

# CWPPRA

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT TASK FORCE MEETING

### AGENDA

October 12, 2017, 9:30 a.m.

**Location:**

U.S. Army Corps of Engineers  
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 11, 2017 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 (Jernice Cheavis, USACE) 9:45 a.m. to 9:55 a.m.** Ms. Jernice Cheavis will provide an overview of the status of CWPPRA accounts and available funding in the Planning and Construction Programs.
- 4. Report: Electronic Votes and Approvals (Brad Inman, USACE) 9:55 a.m. to 10:00 a.m.** Mr. Brad Inman will report out on recent requests approved via electronic vote.
- 5. Report: Construction Update (Brad Inman, USACE) 10:00 a.m. to 10:20 a.m.** The CWPPRA agencies will provide a report on projects that are currently under construction and projects that have recently completed construction.
- 6. Report: Status of Unconstructed Projects (Brad Inman, USACE) 10:20 a.m. to 10:25 a.m.** The P&E Subcommittee will report on the status of unconstructed CWPPRA projects. There were no projects that were considered for “critical watch.”

- 7. Report: Land Area Change in Coastal Louisiana (1932-2016) (Brady Couvillion, USGS) 10:25 a.m. to 10:45 a.m.** Mr. Brady Couvillion with USGS will present the data, net land changes, and land change trends in coastal Louisiana from 1932 to 2016.
- 8. Report: Roseau Scale and Roseau Cane Die-Off (Dr. Ian Knight, LSU Extension Service) 10:45 a.m. to 11:05 a.m.** Dr. Ian Knight will present research and findings on the impacts and distribution of the Roseau cane scale in coastal Louisiana.
- 9. Report: Outreach Committee Report (Mirka Zapletal, USGS) 11:05 a.m. to 11:25 a.m.** Ms. Mirka Zapletal will provide the Outreach Committee report.
- 10. Report: Coastwide Nutria Control Program – Annual Report (Catherine Normand, LDWF) 11:25 a.m. to 11:45 a.m.** Ms. Catherine Normand with the Louisiana Department of Wildlife and Fisheries will present an annual report on the Coastwide Nutria Control Program (LA-03b).
- 11. Decision: Request for a No Cost Increase Time Extension for the Point au Fer Canal Plugs Project (TE-22) (Richard Hartman, NOAA) 11:45 a.m. to 11:50 a.m.** NOAA Fisheries and CPRA request a one year no cost increase time extension for the Point au Fer Canal Plugs (TE-22) project. The project was constructed in 1997 with a 20 year life expiration this year. At the request of the landowner, signage is being replaced on most of the structures prior to closing out the project while the structures are to be left in place.
- 12. Report/Decision: Request for early closeout and budget increase to reconcile O&M costs for the Highway 384 Hydrologic Restoration Project (CS-21) (Darrell Pontiff, CPRA) 11:50 a.m. to 12:10 p.m.** CPRA and NRCS request early closeout of the CS-21. The project sponsors request \$226,851.34 to reconcile current budget shortfall and cover close out costs. The project will be closed out by February 2018.
- 13. Decision: Request for Initial Transfer of the Shell Beach South Marsh Creation Project (PO-168) (Karen McCormick, EPA) 12:10 p.m. to 12:15 p.m.** The U.S. Environmental Protection Agency and the Coastal Protection and Restoration Authority request the initiation of formal transfer procedures for the Shell Beach South Marsh Creation Project (PO-168). It is recommended that the project be transferred because restoration of the project is being implemented within the Louisiana Trustee Implementation Group (LATIG) Final Restoration Plan #1 as part of the Deep Water Horizon Natural Resource Damage Assessment settlement.
- 14. Decision: Annual Request for Incremental Funding for FY20 Administrative Costs for Cash Flow Projects (Jernice Cheavis, USACE) 12:15 p.m. to 12:20 p.m.** The U.S. Army Corps of Engineers will request funding approval in the amount of \$34,083 for administrative costs for cash flow projects beyond Increment 1. The Task Force will consider and vote on the Technical Committee's recommendation on the request for funds.
- 15. Decision: Request for Funding for the CWPPRA Program's Technical Services (Michelle Fischer, USGS) 12:20 p.m. to 12:25 p.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 Technical Committee will consider and vote to make a recommendation to the Task Force to approve the request for budget increase and funding for technical services in the amount of \$171,410.

**16. Report: Coastwide Reference Monitoring System (Leigh Anne Sharp, CPRA) 12:25 p.m. to 12:45 p.m.** Ms. Leigh Anne Sharp will present the report on CRMS.

**17. Decision: Request for a Project Extension and Budget Increase for the Coastwide Reference Monitoring System (CRMS) for FY 2020 to FY 2039 (Leigh Anne Sharp, CPRA) 12:45 p.m. to 1:05 p.m.** The Task Force will consider and vote on the Technical Committee's recommendation to fund the CRMS program through FY39, but limit CWPPRA's contribution to \$10M per year following the CRMS 5 contract. The Task Force is asked to approve the CRMS FY20 through FY39 budget in the amount of \$202,300,476.16, which reflects this recommendation.

**18. Decision: Request for Operation and Maintenance (O&M) Incremental Funding (Stuart Brown, CPRA) 1:05 p.m. to 1:15 p.m.** The Task Force will consider and vote on the Technical Committee's recommendation to approve requests for total FY20 incremental funding in the amount of \$3,013,954.

a. PPL 9+ Projects requesting approval for FY20 incremental funding in the total amount of \$2,818,707 for the following projects:

- Freshwater Introduction South of Highway 82 (ME-16), PPL-9, USFWS  
Incremental funding amount: \$15,056
- Black Bayou Culverts Hydrologic Restoration (CS-29), PPL-9, NRCS  
Incremental funding amount: \$34,899
- GIWW - Perry Ridge West Bank Stabilization (CS-30) PPL-9, NRCS  
Incremental funding amount: \$13,733
- Four Mile Canal Terracing and Sediment Trapping (TV-18), PPL-9, NMFS  
Incremental funding amount: \$6,710
- Barataria Barrier Island Complex (BA-38) , PPL-11, NMFS  
Incremental funding amount: \$12,184
- Little Lake Shoreline Protection (BA-37), PPL-11, NMFS  
Incremental funding amount: \$8,878
- Pass Chaland to Grand Bayou Pass Barrier Island Restoration, (BA-35), PPL-11,  
Incremental funding amount: \$6,767
- Coastwide Nutria Control Program (LA-03b), PPL-11, NRCS  
Incremental funding amount (FY16): \$1,443,703
- South White Lake Shoreline Protection (ME-22), PPL-12, USACE  
Incremental funding amount: \$8,651
- East Marsh Island Marsh Creation (TV-21), PPL-14, EPA  
Incremental funding amount: \$14,568
- West Bell Pass Barrier Headland Restoration, (TE-52), PPL-16, NMFS  
Incremental funding amount: \$7,085
- Bayou Dupont Marsh and Ridge Creation, (BA-48), PPL-17, NMFS  
Incremental funding amount: \$7,067

- Grand Liard Marsh and Ridge Restoration, (BA-68), PPL-18, NMFS  
Incremental funding amount: \$7,004
  - Coastwide Vegetative Planting (LA-39), PPL-20, NRCS  
Incremental funding amount: \$1,232,402
- b. PPL 1-8 Project requesting approval for FY20 incremental funding in the total amount of \$195,247:
- Freshwater Bayou Wetland Protection (ME-04), PPL-2, NRCS  
Incremental funding amount: \$11,645
  - Cameron Creole Maintenance (CS-04a), PPL-3, NRCS  
Incremental funding amount: \$102,166
  - Replace Sabine Refuge Water Control Structures at Headquarters Canal, West Cove Canal, and Hog Island Gully (CS-23), PPL-3, USFWS  
Incremental funding amount: \$ 49,849
  - Freshwater Bayou Bank Stabilization (ME-13), PPL-5, NRCS  
Incremental funding amount: \$11,645
  - Black Bayou Hydrologic Restoration (CS-27), PPL-6, NMFS  
Incremental funding amount: \$19,942

**19. Decision: Request for Monitoring Incremental Funding (Stuart Brown, CPRA)**

**1:15 p.m. to 1:25 p.m.** The Task Force will consider and vote on the Technical Committee's recommendation to approve FY20 incremental funding in the amount of \$12,591,710.62.

- a. PPL 9+ Projects requesting approval for FY20 incremental funding in the total amount of \$625,849 for the following projects:
- Barataria Basin Landbridge Shoreline Protection (BA27c), PPL-9, NRCS  
Incremental funding amount: \$5,003
  - GIWW – Perry Ridge West Bank Stabilization (CS-30), PPL-9, NRCS  
Incremental funding amount: \$5,169
  - Freshwater Introduction South of Highway 82 (ME-16), PPL-9, USFWS  
Incremental funding amount: \$11,000
  - Four Mile Canal Terracing and Sediment Trapping (TV-18), PPL-9, NMFS  
Incremental funding amount: \$50,000
  - Timbalier Island Marsh/Dune Restoration (TE-40), PPL-10, EPA  
Incremental funding amount: \$49,934
  - North Lake Mechant Landbridge Restoration (TE-44), PPL-10, USFWS  
Incremental funding amount: \$81,818
  - Delta Management at Fort St. Phillip (BS-11), PPL-10, USFWS  
Incremental funding amount: \$39,808
  - East Sabine Lake Hydrologic Restoration (CS-32), PPL-11, USFWS  
Incremental funding amount: \$61,636
  - Coastwide Nutria Control Program (LA-03b), PPL-11, NRCS  
Incremental funding amount (FY16): \$92,233
  - Dedicated Dredging on the Barataria Basin Landbridge (BA-36), PPL-11, USFWS  
Incremental funding amount: \$50,384

- Goose Point/Pointe Platte Marsh Creation (PO-33), PPL-13, USFWS  
Incremental funding amount: \$45,071
  - West Belle Pass Barrier Headland Restoration (TE-52), PPL-16, NMFS  
Incremental funding amount: \$37,134
  - Coastwide Vegetative Planting (LA-39), PPL-20, NRCS  
Incremental funding amount: \$96,659
- b. PPL 1-8 Project requesting approval for FY20 incremental funding in the total amount of \$6,017:
- Naomi Outfall Project (BA-03c), PPL-5, NRCS  
Incremental funding amount: \$6,017
- c. Coastwide Reference Monitoring System (CRMS) requesting approval for FY20 incremental funding in the total amount of \$11,953,827.62:
- Coastwide Reference Monitoring System (CRMS) (LA-30) USGS  
Incremental funding amount: \$11,953,827.62

**20. Additional Agenda Items (Brad Inman, USACE) 1:25 p.m. to 1:30 p.m.**

**21. Request for Public Comments (Brad Inman, USACE) 1:30 p.m. to 1:35 p.m.**

**22. Announcement: Dates of Upcoming CWPPRA Program Meeting (Brad Inman, USACE) 1:35 to 1:40 p.m.** The Technical Committee Meeting will be held December 7, 2017 at 9:30 a.m. at Department of Natural Resources, LaSalle Building, 617 North Third Street, Baton Rouge, Louisiana (LaBelle Room).

**23. Announcement: Scheduled Dates of Future Program Meetings (Brad Inman, USACE) 1:40 p.m. to 1:50 p.m.**

December 7, 2017	9:30 a.m.	Technical Committee	Baton Rouge
January 25, 2018	9:30 a.m.	Task Force	TBD
January 30, 2018	1:00 p.m.	Region IV RPT	Grand Chenier
January 31, 2018	9:30 a.m.	Region III RPT	Morgan City
February 1, 2018	10:00 a.m.	Region I&II RPT	Lacombe

\*Dates and locations are subject to change. Please check back with lacoast.gov for the latest calendar.

**24. Decision: Adjourn**



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**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. Michael Clancy  
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. Johnny Bradberry  
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



Mr. Mark Wingate  
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



Mr. Stuart Brown  
Coastal Resources Scientist  
State of Louisiana CPRA



Mr. Adrian Chavarria  
Environmental Engineer  
Environmental Protection Agency



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

NO PHOTO

Mr. Quin Kinler  
Resource Conservationist  
Natural Resources Conservation Service



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**ADOPTION OF MINUTES FROM THE MAY 11, 2017 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**  
**11 May 2017**

**Minutes**

**I. INTRODUCTION**

Colonel Michael Clancy convened the 94th meeting of the Louisiana Coastal Wetlands Conservation and Restoration Task Force. The meeting began at 9:30 a.m. on May 11, 2017, at the Estuarine Habitats and Fisheries Center, Conference Room 119, 646 Cajundome Blvd., Lafayette, LA. The agenda is shown as Enclosure 1. The Task Force was created by the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA, commonly known as the Breaux Act), which was signed into law (PL 101-646, Title III) by President George Bush on November 29, 1990.

