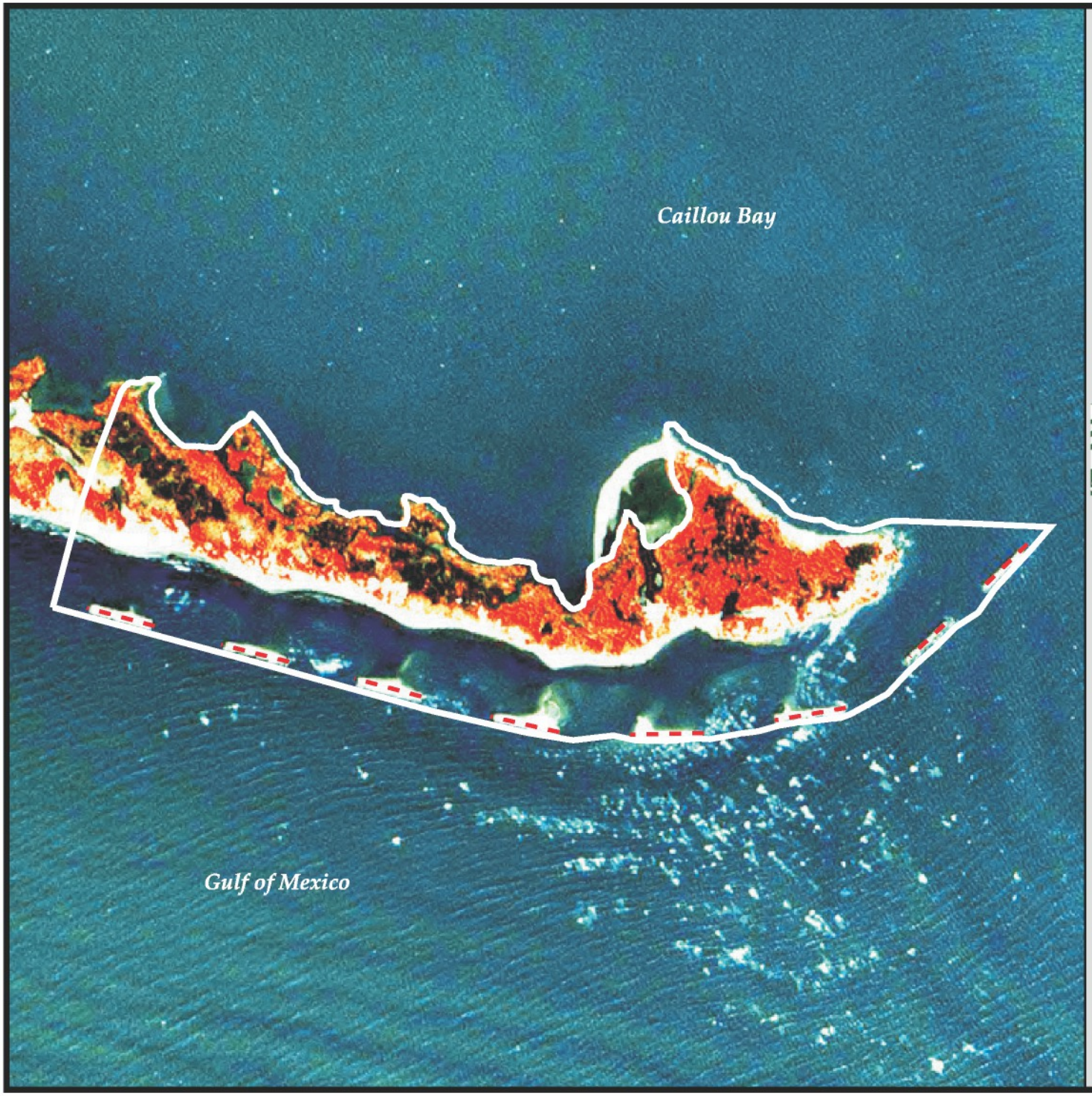
From an engineering perspective, an unanticipated positive response has occurred along the western flank of the breakwater system, resulting in the deposition of more than 41,000 cubic yards of sediment. Deposition has occurred on both the gulf and shore sides of the breakwaters. An ebb-shoal complex, upon which the breakwaters were constructed, appears to be supplying sand to the breakwater system. This process could continue for as long as the source remains viable or until the breakwater compartments are filled. This project is on Priority Project List 5.