**II. ATTENDEES**

The attendance record for the Task Force Meeting is presented as Enclosure 2. The Task Force members introduced themselves as follows:

Col. Michael Clancy (USACE)  
Mr. Jeffrey Weller (USFWS)  
Mr. William "Bill" Honker (EPA)  
Mr. Brian Lezina (CPRA) sitting in for Johnny Bradberry  
Mr. Kevin Norton (NRCS)  
Mr. Chris Doley (NMFS)

**III. OPENING REMARKS**

Colonel Clancy welcomed those in attendance, introduced himself, and asked Task Force members to introduce themselves. Colonel Clancy asked if the Task Force had any opening comments; none were proffered.

**IV. AGENDA and MINUTES**

Colonel Clancy asked if the Task Force had any changes to make to the agenda. No comments or changes to the agenda were proffered by the Task Force or the public. He then stated that he had an agenda item to add as the first item, in order to present an award. He asked for a motion to adopt the agenda. Mr. Honker made the motion, which was seconded by Mr. Norton; the motion carried without dissent. The agenda was thus adopted.

He reviewed procedures for public comment, and reminded attendees to sign in.

Colonel Clancy proceeded with the first agenda item by introducing Mr. Loland Broussard, a charter member of the CWPPRA, who is retiring from the NRCS. Mr. Norton was called on, and made comments regarding Mr. Broussard's long professional career with the NRCS, praising

his commitment to coastal restoration efforts. Mr. Broussard received a certificate of recognition for exemplary service as the NRCS representative in the CWPPRA Engineering Workgroup.

Mr. Broussard made a brief statement regarding his career, expressing his privilege and pleasure as part of the program.

Mr. Brad Inman was asked to review the minutes. He stated that the minutes from the January Task Force meeting had previously been sent to Task Force members for review and comment, so recommended that the Task Force approve the minutes. Colonel Clancy invited further comment from the Task Force and the public, but none were made; he then asked for a motion to adopt the minutes as presented. Mr. Honker made the motion, which was seconded by Mr. Weller; the motion passed without dissent.

## V: TASK FORCE DECISIONS

**Agenda item #7 - Report/Decision: Upcoming 20-Year Life Projects (Brad Inman, USACE)**  
Task Force considered the Technical Committee’s recommendation to approve the paths forward for projects nearing the end of their 20 year lives (includes demonstration projects which have less than a 20 year life).

Mr. Inman iterated the rationale for evaluating projects as they near their 20 year lives, utilizing a matrix at the 15-year mark, the purpose of which is to determine appropriate paths forward for each project, i.e. potential funding needed, maintenance events required, whether to transfer, etc. He presented the following projects for consideration:

**a. Projects requesting approval for project closeout with no additional cost increase:**

CS-28-1	Sabine Refuge Marsh Creation Cycle 1	COE	2022
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Mr. Inman began by describing the above-reference project as complete, successful and requiring no maintenance to date. He recommended that the Task Force accept the path to closeout.

*Col Clancy called for Task Force and public questions or comments; none were proffered. He then called for a motion to accept the path forward to closeout. Mr. Norton made the motion, which Mr. Honker seconded; the motion carried without dissent.*

**b. Projects requesting approval for project closeout, feature removal, and cost increase:**

TE-45	Terrebonne Bay Shoreline DEMO	FWS	2015
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Mr. Inman described the above-referenced project as a demonstration project, which is also considered successful, but which contains features that must be removed. He recommended that the Task Force approve the path forward to closeout, after further evaluation, and determining additional funding required for feature removal and monitoring.

*Col Clancy called for Task Force and public questions or comments; none were proffered. He then called for a motion to accept the recommended path forward to closeout. Mr. Weller made the motion, which Mr. Norton seconded; the motion carried without dissent.*

**Agenda Item #8 -- Decision: Request for a No-Cost Time Extension for the East Mud Lake Marsh Management (CS-20) Project (Stuart Brown, CPRA)** NRCS and CPRA would like to request a no-cost time extension for the East Mud Lake Marsh Management project to December 2020.

Stuart Brown began by explaining that the project was approved for closeout in 2015, but that the final maintenance event was delayed due to land rights issues which have now been resolved. Thus a no-cost time extension is being requested to execute the final maintenance event.

*Col Clancy called for Task Force and public questions or comments; none were proffered. He then called for a motion to accept the recommended no-cost time extension. Mr. Honker made the motion, which Mr. Norton seconded; the motion carried without dissent.*

**Agenda Item #9 -- Decision: FY18 Planning Budget Approval, including the PPL 28 Process, and Presentation of FY18 Outreach Budget (Process, Funding, etc.) (Brad Inman, USACE)** The P&E Subcommittee presented their recommended FY18 Planning Program Budget development, including the PPL 28 Process.

Kaitlyn Carriere (USACE) presented the first item by iterating that the Process presented today is unchanged, but that the PPL 28 projects must comply with the 2017 State Master Plan. She presented a slide indicating the number of nominees in each CWPPRA basin. She also noted that the PPL 28 Process includes language inserted which establishes the procedure for breaking a tie in the electronic voting. She read that language aloud for the assembly.

- a. The Task Force considered the Technical Committee's recommendation to approve that the PPL 28 Process to include up to four nominees in the Barataria and Terrebonne Basins; three projects in the Breton Sound and Pontchartrain Basins; two nominees in the Mermentau, Calcasieu/Sabine, and Tech/Vermilion Basins; one nominee in the Atchafalaya Basin, and one in the coastwide category.

*Col Clancy called for Task Force and public questions or comments; none were proffered. He then called for a motion to accept the recommended PPL 28 Process. Mr. Honker made the motion, which Mr. Norton seconded; the motion carried without dissent.*

- b. The Task Force voted on a recommendation to approve the FY18 Outreach Committee Budget, in the amount of \$452,113.

Scott Wilson (USGS) presented the budget request in the amount of \$452,113 for the FY18 Outreach Program. He iterated typical Outreach Committee activities, such as support of agency participation in outreach, staff, Watermarks publication, website maintenance, printed communications, conference attendance and exhibits. He asserted that this is unchanged from previous years, except for a \$6,000 increase in the Watermarks contract.

*Colonel Clancy called for Task Force and public questions or comments; none were proffered. He then called for a motion to accept the Outreach budget as requested. Mr. Norton made the motion, which Mr. Honker seconded; the motion carried without dissent.*

- c. The Task Force voted on a recommendation to approve the FY18 Planning Budget (includes Outreach Committee Budget), in the amount of \$5,118,132.

Mr. Inman presented the FY18 Planning Budget, which includes the Outreach Budget. He pointed out an increase of \$110,000 for development of the Report to Congress in 2018.

*Colonel Clancy called for Task Force and public questions or comments; none were proffered. He then called for a motion to approve the FY18 Planning Budget in the amount of \$5,118,132 as presented. Mr. Honker made the motion, which Mr. Doley seconded; the motion carried without dissent.*

**Agenda Item #10 -- Decision: Request for Project Expansion (Garvin Pittman, CPRA) .**

Due to favorable bids, the USFWS and CPRA requested expansion of the TE-72 project.

Kevin Roy (FWS) reminded the assembly that he had provided an update on construction of this project earlier in the meeting. He then presented rationale for expansion of the Lost Lake Marsh Creation and Hydrologic Restoration project (TE-72), citing favorable bids, and a contribution from the LDNR Office of Coastal Management. Total available funding now is about \$8,861,395. Therefore, the request is to spend an estimated \$7,252,592 to create an additional 245 acres of contained marsh, by adding containment dikes, removing an abandoned pipeline, for additional dredging and additional surveys. The cost of each of those actions was itemized. Based on these estimates, a sum of about \$1,575,468 would remain for contingencies.

*Colonel Clancy called for Task Force and public questions or comments; none were proffered. He then called for a motion to approve the project expansion as presented. Mr. Weller made the motion, which Mr. Honker seconded; the motion carried without dissent.*

## **VI. INFORMATION**

**Agenda Item #3 -- Report: Status of CWPPRA Program Funds and Projects (Sarah Bradley, USACE)**

Sarah Bradley (USACE) made a presentation of the CWPPRA accounts pointing out that the numbers in the first slide are rounded. She began stating the total estimate of CWPPRA Program funding from its inception through 2019 (PPLs 1-26 – all phases) is \$ \$2,445 (in billions). Funding received to date as well as what is expected from DOI through 2019 is \$2,115 (in billions), leaving a gap of \$330 (in millions) needed to construct all authorized projects. Currently approved by the Task Force is \$1,836 (in billions) for projects in Phase I and Phase II. Currently funded by the Task Force, i.e. obligated to state agencies to begin work on approved project phases, is \$1,719 (in billions).

Ms. Bradley then presented a Summary of Funding of today's Action Items (if approved), starting with the estimated grand total above which is \$2,444,547,429. The balance carried forward from January 2017 is \$9,120,159. There are no funding requests expected at this meeting, leaving the \$9,120,159 available for carry-over to the October meeting.

Ms. Bradley presented the FY18 Planning Program Budget Recommendation beginning with available funds carried over from previously approved budget totaling \$238,124. Anticipated DOI funds (as every year) total \$5,000,000, resulting in a total of \$5,238,124 to

approve for the FY18 Planning Budget. Requests will be made to approve \$4,666,019 for the Planning Budget and \$452,113 for the Outreach Budget. If approved, remaining funds to be carried over into FY19 would total \$119,992.

Ms. Bradley then presented a summary of all authorized projects. Total number of authorized CWPPRA projects is 214; of those, 154 are currently active. There are 23 in Phase I Engineering & Design, 18 in Phase II Construction; 108 have been constructed. Additionally, 8 projects have been transferred, 6 are in-active and 46 have been de-authorized. Lastly, 5 project support programs are ongoing.

Colonel Clancy asked the Task Force and the public for questions or comments; none were proffered.

#### **Agenda item #4 - Report: Electronic Votes and Approvals (Brad Inman, USACE)**

Mr. Inman reported that a rapid response was needed on two issues that came up since the last Task Force meeting, so the electronic voting process was utilized on March 28, 2017.

The first issue was whether or not to approve project expansion for the Oyster Bayou Marsh Restoration project (CS-59). Due to lower-than-estimated bids, the project could be expanded by 132 acres. The decision was unanimous to approve that project expansion.

The second issue involved Environmental Banking. In the Water Resources Development Act (WRDA) [or so called the Water Infrastructure for the Nation Act (WIIN Act)] of 2016, there was an addition to the language asking the CWPPRA Task Force to develop regulatory guidelines for Environmental Banking. The Task Force voted unanimously to move forward with that action. Mr. Inman further reported that each agency has appointed a representative and each agency is providing \$10,000 toward that effort. A meeting has already been held with CPRA for consultation, as CPRA has done similar work on NRDA mitigation banks; that consultation is expected to continue.

Colonel Clancy asked the Task Force and the public for questions or comments; none were proffered.

#### **Agenda item #5 -- Report: Construction Update (Brad Inman, USACE)**

Mr. Inman called upon Kevin Roy to present construction updates on behalf of the FWS. Mr. Roy provided overviews and progress details for the South Lake Lery Shoreline and Marsh Creation project (BS-16), the Bayou Bonfouca Marsh Creation Project (PO-104), and the Lost Lake Marsh Creation and Hydrologic Restoration project (TE-72). Mr. Roy will be requesting approval for expansion of the latter.

Mr. Inman called on Quin Kinler to present construction updates on behalf of the NRCS. Mr. Kinler highlighted details of the Barataria Landbridge Shoreline Protection-Phase 3 (BA-27c), the Grand Lake Tebo Point Shoreline Protection project (ME-21), both of which are nearing completion. He also gave an account of the Coastwide Vegetative Plantings project (LA-39), which are in various states of being completed or let out for bid.

Mr. Inman called on Adrian Chavarria to present projects on behalf of the EPA. He highlighted project features and progress regarding the Bayou Dupont Sediment Delivery/ Marsh Creation #3 project (BA-164).

Mr. Inman called on Donna Rogers to present construction updates on behalf of the NMFS. Ms. Rogers highlighted details about the Oyster Bayou Marsh Creation Project (CS-59) in Cameron Parish, and spoke of project expansion with an anticipated completion date of November 2017.

Mr. Inman thanked the Task Force for the opportunity to highlight progress of projects under construction.

Colonel Clancy asked for comments or questions from the Task Force and the public; none were proffered.

**Agenda Item #6 -- Report: Selection of Ten Candidate Projects to Evaluate for PPL 27 (Kevin Roy, FWS)** At the April 27, 2017 meeting, the Technical Committee selected ten projects as PPL 27 candidates for Phase 0 analysis as listed in the table below. The Technical Committee also voted that no demonstration projects move forward.