Another project that will continue the work begun with this one (Raccoon Island Shoreline Protection/Marsh Creation [TE-48]) was approved by the Louisiana Coastal Wetlands Conservation and Restoration Task Force in January 2002.

For more project information, please contact:

Federal Sponsor:
Natural Resources Conservation Service
Alexandria, LA
(318) 473-7756

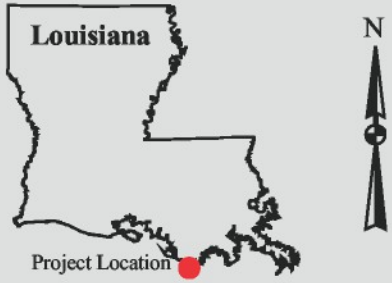
Local Sponsor:
Coastal Protection and Restoration Authority
Baton Rouge, LA
(225) 342-4736



Raccoon Island Breakwaters Demonstration (TE-29)

Shoreline Protection

Project Boundary



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400 0 400 Feet

100 0 100 Meters

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

Background Imagery:
1998 Digital Orthophoto Quarter Quadrangle

Map Date: August 13, 2002
Map ID: 2002-11-672
Data accurate as of: August 13, 2002

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

TRANSFER OF O&M FUNDS TO CONSTRUCTION FOR GRAND LAKE SHORELINE PROTECTION (ME-21)

For Decision:

In February 2007, the Task Force passed a motion "to allow CIAP to fund construction of the Grand Lake Shoreline Protection Project (ME-21) without Tebo Point and to have CWPPRA fund the difference between the CIAP and CWPPRA project features (i.e. the Tebo Point segment) plus 3 years of O&M for the entire project for a total of $9 million ($2.7M for construction of the Tebo Point segment and $6.3M for the 1st 3 years of O&M for the entire project)." The CIAP portion of ME-21 was constructed under CIAP in 2010, and federal sponsorship of ME-21 was transferred to NRCS in 2011. NRCS and CPRA propose to transfer $3,542,031 from O&M to Construction. The total Phase II cost would remain at $9,006,586. The total fully funded cost would remain at $10,005,616.

Technical Committee Recommendation:

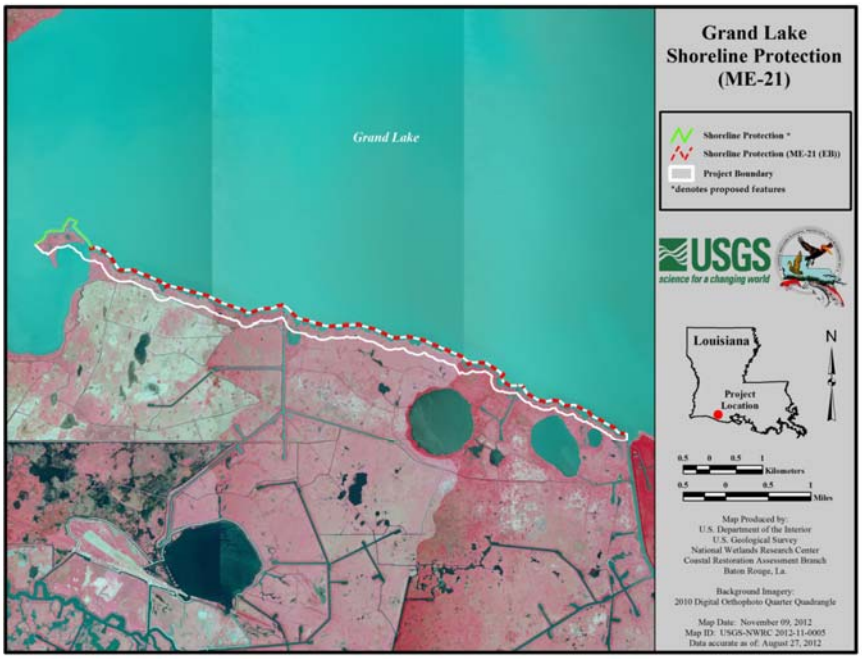
No Technical Committee recommendation. The Task Force will consider and vote on the request to transfer funds.

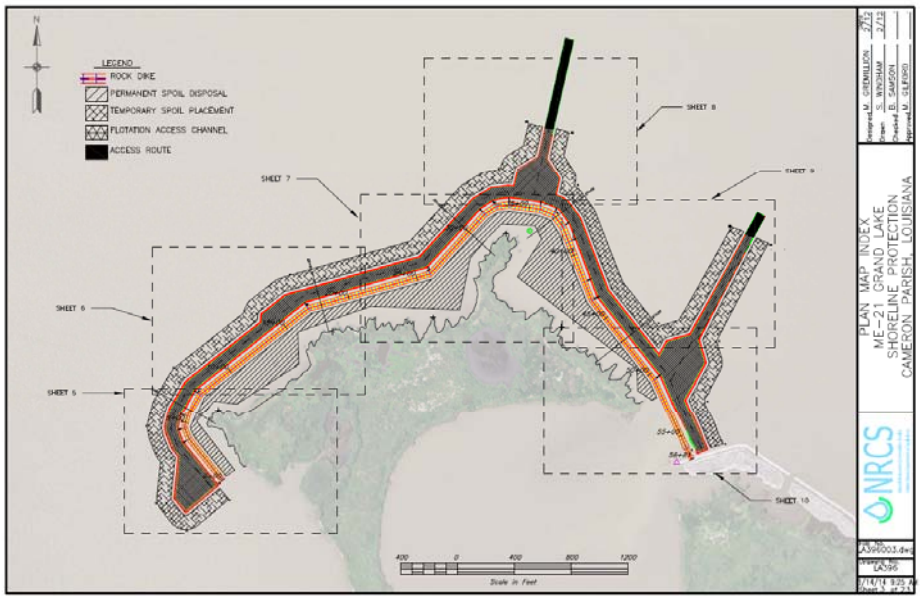
ME-21 Grand Lake Shoreline Protection Project

October 23, 2014

- In February 2007, the CWPPRA Task Force passed a motion "*to allow CIAP to fund construction of the Grand Lake Shoreline Protection Project (ME-21) without Tebo Point and to have CWPPRA fund the difference between the CIAP and CWPPRA project features (i.e. the Tebo Point segment) plus 3 years of O&M for the entire project for a total of $9 million ($2.7M for construction of the Tebo Point segment and $6.3M for the 1st 3 years of O&M for the entire project).*"
- The CIAP portion of ME-21 was constructed under CIAP in ---2010.

- Federal sponsorship of ME-21was transferred to NRCS in 2011.
- The Tebo Point portion of the project consists of about 5,700 feet of foreshore rock dike. The dike will be constructed to a height of 3.5 feet NAVD88, with a crown width of 4 feet and 3:1 slide slopes. To the extent practicable, material from the access channel will be used to create marsh





	Existing / CSA Phase II Budget	Proposed Phase II Budget	Change
Construction, including S&I, S&A, and Contingency	$2,700,000	$6,012,602	+$3,312,602
Federal O&M	$123,632	$159,383	+$35,751
State O&M	$6,180,620	$2,800,562	-$3,380,058
COE Admin	$2,334	$32,020	+$31,705
TOTAL	$9,006,586	$9,006,586	$0

	Net Acres Over 20 years			Cost	Cost Effectiveness
	Protected [a]	Created	Total		
Tebo Point only	13	15	28	$7,214,064 [c]	$256,862
Entire Project	100	128 [b]	228	$20,655,616 [d]	$90,650

[a] Erosion rate: 5 feet /yr
[b] CIAP Created: 37,800 ft X 130 ft
[c] Tebo Point Only Cost = Phase 1 funds remaining at time of project transfer + Current Tebo Construction Estimate + 28% of current O&M estimate
[d] Entire Project Cost = Current CWPPRA FFC of $10,055,616 + CIAP construction cost of $10.6M

Note: Avg cost effectiveness of projects approved for Phase I (PPLs 18-23): $77,071

Note: Avg cost effectiveness of projects approved for Phase II 2009-2014: $108,132

Current Request

- $3,312,602 transfer from O&M to Construction
- $31,705 transfer from O&M to COE Admin

- Phase II budget remains at $9,006,585
- Fully funded cost remains at $10,055,617.