Region	Basin	PPL 27 Candidates	Agency
1	Pontchartrain	Point aux Marchettes Shoreline Protection and Terracing	FWS
1	Pontchartrain	Bayou Cane Marsh Creation	FWS
2	Breton Sound	Breton Landbridge Marsh Creation (West)	NMFS
2	Breton Sound	East Delacroix Marsh Creation and Terracing	NMFS
2	Breton Sound	Mid Breton Landbridge Marsh Creation and Terracing	FWS
2	Barataria	Northeast Turtle Bay Marsh Creation and Critical Area SP	NRCS
2	Barataria	Grand Bayou Ridge and Marsh Creation	FWS
3	Terrebonne	North Bayou DeCade Ridge and Marsh Creation	NRCS
3	Terrebonne	East Catfish Lake Marsh Creation and Terracing	FWS
4	Calcasieu-Sabine	Sabine Marsh Creation Cycles 6&7	FWS

Mr. Kevin Roy was called upon to present an overview of each of the projects being considered. He presented a slide show beginning with a map of all project areas being considered. He then highlighted the prominent features (including location, acreage affected and estimated costs) of each project. These ten candidate projects will be evaluated in the coming months by Engineering and Environmental Work Groups.

Col. Clancy asked for questions or comments from the Task Force and the public.

Eric Zollinger (Biloxi Marshland Corporation) approached the microphone and expressed his appreciation to the FWS for proposing the Pointe aux Marchettes project, as the Corporation owns the property. He stated that they will be working closely with the FWS during the evaluation phase.

**Agenda Item #11 – Report: Public Outreach Committee Report (Nikki Cavalier, USGS)**

Ms. Nikki Cavalier presented the Public Outreach Committee report as follows:

In February the Outreach committee participated in World Wetlands Day (outreach to local 3<sup>rd</sup> graders), the LA Environmental Education Symposium (for teachers and environmental educators), and at the Episcopal School of Acadiana (high school outreach). In March outreach activities included the Lafayette Family Adventure Day hosted by Healing House in partnership with FWS, the Audubon Zoo Earth Festival, and the LA Green School Youth Summit. Outreach Committee activities received recognition in the USGS Sound Waves news bulletin. In April the Outreach Committee participated in the Leeville Art & Heritage Festival (public awareness), the ULL's Fete de la Terre (student outreach), and at the Bayou Teche Black Bear Festival (children's activities). Most recently the Outreach Committee participated in the Coastal Day at the Louisiana Legislature in order to provide information to elected officials. Additionally, two *Landmarks* newsletters have been printed. Other products being produced are an addition to #protectourcoast on social media, giving the public a forum for discussion, and Parish Fact sheets which will inform residents of local projects. Ms. Cavalier then noted several staff changes, including the introduction of Chelsea Vidrine – the new Outreach Intern. Former CWPPRA Outreach Intern, Victoria Sagrera has been crowned Miss Louisiana, thus will raise awareness of coastal issues via a new platform. Outreach Coordinator Mirka Zapletal will be out for the next six weeks after giving birth to a son.

Colonel Clancy asked for comments or questions from the Task Force and the public; none were proffered.

**Agenda item #12 -- Report: Coastwide Reference Monitoring System (CRMS) Report (Leigh Anne Sharp, CPRA)**

Ms. Sharp began by summarizing discussions held at the most recent Monitoring Work Group meeting. Her slide show listed several subjects for which Ms. Sharp provided detail, including surface elevation trends, report progress, field challenges, spatial data availability, website usage/ survey, FY20-FY40 budgetary and projections, Phragmites scale insect issue, etc. She recommended that all agencies try to attend the CRMS website training session in the fall, as her staff does, in order to optimize agency planning. The CRMS budget has been approved through FY19. The FY20-FY40 budget is being drafted, and the staff is willing to hear questions and concerns regarding the numbers therein.

Colonel Clancy asked for comments or questions from the Task Force.

Mr. Honker recommended that the CRMS staff meet with agency representatives collectively rather than individually, which would lend itself to brain-storming and idea generation more efficiently. Ms. Sharp requested that the session occur in early August and stressed her desire that it be in person, rather than by phone. Mr. Weller offered his assurances toward that effort, as did Mr. Honker and Mr. Lezina.

Colonel Clancy asked the public for questions or comments; none were proffered.

**Agenda item #13 – Additional Agenda Items (Col. Clancy, USACE)**

Colonel Clancy announced the end of formal agenda items.

**VIII. REQUEST FOR PUBLIC COMMENTS**

Colonel Clancy opened the floor for any further public comments; none was proffered.

## IX. CLOSING

Mr. Inman was called upon to iterate the following schedule of meetings:

**A. Announcement: Date of Upcoming CWPPRA Program Meeting (Brad Inman, USACE)** The Technical Committee meeting will be held September 14, 2017 at 9:30 a.m. at the Louisiana Department of Wildlife and Fisheries (Louisiana Room), 2000 Quail Drive, Baton Rouge, Louisiana.

**B. Announcement: Scheduled Dates of Future Program Meetings (Brad Inman, USACE)**

September 14, 2017	9:30 a.m.	Technical Committee	Baton Rouge
October 12, 2017	9:30 a.m.	Task Force	New Orleans
December 7, 2017	9:30 a.m.	Technical Committee	Baton Rouge

Mr. Inman reminded the assembly that between now and the fall meetings, various work groups will be evaluating the ten projects recently approved for Phase 0, and that at the December 2017 meeting those will be narrowed down to four (4) projects that will move to consideration for Phase 1, Engineering and Design.

### C. Adjournment

Colonel Clancy called for any closing comments from the Task Force; none was proffered.

Colonel Clancy called for a motion to adjourn. Mr. Honker made the motion which Mr. Norton seconded. The meeting adjourned at 10:46 a.m. without dissent.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**STATUS OF CWPPRA PROGRAM FUNDS AND PROJECTS**

**For Report:**

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

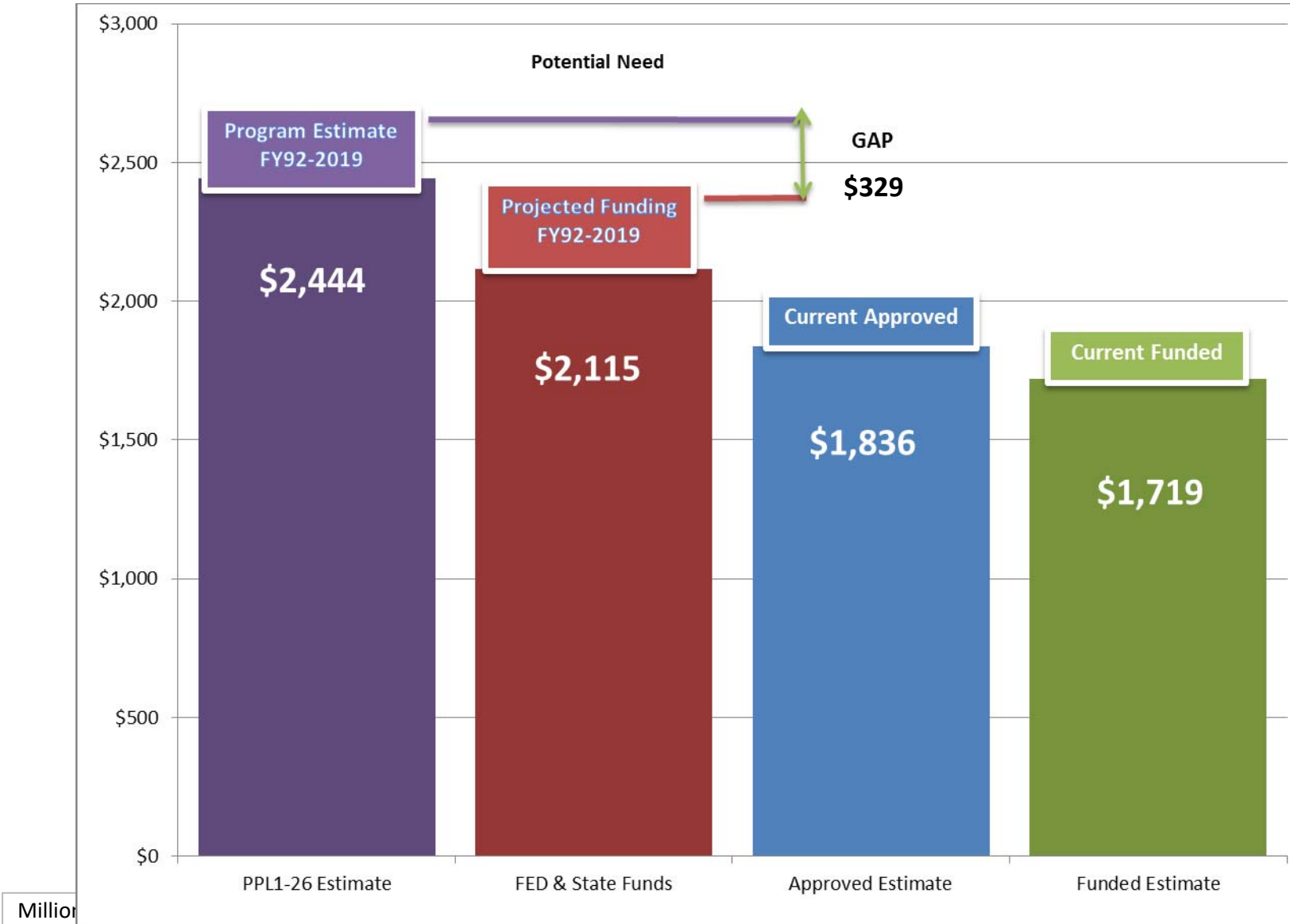


# Status of CWPPRA Program Funds & Projects

Jernice P. Cheavis

12 October 2017

# CWPPRA CONSTRUCTION PROGRAM



# CWPPRA PROGRAM BUDGET INCREASES

**Program Estimate (PPL 1-26)**

**\$2,444,423,093**

## **Project Budget Increases**

Terrebonne Bay Shoreline Demonstration Project (TE-45)	\$538,529
HWY 384 Hydrologic Restoration Project (CS-21)	\$226,851
<b>TOTAL:</b>	<b>\$765,380</b>

## **Support Projects**

Construction Program Technical Services	\$171,410
Coastwide Reference Monitoring System	\$202,300,476
<b>TOTAL:</b>	<b>\$202,471,886</b>

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**ESTIMATED REMAINING:      \$2,647,660,359**

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# CWPPRA PROGRAM FUNDING REQUESTS

<b>Available Funds</b>	
Carried in From May 2017 Task Force Meeting	\$9,120,159
<b>FY18 DOI Funds Estimate</b>	<b>\$72,782,034</b>
<b>TOTAL:</b>	<b>\$81,902,193</b>

<b>Project Closeout Expenses</b>	
Terrebonne Bay Shoreline Demonstration Project (TE-45)	(\$538,529)
HWY 384 Hydrologic Restoration Project (CS-21)	(\$226,851)
<b>TOTAL:</b>	<b>(\$765,380)</b>

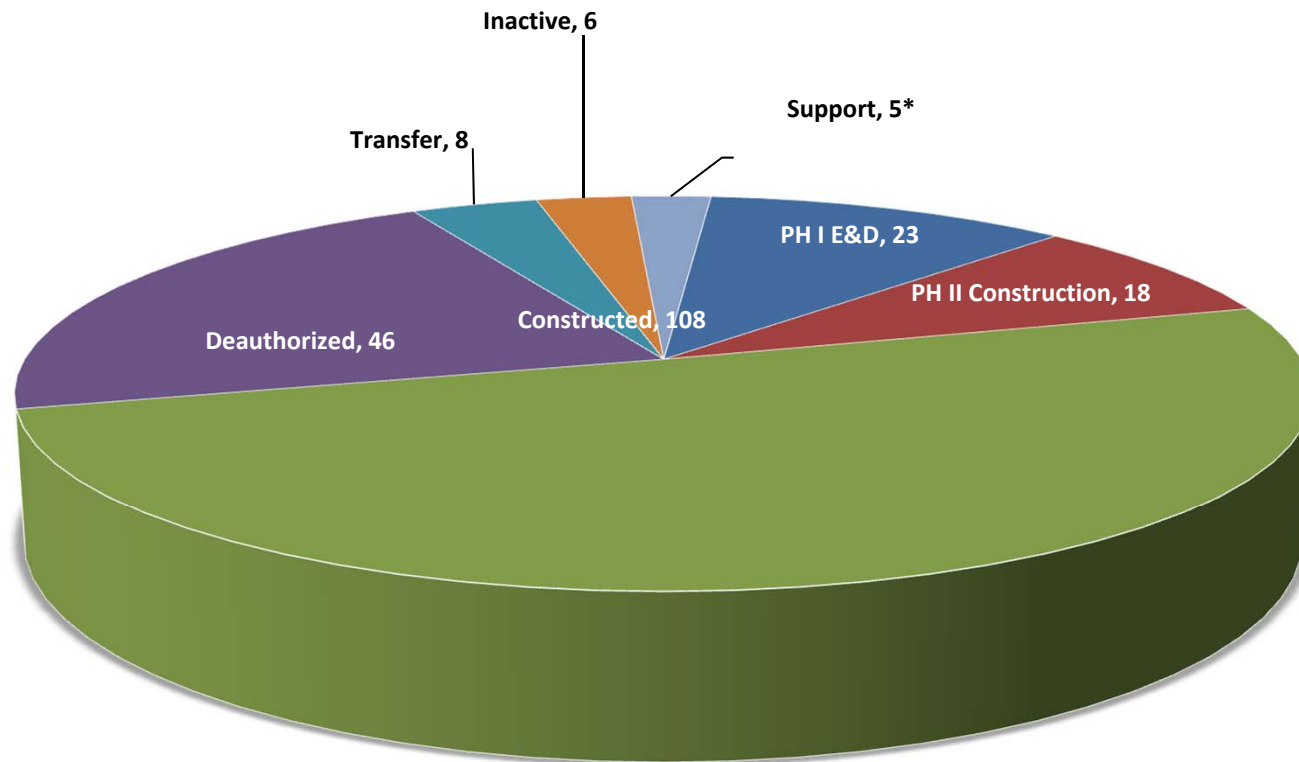
<b>Total Requests</b>	
COE Administrative Funding Requests	(\$34,083)
Construction Program Technical Services	(\$171,410)
Operation & Maintenance	(\$3,013,954)
Monitoring	(\$12,585,694)
<b>TOTAL:</b>	<b>(\$15,805,141)</b>