- 3-year O&M incremental funding request: $7,521.

- 3-year COE Admin funding request: $5,897.

rev. November 2012
Cost figures as of: October 2014

Grand Lake Shoreline Protection (ME-21)

Project Status

Approved Date: 2002 **Project Area:** 77 acres
Approved Funds: $10.0 M **Total Est. Cost:** $10.0 M
Net Benefit After 20 Years: 45 acres
Status: Engineering and Design
Project Type: Shoreline Protection
PPL #: 11

Location

The project is located in the Mermentau Basin in Cameron Parish, Louisiana, on the south shore of Grand Lake.

Problems

A comparison of 1978-79 aerial photography to 1997-98 aerial photography indicates that shoreline erosion rates in this area vary from 11 to 32 feet per year.

Restoration Strategy

The project's objectives include stopping shoreline erosion from Superior Canal to Tebo Point and promoting accretion between the breakwater and the shore.

Approximately 43,500 feet of stone breakwater will be built in 2 feet of water in Grand Lake roughly 200 feet from the shoreline from Superior Canal to Tebo Point. The breakwater will rise 2 feet above sea level. Fish dips, gaps that allow fish to move across the breakwater barrier, will be built every 1000 feet. The fish dips, 46 feet wide at the top, will extend to the lake bottom and be lined with concrete aprons. A 6-foot deep flotation canal with a 1:4 side slope will be at least 35 feet from the centerline of the dike, and material from the flotation canal will be cast inside the breakwater. Minimal maintenance of the breakwater will be necessary.

Progress to Date

Approximately 38,700 feet of this project was constructed by the state utilizing CIAP funds. The remainder of the project, approximately 5,700 feet, is in engineering and design. Construction approval will be requested in 2013.

This project is on Priority Project List 11.

This photo of Lake Salvador is representative of the shoreline protection work to be accomplished along Grand Lake from Superior Canal to Tebo Point in Cameron Parish. About 43,500 feet of stone breakwater will be built to protect the shoreline from further erosion and to promote accretion between the breakwater and the shore.

For more project information, please contact:

Federal Sponsor:
Natural Resources Conservation Service
Alexandria, LA
(318) 473-7756

Local Sponsor:
Coastal Protection and Restoration Authority
Baton Rouge, LA
(225) 342-4736

Grand Lake Shoreline Protection (ME-21)

Shoreline Protection *

Shoreline Protection (ME-21 (EB))

Project Boundary

*denotes proposed features

USGS
science for a changing world

N

0.5 0 0.5 1 Kilometers

0.5 0 0.5 1 Miles

Map Produced by:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Assessment Branch
Baton Rouge, La.

Background Imagery:
2010 Digital Orthophoto Quarter Quadrangle

Map Date: November 09, 2012
Map ID: USGS-NWRC 2012-11-0005
Data accurate as of: August 27, 2012

MIAMI CORPORATION
309 LA RUE FRANCE
SUITE 201
LAFAYETTE, LOUISIANA 70508
TELEPHONE (337) 264-1695
FAX NO. (337) 264-9499

September 23, 2014

Colonel Richard L. Hansen
U. S. Army Corps of Engineers, New Orleans District
Executive Office
P.O. Box 60267
New Orleans, LA 70160-0267

Re: Transfer of O&M funds to Construction for Grand Lake Shoreline Protection (ME-21)
Region 4
Cameron Parish, Louisiana

Dear Colonel Hansen:

It is my understanding that the Task Force will be considering the Transfer of O&M funds to Construction for Grand Lake Shoreline Protection (ME-21) request by NRCS and CPRA at the upcoming October 23, 2014 Task Force meeting.

We would like to thank the Task Force members for taking the time to acknowledge the historical timeline of this project and the challenges it has faced as it has progressed through the CWPPRA process.

If you refer back to the February 15, 2007 Task Force meeting minutes, your Task Force predecessor Colonel Richard Wagenaar (USACE), was present when agenda item D was discussed. After some deliberation regarding approving various projects for Phase II funding, Mr. Gohmert (NRCS) "moved to allow CIAP to fund construction of the Grand Lake Shoreline Protection Project (ME-21) without Tebo Point and to have CWPPRA fund the difference between the CIAP and CWPPRA project features (i.e. the Tebo Point segment) plus 3 years of O&M for the entire project for a total of $9 million ($2.7M for construction of the Tebo Point segment and $6.3M for the 1st 3 years of O&M for the entire project)." Mr. Honker (EPA) seconded and the motion was approved by the Task Force.

In the meeting minutes prior to that Task Force approval, there was a debate as to whether the CWPPRA program should simply approve the funding of the entire project including the Tebo Point portion or allow the "state to pick(s) up the $10.6M, then the Task Force is only looking at the difference."

Recently some have commented that the remaining portion of this project (Tebo Point segment) is too expensive to construct and could be viewed as fiscally irresponsible. I would argue that this project has already been fiscally responsible in that it freed up $10.6 Million dollars in 2007 back to the CWPPRA program which I suspect has been allocated to other worthy projects approved by the CWPPRA Task Force. Secondly, the request to transfer funds

from O&M to Construction means that this request does not cost the CWPPRA program any additional dollars. This transfer request affords the CWPPRA program an opportunity to complete a project that was approved over 7 years ago.

For additional historical perspective on this project I might draw your attention to the January 19, 2011 Task Force meeting where this project was transferred from the USACE to NRCS due to unresolved Cost Share agreement issues. Those unresolved issues unfortunately did not allow the CWPPRA program portion to be built when the CIAP portion was built (2009) which would have resulted in a significant savings by reducing mobilization and rock costs.

Construction costs for this final segment have increased due to various issues ranging from implementation delays resulting from Cost Share Agreement differences to changes in design due to cultural resource site concerns. Those delays are unfortunate but do not diminish the commitment the Task Force made in 2007.

Additionally, some have mentioned that this project should be viewed as a stand-alone project and evaluated as such. That is an unfortunate position which seems somewhat arbitrary in nature. This project was originally proposed including the Tebo Point segment, has been acknowledged throughout its long history including the Tebo Point segment, and when evaluated, in spite of the delays and resulting cost increases, in its entirety, is a cost effective coastal restoration project that the State and CWPPRA program can be proud of.

I would like to thank you for taking the time to consider this project's history and your continued support of coastal restoration, I remain...