**ESTIMATED REMAINING: \$65,331,672**

# CWPPRA PROJECT STATUS

**TOTAL CWPPRA PROJECTS: 214**

**ACTIVE PROJECTS: 154**



**\*(1) CRMS (2) Monitoring Contingency Fund (3) Storm Recovery Procedures (4) Construction Program Technical Services (5) Wetland Conservation Plan**

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## Project Summary Report by Priority List

P/L	No. of Projects	Acres	CSA Executed	Under Const.	Const. Completed	Federal Const. Funds Available	Non/Fed Const. Funds Matching Share	Baseline Estimate	Current Estimate	Obligations To Date	Expenditures To Date
1	14	18,932	14	0	14	\$28,084,900	\$14,234,786	\$86,918,321	\$85,860,598	\$76,232,006	\$75,916,770
2	14	13,090	14	0	14	\$28,173,110	\$14,594,499	\$87,748,455	\$87,736,358	\$73,620,438	\$73,450,869
3	10	11,427	10	0	10	\$29,939,100	\$8,771,322	\$57,278,110	\$49,950,246	\$43,935,383	\$45,016,837
4	4	1,650	4	0	4	\$29,957,533	\$2,202,220	\$13,583,217	\$13,581,726	\$12,599,551	\$12,650,027
5	6	1,907	6	0	6	\$33,371,625	\$2,037,227	\$20,355,060	\$16,943,978	\$12,924,409	\$12,916,060
6	10	9,439	10	0	10	\$39,134,000	\$6,722,155	\$53,338,029	\$53,063,671	\$38,955,472	\$38,696,397
7	4	1,873	4	0	4	\$42,540,715	\$4,669,116	\$31,118,524	\$31,118,524	\$29,748,854	\$29,640,163
8	7	1,529	7	0	7	\$41,864,079	\$5,701,494	\$36,612,769	\$35,982,234	\$27,377,210	\$27,302,306
9	10	2,147	10	1	9	\$47,907,300	\$15,351,967	\$108,954,769	\$94,888,708	\$90,988,998	\$80,233,471
10	9	1,794	9	1	6	\$47,659,220	\$19,767,857	\$139,575,449	\$127,044,802	\$109,327,453	\$81,160,013
11	10	17,941	10	1	8	\$57,332,369	\$43,153,885	\$318,726,345	\$271,408,374	\$238,886,794	\$218,901,763
11.1	1	330	1	0	1	\$0	\$7,065,116	\$14,130,233	\$14,130,233	\$13,994,787	\$13,998,261
12	3	1,170	3	0	3	\$51,938,097	\$6,297,127	\$43,238,523	\$38,810,546	\$34,746,812	\$34,734,449
13	3	708	3	0	3	\$54,023,130	\$7,111,607	\$45,680,048	\$45,282,353	\$40,567,566	\$40,534,706
14	2	275	2	0	2	\$53,054,804	\$7,068,563	\$39,405,387	\$37,144,933	\$32,517,779	\$33,965,288
15	1	447	1	0	1	\$58,059,645	\$5,992,915	\$24,092,500	\$23,640,564	\$23,424,166	\$23,403,609
16	2	305	2	0	2	\$71,402,872	\$7,092,928	\$42,842,415	\$42,590,362	\$26,366,204	\$26,316,629
17	4	595	3	0	2	\$83,286,685	\$11,394,848	\$74,863,876	\$73,734,200	\$71,129,240	\$61,222,414

18	3	612	2	1	1	\$84,916,489	\$8,108,998	\$51,813,917	\$51,216,073	\$46,296,769	\$38,396,511
19	3	1,446	3	1	0	\$79,566,889	\$5,616,638	\$40,123,127	\$36,528,652	\$5,807,817	\$5,020,508
20	3	1,733	3	2	0	\$77,389,442	\$9,969,534	\$69,651,382	\$66,587,270	\$12,360,972	\$6,673,472
21	4	1,936	3	0	0	\$74,239,647	\$9,169,799	\$94,422,352	\$91,384,304	\$52,913,864	\$7,527,108
22	4	1,159	3	0	0	\$75,310,243	\$3,940,650	\$62,144,044	\$60,666,641	\$51,989,483	\$15,577,233
23	4	1,107	1	0	0	\$64,666,970	\$1,915,165	\$12,471,926	\$12,471,926	\$8,350,137	\$1,141,026
24	4	1,312	1	0	0	\$73,630,672	\$1,656,775	\$11,045,165	\$11,045,165	\$6,339,700	\$937,920
25	6	1,508	1	0	0	\$75,783,982	\$2,791,778	\$18,611,855	\$18,611,855	\$2,012,834	\$49
26	4	805	0	0	0	\$74,434,809	\$1,476,478	\$12,711,300	\$9,843,119	\$588,710	\$321
Active Projects	149	97,177	130	7	107	\$1,477,668,327	\$237,762,385	\$1,611,457,097	\$1,501,267,414	\$1,184,003,409	\$1,005,334,179
Deauthorized	60	18,492	39	2	0			\$87,520,212	\$81,801,599	\$60,918,758	\$60,124,665
Total Projects	209	115,669	169	9	107	\$1,477,668,327	\$237,762,385	\$1,698,977,310	\$1,583,069,013	\$1,244,922,167	\$1,065,458,84
Cons Plan	1		1	0	1	\$0	\$41,091	\$191,807	\$191,807	\$143,855	\$143,855
CPSSF	1	0	1	0	0	\$0	\$160,843	\$1,243,694	\$1,243,694	\$900,874	\$760,046
CRMS	1		1	1	0	\$0	\$15,703,793	\$114,607,082	\$114,607,082	\$84,306,742	\$84,306,742
MCF	1		1	1	0	\$0	\$225,000	\$1,500,000	\$1,500,000	\$666,704	\$666,704
SRAF	1		1	1	0	\$0	\$85,438	\$569,586	\$569,586	\$426,056	\$426,056
Total Construction Program	214	115,669	174	12	108	\$1,477,668,327	\$253,817,707	\$1,817,089,478	\$1,701,181,182	\$1,331,366,399	\$1,151,762,247
						\$1,731,486,034					

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

Construction Start FY	Ph I Appr Ph II Appr	Construction		Agency	PL	Acres	Project	Construction		
		Start Date	Compl Date					Estimate	Obligations	Expenditures
FY2013	10-Jan-2001 A 20-Jan-2010 A	02-May-2013 A	01-Feb-2014 *	NRCS	10	64	GIWW Bank Restoration of Critical Areas in Terrebonne	\$7,919,007.00	\$7,782,764.46	\$7,782,764.46
FY2013	21-Jan-2009 A 21-Jan-2009 A	27-May-2013 *	24-Apr-2017 *	NRCS	18	0	Non-Rock Alternatives to Shoreline Protection Demo	\$4,705,689.00	\$4,731,792.92	\$3,751,171.07
FY2013	24-Apr-1997 A 28-Oct-2010 A	01-Jun-2013 *	01-Oct-2014 *	FWS	6	266	Lake Boudreaux Freshwater Introduction INACTIVE	\$12,493,289.00	\$11,129.12	\$11,129.12
<b>FY Total</b>						<b>330</b>		<b>\$25,117,985.00</b>	<b>\$12,525,686.50</b>	<b>\$11,545,064.65</b>

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

Construction Start FY	Ph I Appr Ph II Appr	Construction		Agency	PL	Acres	Project	Construction		
		Start Date	Compl Date					Estimate	Obligations	Expenditures
FY2014	25-Oct-2007 A 19-Jan-2012 A	01-Apr-2014 *	01-Jun-2018	FWS	17	409	South Lake Lery Shoreline and Marsh Restoration	\$28,693,565.00	\$28,951,031.45	\$20,829,070.20
FY2014	25-Oct-2007 A 19-Jan-2011 A	21-Apr-2014 *	30-Sep-2015 *	NMFS	17	186	Bayou Dupont Ridge Creation & Marsh Restoration	\$35,077,416.00	\$35,101,282.67	\$33,935,766.40
FY2014	19-Jan-2011 A 22-Jan-2014 *	01-Sep-2014 *	01-Sep-2018	NRCS	20	274	Kelso Bayou Marsh Creation TRANSFER	\$0.00	\$0.00	\$0.00
<b>FY Total</b>						<b>1,199</b>		<b>\$63,770,981.00</b>	<b>\$64,052,314.12</b>	<b>\$54,764,836.60</b>

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

Construction Start FY	Ph I Appr Ph II Appr	Construction		Agency	PL	Acres	Project	Construction		
		Start Date	Compl Date					Estimate	Obligations	Expenditures
FY2015	19-Jan-2012 A 22-Jan-2015 A	01-Sep-2015 *	15-Oct-2016 *	NMFS	21	433	Oyster Bayou Marsh Restoration	\$22,734,564.00	\$24,245,324.00	\$1,021,693.02
FY2015	18-Oct-2006 A	01-Dec-2015 *	01-Jul-2017 *	NMFS	16	334	Madison Bay Marsh Creation and Terracing INACTIVE	\$0.00	\$0.00	\$0.00
<b>FY Total</b>						<b>1,966</b>		<b>\$22,734,564.00</b>	<b>\$24,245,324.00</b>	<b>\$1,021,693.02</b>

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

Construction Start FY	Ph I Appr Ph II Appr	Construction		Agency	PL	Acres	Project	Construction			
		Start Date	Compl Date					Estimate	Obligations	Expenditures	
FY2016	24-Jan-2013 A 14-May-2015 A	01-Feb-2016	*	EPA	22	118	Bayou Dupont Sediment Delivery- Marsh Creation 3	\$12,339,259.00	\$12,660,808.00	\$10,051,251.22	
FY2016	10-Jan-2001 A	01-Apr-2016	*	15-Feb-2018	NMFS	10	256	Rockefeller Refuge Gulf Shoreline Stabilization	\$25,941,244.00	\$25,565,032.00	\$13,737.34
FY2016	10-Jan-2001 A 22-Jan-2016 *	05-Dec-2016	*	31-Mar-2018	EPA	10	0	Hydrologic Restoration & Vegetative Planting in the Lac des Allemands Swamp	\$1,715,768.00	\$2,004,218.00	\$35,822.66
<b>FY Total</b>						<b>2,340</b>		<b>\$39,996,271.00</b>	<b>\$40,230,058.00</b>	<b>\$10,100,811.22</b>	

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

Construction Start FY	Ph I Appr Ph II Appr	Construction		Agency	PL	Acres	Project	Construction		
		Start Date	Compl Date					Estimate	Obligations	Expenditures
FY2017	16-Jan-2002 A 15-Feb-2007 A	01-Dec-2016 *	07-Jul-2017 A	NRCS	11	45	Grand Lake Shoreline Protection	\$5,578,845.00	\$5,795,722.00	\$3,626,476.41
FY2017	20-Jan-2010 A 24-Jan-2013 A	25-Jan-2017 A	26-Aug-2018	FWS	19	452	Lost Lake Marsh Creation and Hydrologic Restoration	\$28,414,381.00	\$77,170.23	\$4,178.30
FY2017	18-Oct-2006 A 20-Jan-2017 *	30-Jun-2017 *	10-Jul-2018	COE	16	888	Southwest LA Gulf Shoreline Nourish & Protect TRANSFER	\$0.00	\$0.00	\$0.00
FY2017	21-Jan-2009 A 22-Jan-2017 *	01-Sep-2017 *	01-Jul-2018	NRCS	18	233	Central Terrebonne Freshwater Enhancement TRANSFER	\$0.00	\$0.00	\$0.00
<b>FY Total</b>						<b>3,958</b>		<b>\$33,993,226.00</b>	<b>\$5,872,892.23</b>	<b>\$3,630,654.71</b>

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

Construction Start FY	Ph I Appr Ph II Appr	Construction		Agency	PL	Acres	Project	Construction		
		Start Date	Compl Date					Estimate	Obligations	Expenditures
FY2018	19-Jan-2012 A 12-Jan-2017 A	01-Apr-2018	20-Jun-2019	FWS	21	432	Turtle Bay Marsh Creation	\$24,558,643.00	\$0.00	\$0.00
FY2018	20-Jan-2010 A 22-Jan-2014 *	01-Jul-2018	01-Aug-2019	NRCS	19	279	Freshwater Bayou Marsh Creation	\$0.00	\$0.00	\$0.00
FY2018	20-Jan-2010 A 21-Jan-2018	01-Sep-2018	01-Sep-2019	NRCS	19	715	LaBranche East Marsh Creation	\$0.00	\$0.00	\$0.00
FY2018	19-Jan-2012 A 21-Jan-2018	01-Sep-2018	01-Sep-2020	NRCS	21	731	LaBranche Central Marsh Creation	\$0.00	\$0.00	\$0.00
<b>FY Total</b>						<b>6,115</b>		<b>\$24,558,643.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

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

Construction Start FY	Ph I Appr Ph II Appr	Construction		Agency	PL	Acres	Project	Construction		
		Start Date	Compl Date					Estimate	Obligations	Expenditures
FY2021	21-Jan-2016 A 01-Jan-2019	01-Nov-2020	01-Nov-2021	NRCS	25	251	Barataria Bay Rim Marsh Creation	\$0.00	\$0.00	\$0.00
<b>FY Total</b>						<b>6,366</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

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

Construction Start FY	Ph I Appr Ph II Appr	Construction		Agency	PL	Acres	Project	Construction		
		Start Date	Compl Date					Estimate	Obligations	Expenditures
Grand Total						6,366		\$210,171,670.00	\$146,926,274.85	\$81,063,060.20

# COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## PROJECT STATUS SUMMARY REPORT

02 October 2017

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

Reports enclosed:

Project Summary by Priority List

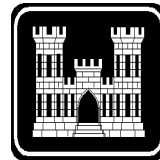
Project Summary by Basin

Project Summary Estimates

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



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

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

**Lead Agency: EPA, 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	\$191,807	\$191,807	100.0	\$143,855
	<b>Status:</b>	The date the MIPR was issued to obligate the Federal funds for the development of the plan is used as the construction start date for reporting purposes.								
		Complete.								

Total Priority List		Cons Plan					\$191,807	\$191,807	100.0	\$143,855
										\$143,855

- 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: ENVIRONMENTAL PROTECTION AGENCY (EPA)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Total</b>							\$191,807	\$191,807	100.0	\$143,855 \$143,855

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

Notes:

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

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

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

**Lead Agency: USGS, 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	\$114,607,082	100.0	\$84,306,742
										\$84,306,742

**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.

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
	Total Priority List	0.1					\$114,607,082	\$114,607,082	100.0	\$84,306,742 \$84,306,742
	1 Project(s)									
	1 Cost Sharing Agreements Executed									
	1 Construction Started									
	0 Construction Completed									
	0 Project(s) Deferred/Deauthorized									
<b>Total</b>							<b>\$114,607,082</b>	<b>\$114,607,082</b>	<b>100.0</b>	<b>\$84,306,742</b> <b>\$84,306,742</b>
	<b>1 Project(s)</b>									
	<b>1 Cost Sharing Agreements Executed</b>									
	<b>1 Construction Started</b>									
	<b>0 Construction Completed</b>									
	<b>0 Project(s) Deferred/Deauthorized</b>									

Notes:

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures	
				CSA	Const Start	Const End	Approved	Funded	%		
<b>Lead Agency: USGS, U.S. Geological Survey</b>											
<b>Priority List 0.2</b>											
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	
				<b>Status:</b> 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	

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Total</b>							<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>100.0</b>	<b>\$666,704</b> <b>\$666,704</b>

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

Notes:

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Lead Agency: USGS, U.S. Geological Survey</b>										
<b>Priority List 0.3</b>										
Storm Recovery Assessment Fund	COAST	COAST		21-Aug-2007 A	18-Oct-2006 A		\$569,586	\$569,586	100.0	\$426,056
				<b>Status:</b> 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

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual
				CSA	Const Start	Const End	Approved	Funded	%	Obligations/ Expenditures
<b>Total</b>							<b>\$569,586</b>	<b>\$569,586</b>	<b>100.0</b>	<b>\$426,056</b> <b>\$426,056</b>

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

## Notes:

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

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

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

**Lead Agency: USGS, U.S. Geological Survey**

**Priority List 0.4**

Construction Program	COAST	COAST	0	19-Oct-2011	A		\$1,243,694	\$1,243,694	100.0	\$900,874
Technical Support										\$760,046
Services Fund										
<b>Total Priority List</b>		<b>0.4</b>	<b>0</b>				<b>\$1,243,694</b>	<b>\$1,243,694</b>	<b>100.0</b>	<b>\$900,874</b> <b>\$760,046</b>

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

<b>Total</b>			<b>0</b>				<b>\$1,243,694</b>	<b>\$1,243,694</b>	<b>100.0</b>	<b>\$900,874</b> <b>\$760,046</b>
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- 1 Project(s)**
- 1 Cost Sharing Agreements Executed**
- 0 Construction Started**
- 0 Construction Completed**
- 0 Project(s) Deferred/Deauthorized**

Notes:

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

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

Actual

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

Lead Agency: COE, 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	\$1,167,832	\$1,167,832	100.0	\$1,158,382 \$1,158,382
	<b>Status:</b> The enlargement of Queen Bess Island was incorporated into the project and the construction of a 9-acre cell was completed in October 1996, at a cost of \$945,678. Remaining funds may be used to clear marsh creation sites of oyster leases. If oyster-related conflicts are removed from the remaining marsh creation sites, these areas will be incorporated into the Corp's O&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	\$3,717,914	\$3,717,914	100.0	\$3,717,914 \$3,717,914
	<b>Status:</b> Contract awarded to T. L. James Co. (Dredge "Tom James") for dredging approximately 2,500,000 cy of Lake Pontchartrain sediments and placing in marsh creation area. Contract final inspection was performed on April 7, 1994. Site visit by Task Force took place on April 13, 1994. 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 obligate 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Lake Salvador Shoreline Protection at Jean Lafitte NHP&P	BARA	JEFF		29-Oct-1996A	01-Jun-1995 A	21-Mar-1996A	\$60,375	\$60,375	100.0	\$60,375 \$60,375
<p><b>Status:</b> This project was added to Priority List 1 at the March 1995 Task Force meeting. The Task Force approved the expenditure of up to \$45,000 in Federal funds and non-Federal funds of \$15,000 (25%) for the design of the project.</p> <p>A design review meeting was held with Jean Lafitte Park personnel in May 1996 to resolve design comments prior to advertisement for the construction contract. The contract was awarded December 4, 1996 for \$610,000 to Bertucci Contracting Corp. The contract was completed in March 1997.</p> <p>Complete. This project was design only.</p>										
Vermilion River Cutoff Bank Protection	TECHE	VERMI	65	17-Apr-1993 A	10-Jan-1996A	11-Feb-1996A	\$2,047,479	\$2,047,479	100.0	\$2,013,885 \$2,013,887
<p><b>Status:</b> 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.</p> <p>The Task Force approved a revised project estimate of \$2,500,000; however, current estimate is less.</p> <p>Condemnation of real estate easements was required because of unclear ownership titles and significantly lengthened the project schedule. Construction was completed in February 1996.</p> <p>Complete.</p>										

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
West Bay Sediment Diversion	DELTA	PLAQ	9,831	29-Aug-2002 A	10-Sep-2003 A	28-Nov-2003 A	\$50,863,503	\$50,863,503	100.0	\$44,135,558 \$44,031,348
<p><b>Status:</b> 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.</p> <p>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.</p> <p>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.</p>										
Total Priority List		1	10,544				\$57,857,103	\$57,857,103	100.0	\$51,086,115 \$50,981,907

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

**Priority List 1**

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Isles Dernieres Restoration East Island	TERRE	TERRE	9	17-Apr-1993 A	16-Jan-1998 A	15-Jun-1999 A	\$8,762,416	\$8,762,416	100.0	\$8,664,422 \$8,664,422
<p><b>Status:</b> This phase of the Isles Dernieres restoration project was combined with Isles Dernieres, Phase I (Trinity Island), a priority list 2 project. Additional funds to cover the increased construction cost on lowest bid received were approved at the January 16, 1998 Task Force meeting.</p> <p>Construction start was January 16, 1998. Hydraulic dredging was completed September 1998. Vegetation planting was completed June 1999.</p>										
<hr/>										
Total Priority List		1	9				\$8,762,416	\$8,762,416	100.0	\$8,664,422 \$8,664,422

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

**Priority List 1**

Bayou Sauvage National Wildlife Refuge Hydro Restoration, Phase 1	PONT	ORL	1,550	17-Apr-1993 A	01-Jun-1995 A	30-May-1996 A	\$1,680,193	\$1,680,193	100.0	\$1,601,663 \$1,419,905
<p><b>Status:</b> Construction was completed in May 1996. The Operation and Maintenance Plan was approved in October 2004. The FWS is the lead O&amp;M agency for this project in coordination with the State Coastal Protection and Restoration Authority (CPRA).</p> <p>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.</p>										
Cameron Creole Plugs	CA/SB	CAMER	865	17-Apr-1993 A	01-Oct-1996 A	28-Jan-1997 A	\$2,129,205	\$1,184,669	55.6	\$1,145,809 \$1,136,999
<p><b>Status:</b> 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.</p>										

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Cameron Prairie National Wildlife Refuge Shoreline Protection	MERM	CAMER	247	17-Apr-1993 A	19-May-1994 A	09-Aug-1994 A	\$1,227,123	\$1,227,123	100.0	\$1,061,657 \$1,061,657
<p><b>Status:</b> 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&amp;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&amp;M inspection reported that the rock dike is in good condition.</p> <p>Two small sections of lower rock allowing water exchange were noted during the March 2012 O&amp;M inspection, but there was no need of maintenance at that time. Those low areas were noted in previous inspections.</p>										
Sabine National Wildlife Refuge Erosion Protection	CA/SB	CAMER	5,542	17-Apr-1993 A	24-Oct-1994 A	01-Mar-1995 A	\$1,602,656	\$1,602,656	100.0	\$1,309,987 \$1,309,987
<p><b>Status:</b> The project was closed March 2015. No maintenance has been needed within the project's 20-year life and no future maintenance will be performed with CWPPRA funds. The end of the project's 20-year CWPPRA life was March 2015. The CWPPRA Task Force on in May 2014, upon the recommendation of project sponsors, approved project close out upon reaching its 20-year life.</p>										
Total Priority List		1	8,204				\$6,639,177	\$5,694,641	85.8	\$5,119,116 \$4,928,549

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

**Priority List 1**

Fourchon Hydrologic Restoration DEAUTHORIZED	TERRE	LAFOU					\$7,703	\$7,703	100.0	\$7,703 \$7,703
<p><b>Status:</b> In a meeting on October 7, 1993, Port Fourchon conveyed to NMFS personnel that any additional work in the project area could be conducted by the Port and they did not wish to see the project pursued because they question its benefits and are concerned that undesired Government / general public involvement would result after implementation.</p> <p>Deauthorized.</p>										

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Lower Bayou LaCache Hydrologic Restoration DEAUTHORIZED	TERRE	TERRE		17-Apr-1993 A			\$99,625	\$99,625	100.0	\$99,625 \$99,625
	<b>Status:</b>	In a public hearing on September 22, 1993, with landowners in the project area, users strenuously objected to the proposed closure of the two east-west connections between Bayou Petit Caillou and Bayou Terrebonne. NMFS received a letter from LA DNR, dated February 6, 1995, recommending deauthorization of the project. NMFS forwarded the letter to COE for Task Force approval.								
		Deauthorized.								
Total Priority List				1			\$107,328	\$107,328	100.0	\$107,328 \$107,328
2 Project(s) 1 Cost Sharing Agreements Executed 0 Construction Started 0 Construction Completed 2 Project(s) Deferred/Deauthorized										
<b>Priority List 1</b>										
GIWW to Clovelly Hydrologic Restoration	BARA	LAFOU	175	17-Apr-1993 A	21-Apr-1997 A	31-Oct-2000 A	\$12,896,358	\$12,783,171	99.1	\$10,599,087 \$10,578,627
	<b>Status:</b>	The project was divided into two contracts in order to expedite implementation. The first contract to install most of the weir structures, began May 1, 1997 and completed November 30, 1997, at a cost of \$646,691. The second contract to install bank protection, one weir and one plug, began January 1, 2000 and completed October 31, 2000, at a cost of \$3,400,000. All project construction is complete. O&M Plan signed September 16, 2002.								
Vegetative Plantings - Dewitt-Rollover Planting Demo DEAUTHORIZED	MERM	VERMI		17-Apr-1993 A	11-Jul-1994 A		\$92,147	\$92,147	100.0	\$92,147 \$92,147
	<b>Status:</b>	Sub-project of the Vegetative Plantings project.  Complete and deauthorized.								