Very truly yours,

MIAMI CORPORATION

Chad J. Courville
Land Manager

Received By
CEMVN-EX
US Army Corps of Engineers
New Orleans District

OCT 08 2014

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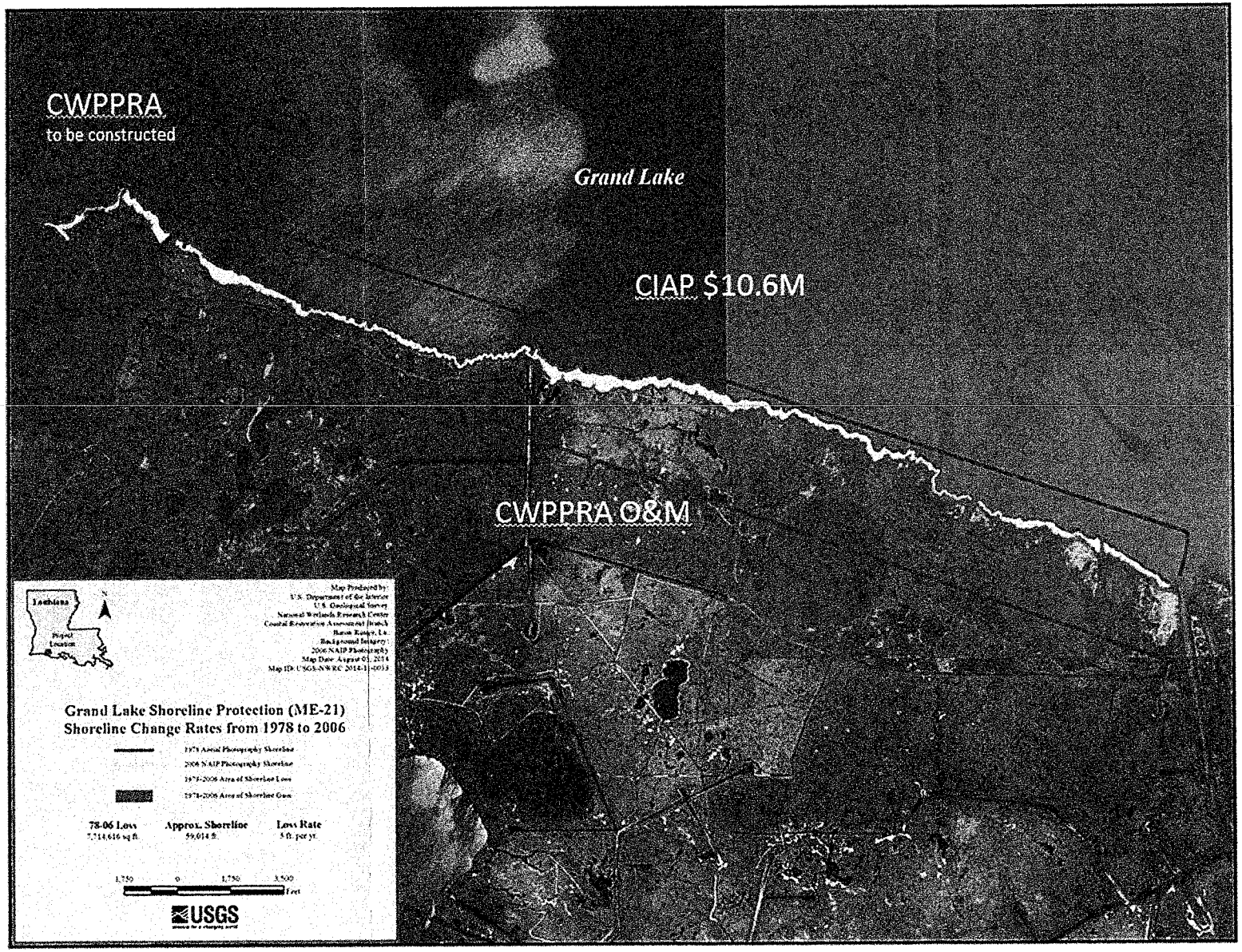
CWPPRA
to be constructed
Grand Lake
CIAP $10.6M
CWPPRA O&M
Louisiana
Project Location
Map Produced by:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Assessment Branch
Baton Rouge, La.
Background Imagery:
2006 NAIP Photography
Map Date: August 01, 2014
Map ID: USGS-NWRC 2014-11-0013
Grand Lake Shoreline Protection (ME-21)
Shoreline Change Rates from 1978 to 2006
1978 Aerial Photography Shoreline
2006 NAIP Photography Shoreline
1978-2006 Area of Shoreline Loss
1978-2006 Area of Shoreline Gain
78-06 Loss
7,714,616 sq ft.
Approx. Shoreline
59,014 ft.
Loss Rate
5 ft. per yr.
1,750
0
1,750
3,500
Feet
USGS

A_2731

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

REQUEST FOR APPROVAL TO INITIATE DEAUTHORIZATION OF WEST POINTE A LA HACHE OUTFALL MANAGEMENT (BA-04C)

For Decision:

CPRA is requesting formal deauthorization procedures be initiated on West Pointe a la Hache Outfall Management (BA-04c). The project team determined that many of the proposed benefits of BA-04c were being met by the current operation of the structure, and the marginal benefits could be achieved through this project could be achieved more cost-effectively by improving existing operations. The Task Force will consider the Technical Committee's recommendation to initiate deauthorization for BA-04c.