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Vegetative Plantings - Falgout Canal Planting Demo COMPLETE	TERRE	TERRE	0	17-Apr-1993 A	30-Aug-1996 A	30-Dec-1996 A	\$206,523	\$206,523	100.0	\$206,523 \$206,523
	<b>Status:</b>	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 COMPLETE	TERRE	TERRE	0	17-Apr-1993 A	15-Mar-1995 A	30-Jul-1996 A	\$300,492	\$300,492	100.0	\$300,492 \$300,492
	<b>Status:</b>	Sub-project of the Vegetative Plantings project. Complete.								
Vegetative Plantings - West Hackberry Planting Demo COMPLETE	CA/SB	CAMER	0	17-Apr-1993 A	15-Apr-1993 A	30-Mar-1994 A	\$256,251	\$256,251	100.0	\$256,251 \$256,251
	<b>Status:</b>	Sub-project of the Vegetative Plantings project. Complete.								
Total Priority List			1	175			\$13,751,771	\$13,638,584	99.2	\$11,454,500 \$11,434,040

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Total</b>			<b>18,932</b>				<b>\$87,117,796</b>	<b>\$86,060,073</b>	<b>98.8</b>	<b>\$76,431,482</b> <b>\$76,116,246</b>

- 17 Project(s)**
- 16 Cost Sharing Agreements Executed**
- 15 Construction Started**
- 14 Construction Completed**
- 3 Project(s) Deferred/Deauthorized**

## Notes:

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

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

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

**Actual**

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

**Lead Agency: COE, CORPS OF ENGINEERS**

**Priority List 2**

Clear Marais Bank Protection	CA/SB	CALCA	1,067	29-Apr-1996 A	29-Aug-1996 A	03-Mar-1997 A	\$3,267,476	\$3,267,476	100.0	\$2,970,880 \$2,957,106
	<p><b>Status:</b> The original construction estimate was low, based on the proposed plan in that the rock quantity estimate was less than half of the quantity needed (based on the original design), and the estimate did not include a floatation channel needed for construction. This accounts for most of the cost increase shown. The current estimate is based on the original rock dike design and costs about \$89/foot.</p> <p>Complete.</p>									
West Belle Pass Headland Restoration	TERRE	LAFOU	474	27-Dec-1996 A	10-Feb-1998 A	15-Aug-1998 A	\$6,826,754	\$6,826,754	100.0	\$6,654,966 \$6,654,966
	<p><b>Status:</b> Inspection of the TE-23 project was held on April 28, 2016. Attendees included Glen Curole and Benjamin Hartman of CPRA and Susan Hennington and Kaitlyn Carriere of USACE-MVN. Constructed features inspected included the vinyl bulkhead Closure #1, the rock shoreline protection and rock closures #4 &amp; 5 along Bayou Lafourche and Belle Pass. Interior marsh areas were viewed from the project area perimeter; closures #2 &amp; 3 were not included in the 2016 inspection due to their boat inaccessibility. Photographs were taken and copies are available upon request. Project is functioning as designed &amp; meeting project goals. The 2016 OM&amp;M report has recently been completed and will be available for review at the CWPPRA LaCoast.gov website.</p>									

Total Priority List	2		1,541				\$10,094,230	\$10,094,230	100.0	\$9,625,846 \$9,612,072
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- 2 Project(s)
- 2 Cost Sharing Agreements Executed
- 2 Construction Started
- 2 Construction Completed
- 0 Project(s) Deferred/Deauthorized

**Priority List 2**

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Isles Dernieres Restoration Trinity Island	TERRE	TERRE	109	17-Apr-1993 A	27-Jan-1998 A	15-Jun-1999 A	\$10,774,974	\$10,774,974	100.0	\$10,799,102 \$10,799,102
<p><b>Status:</b> 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.</p> <p>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.</p>										
Total Priority List		2	109				\$10,774,974	\$10,774,974	100.0	\$10,799,102 \$10,799,102

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

**Priority List 2**

Bayou Sauvage National Wildlife Refuge Hydro Restoration, Phase 2	PONT	ORL	1,280	30-Jun-1994 A	15-Apr-1996 A	28-May-1997 A	\$1,692,552	\$1,692,552	100.0	\$1,513,635 \$1,453,429
<p><b>Status:</b> 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&amp;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.</p>										

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		2	1,280				\$1,692,552	\$1,692,552	100.0	\$1,513,635 \$1,453,429
<ul style="list-style-type: none"> <li>1 Project(s)</li> <li>1 Cost Sharing Agreements Executed</li> <li>1 Construction Started</li> <li>1 Construction Completed</li> <li>0 Project(s) Deferred/Deauthorized</li> </ul>										
<b>Priority List 2</b>										
Atchafalaya Sediment Delivery	ATCH	STMRY	2,232	01-Aug-1994 A	25-Jan-1998 A	21-Mar-1998 A	\$2,455,669	\$2,455,669	100.0	\$2,152,324 \$2,126,378
	<b>Status:</b> 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	\$7,003,102	\$7,003,102	100.0	\$6,716,661 \$6,716,661
	<b>Status:</b> Project cost increase was approved by the Task Force at the January 16, 1998 meeting.  Construction project complete. First costs accounting underway.									
Point Au Fer Canal Plugs	TERRE	TERRE	375	01-Jan-1994 A	01-Oct-1995 A	08-May-1997 A	\$5,514,145	\$5,514,145	100.0	\$3,257,087 \$3,251,292
	<b>Status:</b> 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.									

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		2	4,167				\$14,972,916	\$14,972,916	100.0	\$12,126,072 \$12,094,331
<ul style="list-style-type: none"> <li>3 Project(s)</li> <li>3 Cost Sharing Agreements Executed</li> <li>3 Construction Started</li> <li>3 Construction Completed</li> <li>0 Project(s) Deferred/Deauthorized</li> </ul>										

**Priority List 2**

Brown Lake Hydrologic Restoration DEAUTHORIZED	CA/SB	CAMER		28-Mar-1994 A			\$1,097,828	\$1,097,828	100.0	\$1,097,828 \$1,097,828
<b>Status:</b> 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 deauthorization in Fall 2009.										
Caernarvon Diversion Outfall Management	BRET	PLAQ	802	13-Oct-1994 A	01-Jun-2001 A	19-Jun-2002 A	\$4,536,000	\$4,536,000	100.0	\$4,049,031 \$4,036,746
<b>Status:</b> This project was proposed for deauthorization in December 1996, but was referred for revisions at the request of the landowners and DNR. The project was modified. The final plan/EA has been prepared. Bids were opened 23 February 2001. The low bid exceeded the funds available. Task Force approved additional funds. Construction complete June 19, 2002.										
East Mud Lake Marsh Management	CA/SB	CAMER	1,520	24-Mar-1994 A	01-Oct-1995 A	15-Jun-1996 A	\$6,036,741	\$6,036,741	100.0	\$4,994,664 \$4,971,987
<b>Status:</b> Bid opening was August 8, 1995 and contract awarded to Crain Bros. Construction started in early October 1995. Water control structures are installed and the vegetation installed in the summer of 1996.  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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Freshwater Bayou Wetland Protection	MERM	VERMI	1,593	17-Aug-1994 A	29-Aug-1994 A	15-Aug-1998 A	\$6,059,651	\$6,047,554	99.8	\$3,563,468 \$3,557,681
	<b>Status:</b>	The project was expedited in order to allow the use of stone removed from the Wax Lake Outlet Weir at a substantial cost savings. Construction is included as an option in the Corps of Engineers contract for the Wax Lake Outlet Weir removal. Option was exercised on September 2, 1994.								
		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	\$2,201,674	\$2,201,674	100.0	\$1,880,974 \$1,869,476
	<b>Status:</b>	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	\$1,586,227	\$1,586,227	100.0	\$1,392,279 \$1,478,983
	<b>Status:</b>	Construction start slipped from November 1997 to July 1999 because of landright issues. All landright agreements signed. Construction complete January 7, 2000.								
		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	\$28,896,380	\$28,896,380	100.0	\$22,778,259 \$22,679,953
	<b>Status:</b>	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	\$897,109	\$897,109	100.0	\$897,109 \$897,109
	<b>Status:</b>	Complete.								

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
	Total Priority List	2	5,993				\$51,311,611	\$51,299,514	100.0	\$40,653,611 \$40,589,762
	8 Project(s)									
	8 Cost Sharing Agreements Executed									
	7 Construction Started									
	7 Construction Completed									
	1 Project(s) Deferred/Deauthorized									
<b>Total</b>			<b>13,090</b>				<b>\$88,846,283</b>	<b>\$88,834,186</b>	<b>100.0</b>	<b>\$74,718,266</b> <b>\$74,548,697</b>
	<b>15 Project(s)</b>									
	<b>15 Cost Sharing Agreements Executed</b>									
	<b>14 Construction Started</b>									
	<b>14 Construction Completed</b>									
	<b>1 Project(s) Deferred/Deauthorized</b>									

Notes:

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

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

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

Lead Agency: COE, CORPS OF ENGINEERS

### Priority List 3

Channel Armor Gap Crevasse	DELTA	PLAQ	936	13-Jan-1997 A	22-Sep-1997 A	02-Nov-1997 A	\$884,270	\$884,270	100.0	\$759,263 \$759,263
<p><b>Status:</b> Cost increase was due to additional project management costs, by both Federal and Local Sponsor.</p> <p>Surveys identified a pipeline in the crevasse area which would be negatively impacted by the project. US Fish &amp; Wildlife Service reviewed their permit for the pipeline and determined that Shell Pipeline was required to lower it at their own cost. USFWS requested a modification to the alignment on USFWS-owned lands.</p> <p>Construction complete.</p>										
MRGO Disposal Area Marsh Protection COMPLETE	PONT	STBER	755	17-Jan-1997 A	25-Jan-1999 A	29-Jan-1999 A	\$318,445	\$318,445	100.0	\$318,445 \$318,445
<p><b>Status:</b> Completed scope of work greatly reduced. Work was to be performed via a simplified acquisition contract as estimated construction cost is under \$100,000. Bids received were higher than Government estimate by 25%. Subsequently received an in-house labor estimate from Vicksburg District. Vicksburg District completed construction on 29 January 1999.</p> <p>Cost increase was due to additional project management costs, environmental investigations and local sponsor activities not included in the baseline estimate. Further title research indicates that private ownership titles are unclear, requiring condemnation. This accounts for the long period between CSA execution and project construction.</p>										
Pass-a-Loutre Crevasse DEAUTHORIZED	DELTA	PLAQ					\$119,835	\$119,835	100.0	\$119,835 \$119,835
<p><b>Status:</b> Two pipelines and two power poles are in the area of the crevasse, increasing relocation costs by approximately \$2.15 million. LA DNR asked that the Corps investigate alternative locations to avoid or minimize impacts to the pipelines, but there are no more suitable locations for the cut. The Corps has also reviewed the design to determine whether relocations cost-savings could be achieved. Reducing the bottom width of the crevasse from 430 feet as originally proposed to 200 feet reduced the relocation cost only marginally.</p> <p>A draft memorandum dated December 5, 1997 was sent to the CWPPRA Technical Committee Chairman requesting the Task Force to deauthorize the project. COE requested deauthorization at the January 16, 1998 Task Force meeting. Task Force formally deauthorized project July 23, 1998.</p>										

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
	Total Priority List	3	1,691				\$1,322,550	\$1,322,550	100.0	\$1,197,543 \$1,197,543

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

**Priority List 3**

Red Mud Demo DEAUTHORIZED	PONT	STJON		03-Nov-1994 A			\$520,129	\$520,129	100.0	\$520,129 \$520,129
	<b>Status:</b>	Facility construction is essentially complete; project was put on hold pending resolution of cell contamination by saltwater before planting occurred and has subsequently been deauthorized. Demonstration cells completed; no vegetation installed.								
		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 COMPLETE	TERRE	TERRE	1,239	06-Apr-1995 A	13-Feb-1998 A	15-Jun-2000 A	\$7,043,188	\$7,043,188	100.0	\$7,043,188 \$7,043,188
	<b>Status:</b>	At the January 16, 1998 meeting, the Task Force approved additional funds to cover the increased construction cost on lowest bid received.								
		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.								

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		3	1,239				\$7,563,317	\$7,563,317	100.0	\$7,563,317 \$7,563,317
<ul style="list-style-type: none"> <li>2 Project(s)</li> <li>2 Cost Sharing Agreements Executed</li> <li>1 Construction Started</li> <li>1 Construction Completed</li> <li>1 Project(s) Deferred/Deauthorized</li> </ul>										

**Priority List 3**

Sabine Refuge Structure Replacement (Hog Island)	CA/SB	CAMER	953	25-Oct-1996 A	01-Nov-1999 A	10-Sep-2003 A	\$6,177,735	\$5,900,565	95.5	\$5,584,842 \$5,564,018
<p><b>Status:</b> Construction began the week of November 1, 1999 and was 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. 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 the Hog Island Gully and West Cove structure sites. All structures, except for one bay of the Hog Island Gully structure, were fully operational until late October 2004. The Monitoring Plan was approved on June 17, 1999. The Service will be responsible for all structure operations and minor maintenance and the State CPRA will be responsible for the larger maintenance items. Hurricane Rita in October 2005 overtopped the structures and damaged the electric motors, guard rails and other equipment. Some FEMA funds were received by the State for limited repair of Hurricane Rita damage. Other funds from the Fish and Wildlife Service were used for structure repair and upgrade. The electrical systems of all structures and the structure gates of the Hog Island and West Cove structures were modified from one to "two-stem" systems to provide for greater stability. The structures are now operating well with only occasional minor operational problems. The project is currently in the operation and maintenance phase; it's 20-year life ends in September 2023.</p>										

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		3	953				\$6,177,735	\$5,900,565	95.5	\$5,584,842 \$5,564,018
1 Project(s)										
1 Cost Sharing Agreements Executed										
1 Construction Started										
1 Construction Completed										
0 Project(s) Deferred/Deauthorized										

**Priority List 3**

Bayou Perot/Bayou Rigolettes Marsh Restoration DEAUTHORIZED	BARA	JEFF		03-Mar-1995 A			\$20,963	\$20,963	100.0	\$20,963 \$20,963
	<b>Status:</b>	A feasibility study conducted by LA DNR indicated that possible wetlands benefits from construction of this project are questionable. LA DNR has indicated a willingness to deauthorize the project. In April 1996, LA DNR had asked to reconsider the project with potential of combining this with two other projects in the watershed. Project deauthorized at January 16, 1998 Task Force meeting.								
		Deauthorized.								
East Timbalier Island Sediment Restoration, Phase 1	TERRE	LAFOU	1,913	01-Feb-1995 A	01-May-1999 A	01-May-2001 A	\$3,621,544	\$3,621,544	100.0	\$3,695,120 \$3,695,120
	<b>Status:</b>	Construction completed in December 1999. Aerial seeding of the dune platform was achieved in spring 2000, and the installation of sand fencing was completed September 30, 2000. Vegetative dune plantings were completed May 1, 2001.								
Lake Chapeau Sediment Input and Hydrologic Restoration	TERRE	TERRE	509	01-Mar-1995 A	14-Sep-1998 A	18-May-1999 A	\$6,847,812	\$6,841,968	99.9	\$5,809,766 \$5,773,501
	<b>Status:</b>	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.								

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Lake Salvador Shore Protection Demo COMPLETE	BARA	STCHA	0	01-Mar-1995 A	02-Jul-1997 A	30-Jun-1998 A	\$2,801,782	\$2,801,782	100.0	\$2,801,782 \$2,801,782
<p><b>Status:</b> Phase 1 was completed September 1997. Phase 2 is shoreline protection between Bayou des Allemands and Lake Salvador. Construction began in April 1998 and completed in June 1998. Final first costs have been finalized.</p> <p>Closed out cooperative agreement between NOAA and LADNR. First costs accounting undersay.</p> <p>Project has served its demonstration purpose and is being removed by DNR with O&amp;M funds, summer of 2002.</p>										
Total Priority List		3	2,422				\$13,292,101	\$13,286,257	100.0	\$12,327,631 \$12,291,366

- 4 Project(s)
- 4 Cost Sharing Agreements Executed
- 3 Construction Started
- 3 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	\$7,593,752	\$7,352,678	96.8	\$6,899,475 \$6,938,394
<p><b>Status:</b> Project delayed because of landowner concerns about permit conditions regarding monitoring, and objection from a pipeline company in the area. In addition, CSA revisions were needed to accommodate the landowner's interest in providing non-Federal funding. Permitting and design conditions have resulted in the CSA being modified to also include Fina Oil Co. and LL&amp;E. Both will help cost share the project. The revised CSA is complete.</p> <p>Construction project is complete. O&amp;M plan signed July 16, 2002.</p>										
Cameron-Creole Maintenance	CA/SB	CAMER	2,602	09-Jan-1997 A	30-Sep-1997 A	30-Sep-1997 A	\$11,895,673	\$5,149,166	43.3	\$2,605,220 \$2,816,688
<p><b>Status:</b> The first three contracts for maintenance work are complete. The project provides for maintenance on an as-needed basis.</p>										

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Cote Blanche Hydrologic Restoration	TECHE	STMRY	2,223	01-Jul-1996 A	25-Mar-1998 A	15-Dec-1998 A	\$10,093,909	\$10,036,640	99.4	\$8,418,282 \$9,306,438
	<b>Status:</b>	Construction start date slipped from November 1997 to March 1998 because of concern about the source of shell to construct the project. Site inspection for bidder was held January 12, 1998. Concern for a source of shell may require budget modifications. Contract awarded February 1998; notice to proceed March 1998. Construction was completed December 1998.								
		O&M plan executed. Maintenance contract complete.								
Southwest Shore White Lake Demo DEAUTHORIZED	MERM	VERMI		11-Jan-1995 A	30-Apr-1996 A		\$103,468	\$103,468	100.0	\$103,468 \$103,468
	<b>Status:</b>	Complete. Project deauthorized.								
Violet Freshwater Distribution DEAUTHORIZED	PONT	STBER		13-Oct-1994 A			\$128,627	\$128,627	100.0	\$128,627 \$128,627
	<b>Status:</b>	Rights-of-way to gain access to the site was a problem due to multiple landowner coordination, and additional questions have arisen about rights to operate existing siphon.								
		Project deauthorized, October 4, 2000.								
West Pointe a la Hache Outfall Management DEAUTHORIZED	BARA	PLAQ		05-Jan-1995 A			\$1,168,631	\$1,168,631	100.0	\$1,168,631 \$1,168,631
	<b>Status:</b>	CPRA has withdrawn support for continuing this project. Project began Deauthorization in Fall 2014 Task Force meeting.								
White Ditch Outfall Management DEAUTHORIZED	BRET	PLAQ		13-Oct-1994 A			\$32,862	\$32,862	100.0	\$32,862 \$32,862
	<b>Status:</b>	LA DNR concurred with NRCS to deauthorize the project. Project deauthorized at the January 16, 1998 Task Force meeting.								
		Deauthorized.								

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
	Total Priority List	3	5,122				\$31,016,922	\$23,972,072	77.3	\$19,356,564 \$20,495,107
	7 Project(s)									
	7 Cost Sharing Agreements Executed									
	4 Construction Started									
	3 Construction Completed									
	4 Project(s) Deferred/Deauthorized									
<b>Total</b>			<b>11,427</b>				<b>\$59,372,625</b>	<b>\$52,044,761</b>	<b>87.7</b>	<b>\$46,029,898</b> <b>\$47,111,352</b>
	<b>17 Project(s)</b>									
	<b>16 Cost Sharing Agreements Executed</b>									
	<b>11 Construction Started</b>									
	<b>10 Construction Completed</b>									
	<b>7 Project(s) Deferred/Deauthorized</b>									

Notes:

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

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

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

**Actual**

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

**Lead Agency: COE, CORPS OF ENGINEERS**

**Priority List 4**

Beneficial Use of Hopper Dredge Material Demo DEAUTHORIZED	DELTA	PLAQ		30-Jun-1997 A			\$58,310	\$58,310	100.0	\$58,310 \$58,310
<p><b>Status:</b> Current scheme was found to be non-implementable due to inability of the hopper dredge to get close enough to the disposal area to spray over the bank of the Mississippi River.</p>										

Project deauthorized October 4, 2000.

Grand Bay Crevasse DEAUTHORIZED	BRET	PLAQ					\$65,747	\$65,747	100.0	\$65,747 \$65,747
<p><b>Status:</b> The major landowner has indicated non-support of the project and has withheld ROE because of concern about sedimentation negatively impacting oil and gas interests within the deposition area.</p>										

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					\$124,057	\$124,057	100.0	\$124,057 \$124,057
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- 2 Project(s)
- 1 Cost Sharing Agreements Executed
- 0 Construction Started
- 0 Construction Completed
- 2 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Compost Demo DEAUTHORIZED	CA/SB	CAMER		22-Jul-1996 A			\$255,391	\$255,391	100.0	\$255,391 \$255,391
<p><b>Status:</b> Plans and specifications have been finalized. All permits and construction approvals have been obtained.</p> <p>The amount of compost vegetation needed has not yet been supplied. A smaller sized demonstration has been designed. Advertisement for construction bids has been made.</p> <p>The Task Force approved deauthorization on January 16, 2002.</p>										
Total Priority List		4					\$255,391	\$255,391	100.0	\$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 4

East Timbalier Island Sediment Restoration, Phase 2	TERRE	LAFOU	215	08-Jun-1995 A	01-May-1999 A	15-Jan-2000 A	\$7,600,150	\$7,600,150	100.0	\$7,548,066 \$7,548,066
<p><b>Status:</b> NOAA and DNR is currently closing out the cooperative agreements for East Tinbalier Island Phase 1 and 2. Considering the damage invoked on the island as a result of Hurricane Lily and Tropical Storm Isadore, future construction will be reassessed pursuant to engineering feasibility and the Phase 2 prioritization process.</p>										
Eden Isles East Marsh Restoration DEAUTHORIZED	PONT	STTAM					\$39,025	\$39,025	100.0	\$39,025 \$39,025
<p><b>Status:</b> NMFS letter of September 8, 1997 requested the CWPPRA Task Force to move forward with deauthorization of this project. Bids were placed twice to acquire the land; both times they were rejected due to higher bids by private developers. Project deauthorized at January 16, 1998 Task Force meeting.</p> <p>Deauthorized.</p>										

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		4	215				\$7,639,176	\$7,639,176	100.0	\$7,587,091 \$7,587,091
2 Project(s)										
1 Cost Sharing Agreements Executed										
1 Construction Started										
1 Construction Completed										
1 Project(s) Deferred/Deauthorized										

**Priority List 4**

Barataria Bay Waterway West Side Shoreline Protection	BARA	JEFF	232	23-Jun-1997 A	01-Jun-2000 A	01-Nov-2000 A	\$3,369,006	\$3,367,515	100.0	\$2,821,826 \$2,892,402
<b>Status:</b> The project is being coordinated with the COE dredging program. Contract advertised December 1999.										
Construction complete. Dedication ceremony held October 20, 2000. O&M plan signed July 15, 2002.										
Bayou Lours Ridge Hydrologic Restoration DEAUTHORIZED	BARA	LAFOU		23-Jun-1997 A			\$371,232	\$371,232	100.0	\$371,232 \$371,232
<b>Status:</b> The initial step of deauthorization was taken at the January Task Force meeting. The process will be finalized at the April Task Force meeting.										
Flotant Marsh Fencing Demo DEAUTHORIZED	TERRE	TERRE		16-Jul-1999 A			\$115,775	\$115,775	100.0	\$115,775 \$115,775
<b>Status:</b> 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	\$2,289,090	\$2,289,090	100.0	\$1,904,689 \$1,884,588
<b>Status:</b> Project complete.										

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Plowed Terraces Demo COMPLETE	CA/SB	CAMER	0	22-Oct-1998 A	30-Apr-1999 A	31-Aug-2000 A	\$324,970	\$324,970	100.0	\$324,970 \$324,970
<p><b>Status:</b> Project initially put on hold pending results of an earlier terraces demonstration project being paid for by the Gulf of Mexico program. The first attempt to plow the terraces in the summer of 1999 was not successful. A second contract was advertised in January 2000 to try again. Construction is complete.</p>										
Total Priority List			4	1,435			\$6,470,074	\$6,468,583	100.0	\$5,538,492 \$5,588,968
<p>5 Project(s)                      5 Cost Sharing Agreements Executed                      3 Construction Started                      3 Construction Completed                      2 Project(s) Deferred/Deauthorized</p>										
<b>Total</b>			<b>1,650</b>				<b>\$14,488,697</b>	<b>\$14,487,206</b>	<b>100.0</b>	<b>\$13,505,031</b> <b>\$13,555,507</b>

- 10 Project(s)**
- 8 Cost Sharing Agreements Executed**
- 4 Construction Started**
- 4 Construction Completed**
- 6 Project(s) Deferred/Deauthorized**

Notes:

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

Actual Obligations/Expenditures

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

Lead Agency: COE, CORPS OF ENGINEERS

Priority List 5

Bayou Chevee Shoreline Protection	PONT	ORL	75	01-Feb-2001 A	25-Aug-2001 A	17-Dec-2001 A	\$2,589,403	\$2,589,403	100.0	\$2,318,441 \$2,317,688
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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				\$2,589,403	\$2,589,403	100.0	\$2,318,441 \$2,317,688
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- 1 Project(s)
- 1 Cost Sharing Agreements Executed
- 1 Construction Started
- 1 Construction Completed
- 0 Project(s) Deferred/Deauthorized

Priority List 5

Bayou Lafourche Siphon DEAUTHORIZED	TERRE	IBERV		19-Feb-1997 A			\$1,500,000	\$1,500,000	100.0	\$1,500,000 \$1,500,000
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Status: Project was deauthorized by the Task Force on October 25, 2007.