Technical Committee Recommendation:

The Task Force will consider the Technical Committee's recommendation to initiate deauthorization for BA-04c.

State of Louisiana

BOBBY JINDAL
GOVERNOR

September 4, 2014

Troy Constance
Chairman, CWPPRA Technical Committee
US Army Corps of Engineers
New Orleans District
PO Box 60267
New Orleans, LA 70160-0267

Subject: Initiation of Deauthorization Procedures

Dear Mr. Constance:

Please accept this correspondence as the Coastal Protection and Restoration Authority's (CPRA) official request to initiate deauthorization procedures for the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA) project West Pointe a la Hache Siphon Improvement project (BA-04c).

The existing siphon at West Pointe a la Hache was constructed in 1991. It is comprised of eight 72 inch diameter concrete coated steel tubes. Water is drawn from the Mississippi River, conveyed over the levee and discharged into the adjacent wetlands. Flow capacity is dependent upon the difference in water level between the river and the receiving basin. Maximum flow is generally considered to be approximately 2,700 cubic feet per second.

The siphon is operated by Plaquemines Parish Government (PPG) under an agreement amended and executed in February, 2007. The operations plan is as follows:

1. PPG shall prime the siphon when the Mississippi River reaches a stage of 4.0 feet and on the rise at the Carrollton gauge in New Orleans and
2. PPG shall let the siphon flow at its maximum.

In 1993, the West Pointe a la Hache Outfall Management project was authorized to improve hydrologic flow conditions in the outfall area. The project features included various fixed crested rock weirs with barge and boat bays, earthen plugs and spoil bank maintenance. Modelling completed in 2004 and revised in 2005 showed that siphon operation, more so than the proposed outfall management, creates favorable conditions in the outfall area.

In 2007, the revised operations agreement (mentioned above) was negotiated and executed.

In 2009, the CWPPRA Task Force formally approved a scope change to the BA-04c project that featured mechanical improvements to the siphon intended to improve operational efficiency. The proposed mechanical upgrades include:

Post Office Box 44027 • Baton Rouge, Louisiana 70804-4027 • 450 Laurel Street • 15th Floor Chase Tower North • Baton Rouge, Louisiana 70801
(225) 342-7308 • Fax (225) 342-4711 • http://www.coastal.la.gov
An Equal Opportunity Employer

1. Onsite vacuum priming system, including vacuum pump, compressor and pneumatic valve
2. Vacuum storage tank
3. Secured control building
4. Instrumentation for monitoring flow and sediment loads
5. Supervisory Control and Data Acquisition (SCADA) system for remote monitoring and control

Total project expenditures from inception to date are approaching $1,000,000. It is estimated that between completion of the design, Landrights, Construction, Monitoring and Operations and Maintenance, that an additional $4,840,000 would be required over the next 20 years to implement the project. As this is a pre-cashflow project, the majority of these funds are already allocated to the project by CWPPRA.

The siphon operation, if the proposed improvements are implemented, would likely require a mechanical, instrumentation and electrical contractor to maintain the mechanical system, and a programmer and SCADA technician to maintain the controls and communications system. CPRA contends that operational awareness, through inspections and supervision, is a more cost effective way to maximize the flow of fresh water into the project area. To wit, CPRA's New Orleans Field office commits to improved communication with PPG concerning the operation of the siphon. Therefore, CPRA recommends that this project be deauthorized and the remaining funds committed to the project be returned to CWPPRA.

Thank you for your assistance in this effort. Please direct questions regarding this matter to Stuart Brown (225-342-4596) or Garvin Pittman (225-342-4744).

Sincerely,

Bren Haase
Deputy Chief – Studies and Environmental Branch
Coastal Protection and Restoration Authority

Cc: Britt Paul, Assistant State Conservationist, Natural Resources Conservation Service
Darryl Clark, Senior Field Biologist, US Fish and Wildlife Service
Richard Hartman, Fishery Biologist, NOAA
Karen McCormick, Section Chief, EPA Region 6

rev. November 2012
Cost figures as of: August 2014

West Pointe a la Hache Outfall Management (BA-04c)

Project Status

Approved Date: 1994 **Project Area:** 15,755 acres
Approved Funds: $4.26 M **Total Est. Cost:** $5.37 M
Net Benefit After 20 Years: 646 acres
Status: Engineering and Design
Project Type: Outfall Management (Siphon Improvements)
PPL #: 3

Location

This project is located along the west bank of the Mississippi River within the Barataria Basin in Plaquemines Parish, Louisiana.

Problems

Construction of the Mississippi River levee system halted the river's seasonal over-bank flooding, effectively terminating the principal mechanism that naturally counteracted subsidence within the Barataria Basin. The marshes within the project area were no longer nourished with sediment, nutrients, and fresh water. In addition, the dredging of major navigation canals has provided avenues for salt water from the Gulf of Mexico to intrude into the area.

Restoration Strategy

In 1991 the West Pointe a la Hache siphon (state project BA-04) was constructed to draw water from the Mississippi River into nearby marshes. The siphon has a maximum capacity of approximately 2,700 cubic feet per second through eight 72-inch diameter tubes. The objective of the siphon is to restore the marshes to a fresher state by reintroducing fresh water, sediment, and nutrients to the area.

The objective of the project is to reduce wetland loss by increasing the duration and dependability of operation of all siphon pipes each year, thereby increasing the net annual delivery of freshwater and sediment to the project area.

Proposed siphon improvements include: on-site and remote instrumentation to provide continuous monitoring and measurement of actual flow rates; remote instrumentation to provide instant notification when any pipes lose their prime, and thereby initiate immediate response to re-establish the vacuum; on-site vacuum pump, control equipment, and instrumentation to immediately re-establish flow when any pipes lose their prime; and an air release system to allow escape of accumulated gases to maintain the siphon vacuum.

West Pointe a la Hache siphon's levee crossing and intake on the west bank of the Mississippi River.

Progress to Date

During the original engineering and design phase of this project, hydrodynamic modeling showed that the siphon flow plays a major role in ameliorating project area salinities. As a result, a scope change was approved by the CWPPRA Task Force in 2008. The project is currently in the engineering and design phase. The 30% design meeting was conducted on October 3, 2012.

This project is on Priority Project List 3.

For more project information, please contact:

Federal Sponsor:
Natural Resources Conservation Service
Alexandria, LA
(318) 473-7756

Local Sponsor:
Coastal Protection and Restoration Authority
Baton Rouge, LA
(225) 342-4736

West Pointe a la Hache Outfall Management (BA-04c)

Siphon

Project Boundary

USGS
science for a changing world

N

0.75 0 0.75 1.5 Kilometers

0.75 0 0.75 1.5 Miles

Map Produced by:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Assessment Branch
Baton Rouge, La.

Background Imagery:
2008 Digital Orthophoto Quarter Quadrangle

Map Date: November 07, 2012
Map ID: USGS-NWRC 2012-11-0004
Data accurate as of: November 07, 2012

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 23, 2014

ADDITIONAL AGENDA ITEMS

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

REQUEST FOR PUBLIC COMMENTS

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

DATE OF UPCOMING CWPPRA PROGRAM MEETING

For Announcement:

The Technical Committee Meeting will be held December 11, 2014 at 9:30 a.m. at the LA Department of Wildlife and Fisheries, Louisiana Room, 2000 Quail Drive, Baton Rouge, Louisiana.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING

OCTOBER 23, 2014

SCHEDULED DATES OF FUTURE PROGRAM MEETINGS

For Announcement:

December 11, 2014	9:30 a.m.	Technical Committee	Baton Rouge
January 22, 2015	9:30 a.m.	Task Force	Lacombe
January 27, 2015	11:00 a.m.	Region IV Planning Team	Lafayette
January 28, 2015	9:00 a.m.	Region III Planning Team	Houma
January 29, 2015	8:00 a.m.	Region I & II Planning Team	Lacombe