Total Priority List	5						\$1,500,000	\$1,500,000	100.0	\$1,500,000 \$1,500,000
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- 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: DEPT. OF THE INTERIOR (FWS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Priority List 5</b>										
Grand Bayou Hydrologic Restoration DEAUTHORIZED	TERRE	LAFOU		28-May-2004 A			\$1,452,357	\$1,452,357	100.0	\$1,452,357 \$1,452,357
	<b>Status:</b>	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-authorization.								
Total Priority List 5							\$1,452,357	\$1,452,357	100.0	\$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

<b>Priority List 5</b>										
Little Vermilion Bay Sediment Trapping	TECHE	VERMI	441	22-May-1997 A	10-May-1999 A	20-Aug-1999 A	\$886,030	\$886,030	100.0	\$751,392 \$751,392
	<b>Status:</b>	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			\$481,803	\$481,803	100.0	\$481,803 \$481,803
	<b>Status:</b>	The 5th Priority List authorized funding in the amount of \$4,500,000 for the FY 96 Phase 1 of this project. Priority List 6 authorized funding in the amount of \$6,000,000 for FY 97. Priority List 8 is authorized to fund the remaining \$5,000,000. Total project cost is estimated to be \$15,525,950.								
		NOAA and LADNR are closing out the cooperative agreement and returning remaining project funds to the CWPPRA program. Project will remain active as authorized.								

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
	Total Priority List	5	441				\$1,367,833	\$1,367,833	100.0	\$1,233,194 \$1,233,194
	2 Project(s)									
	2 Cost Sharing Agreements Executed									
	1 Construction Started									
	1 Construction Completed									
	1 Project(s) Deferred/Deauthorized									
<b>Priority List 5</b>										
Freshwater Bayou Bank Stabilization	MERM	VERMI	511	01-Jul-1997 A	15-Feb-1998 A	15-Jun-1998 A	\$8,913,366	\$5,533,088	62.1	\$2,649,056 \$2,693,002
	<b>Status:</b>	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	\$2,286,064	\$2,255,260	98.7	\$1,994,123 \$1,967,521
	<b>Status:</b>	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	\$1,751,046	\$1,751,046	100.0	\$1,751,046 \$1,751,046
	<b>Status:</b>	Complete.								

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Sweet Lake/Willow Lake Hydrologic Restoration	CA/SB	CAMER	247	23-Jun-1997 A	01-Nov-1999 A	02-Oct-2002 A	\$3,929,152	\$3,929,152	100.0	\$3,460,352 \$3,435,411
	<b>Status:</b>	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				\$16,879,628	\$13,468,546	79.8	\$9,854,577 \$9,846,980
4 Project(s)										
4 Cost Sharing Agreements Executed										
4 Construction Started										
4 Construction Completed										
0 Project(s) Deferred/Deauthorized										
<b>Total</b>			<b>1,907</b>				<b>\$23,789,220</b>	<b>\$20,378,138</b>	<b>85.7</b>	<b>\$16,358,568</b> <b>\$16,350,220</b>
<b>9 Project(s)</b>										
<b>9 Cost Sharing Agreements Executed</b>										
<b>6 Construction Started</b>										
<b>6 Construction Completed</b>										
<b>3 Project(s) Deferred/Deauthorized</b>										

## Notes:

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

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

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

**Lead Agency: EPA, REGION 6**

**Priority List 5.1**

Mississippi River Reintroduction into Bayou Lafourche DEAUTHORIZED	TERRE	IBERV		23-Jul-2003 A			\$7,452,191	\$7,452,191	100.0	\$7,452,191 \$7,452,191
<b>Status:</b>		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					\$7,452,191	\$7,452,191	100.0	\$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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Total</b>							\$7,452,191	\$7,452,191	100.0	\$7,452,191 \$7,452,191

- 1 Project(s)**
- 1 Cost Sharing Agreements Executed**
- 0 Construction Started**
- 0 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 THE ARMY (COE)

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

## Lead Agency: COE, CORPS OF ENGINEERS

## Priority List 6

Flexible Dustpan Demo at Head of Passes Demo COMPLETE	DELTA	PLAQ	0	31-May-2002 A	03-Jun-2002 A	21-Jun-2002 A	\$1,904,646	\$1,904,646	100.0	\$1,890,321 \$1,890,321
<p><b>Status:</b> CSA executed May 31, 2002. Construction completed June 21, 2002.</p> <p>The Dustpan/Cutterhead Marsh Creation Demonstration project as originally approved, no longer involves the use of a cutterhead dredge. At the October 25, 2001 Task Force meeting, it was approved the motion to use the authorized funds for a "flexible dustpan" demonstration project and approved changing the name of the project to "Flexible Dustpan Demo at Head of Passes".</p> <p>The project was completed as an operations and maintenance task order through an ERDC research and development IDC contract. The project identified some minor areas of concern with regard to the dredge plants effectiveness as a maintenance tool. The dredge was effective in its performance for the beneficial placement of material. The final surveys and quantities have not yet been reported.</p>										
Marsh Creation E of the Atchafalaya Rvr-Avoca Island DEAUTHORIZED	TERRE	STMRY					\$66,869	\$66,869	100.0	\$66,869 \$66,869
<p><b>Status:</b> A draft memorandum dated December 5, 1997 was sent to the Technical Committee Chairman requesting the Task Force to deauthorize the project. COE requested deauthorization at the January 16, 1998 Task Force meeting.</p> <p>Project deauthorized July 23, 1998.</p>										
Marsh Island Hydrologic Restoration	TECHE	IBERI	408	01-Feb-2001 A	25-Jul-2001 A	12-Dec-2001 A	\$5,143,323	\$5,143,323	100.0	\$4,441,660 \$4,441,648
<p><b>Status:</b> Approval of model CSA for PPL 5, 6 and 8 projects granted on November 13, 2000. CSA executed on February 1, 2001. Advertised as 100% small business set-aside. Construction began July 2001 and completed December 2001.</p> <p>Revised design of closures from earthen to rock because soil borings indicate highly organic material in borrow area.</p>										

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		6	408				\$7,114,838	\$7,114,838	100.0	\$6,398,849 \$6,398,837
<ul style="list-style-type: none"> <li>3 Project(s)</li> <li>2 Cost Sharing Agreements Executed</li> <li>2 Construction Started</li> <li>2 Construction Completed</li> <li>1 Project(s) Deferred/Deauthorized</li> </ul>										

**Priority List 6**

Bayou Boeuf Pump Station DEAUTHORIZED	TERRE	STMAR					\$3,452	\$3,452	100.0	\$3,452 \$3,452
<p><b>Status:</b> This was a 3-phased project. Priority List 6 authorized funding of \$150,000; Priority List 7 was scheduled to fund \$250,000; and Priority List 8 was scheduled to fund \$100,000. Total project cost was estimated to be \$500,000. By letter dated November 18, 1997, EPA notified the Technical Committee that they and LA DNR agree to deauthorize the project.</p> <p>Deauthorization was approved at the July 23, 1998 Task Force meeting.</p>										

Total Priority List		6					\$3,452	\$3,452	100.0	\$3,452 \$3,452
<ul style="list-style-type: none"> <li>1 Project(s)</li> <li>0 Cost Sharing Agreements Executed</li> <li>0 Construction Started</li> <li>0 Construction Completed</li> <li>1 Project(s) Deferred/Deauthorized</li> </ul>										

**Priority List 6**

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Lake Boudreaux Freshwater Introduction INACTIVE	TERRE	TERRE	266	22-Oct-1998 A	01-Jun-2013 *	01-Oct-2014 *	\$25,766,765	\$20,048,152	77.8	\$3,650,152 \$3,649,461
<p><b>Status:</b> 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).</p>										
Nutria Harvest for Wetland Restoration Demo	COAST	COAST	0	27-Oct-1998 A	20-Sep-1998 A	30-Oct-2003 A	\$806,220	\$806,220	100.0	\$806,220 \$806,220
<p><b>Status:</b>                      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.</p>										
Total Priority List		6	266				\$26,572,985	\$20,854,372	78.5	\$4,456,372 \$4,455,681

- 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 COMMERCE (NMFS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Black Bayou Hydrologic Restoration	CA/SB	CAMER	3,594	28-May-1998 A	01-Jul-2001 A	03-Nov-2003 A	\$12,698,222	\$12,423,864	97.8	\$6,159,071 \$6,023,426
	<b>Status:</b>	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	\$4,728,319	\$4,728,319	100.0	\$3,158,194 \$3,122,835
	<b>Status:</b>	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	\$1,653,792	\$1,653,792	100.0	\$1,383,852 \$1,383,852
	<b>Status:</b>	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.								
Total Priority List		6	7,979				\$19,080,333	\$18,805,975	98.6	\$10,701,117 \$10,530,113

- 3 Project(s)
- 3 Cost Sharing Agreements Executed
- 3 Construction Started
- 3 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	\$5,224,477	\$5,224,477	100.0	\$4,844,969 \$4,786,506
	<b>Status:</b>	This project was combined with the Naomi Outfall Management project for planning and design; construction was separate.								
		Project construction complete.								
		O&M plan signed October 2, 2002.								

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Cheniere au Tigre Sediment Trapping DEMO	TECHE	VERMI	0	20-Jul-1999 A	01-Sep-2001 A	02-Nov-2001 A	\$624,999	\$624,999	100.0	\$596,781 \$596,781
	<b>Status:</b> A request for proposals was advertised in Feb 2000. No valid proposals received. Proceeding with design of a rock structure. Project advertised for bid. Bid came in over estimate. LDNR and NRCS shifted funds from monitoring to construction. Delay in getting new obligation due to internal COE procedures. Government order received July 13, 2001. Construction complete.									
Oaks/Avery Canal Hydrologic Restoration	TECHE	VERMI	160	22-Oct-1998 A	15-Apr-1999 A	11-Oct-2002 A	\$2,925,216	\$2,925,216	100.0	\$2,550,537 \$2,545,940
	<b>Status:</b> 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	\$17,628,814	\$17,628,814	100.0	\$13,123,868 \$13,098,868
	<b>Status:</b> Project construction was completed on August 24, 2011.									
Total Priority List			6	1,052			\$26,403,506	\$26,403,506	100.0	\$21,116,154 \$21,028,095

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Total</b>			<b>9,705</b>				<b>\$79,175,115</b>	<b>\$73,182,144</b>	<b>92.4</b>	<b>\$42,675,945</b> <b>\$42,416,178</b>

- 13 Project(s)**
- 11 Cost Sharing Agreements Executed**
- 10 Construction Started**
- 10 Construction Completed**
- 2 Project(s) Deferred/Deauthorized**

## Notes:

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Lead Agency: NMFS, NATIONAL MARINE FISHERIES SERVICE</b>										
<b>Priority List 7</b>										
Grand Terre Vegetative Plantings	BARA	JEFF	127	23-Dec-1998 A	01-May-2001 A	01-Jul-2001 A	\$346,578	\$346,578	100.0	\$346,578 \$346,578
	<b>Status:</b> 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	\$2,390,984	\$2,390,984	100.0	\$2,333,561 \$2,333,561
	<b>Status:</b> An O&M inspection is planned for May 2011.									
Total Priority List			7	569			\$2,737,562	\$2,737,562	100.0	\$2,680,139 \$2,680,139

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

<b>Priority List 7</b>										
Barataria Basin Landbridge Shoreline Protection, Ph 1 & 2	BARA	JEFF	1,304	16-Jul-1999 A	01-Dec-2000 A	05-Mar-2009 A	\$27,842,861	\$27,842,861	100.0	\$26,530,614 \$26,421,923
	<b>Status:</b>									
Thin Mat Floating Marsh Enhancement Demo COMPLETE	TERRE	TERRE	0	16-Oct-1998 A	15-Jun-1999 A	10-May-2000 A	\$538,101	\$538,101	100.0	\$538,101 \$538,101
	<b>Status:</b> 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
	Total Priority List	7	1,304				\$28,380,962	\$28,380,962	100.0	\$27,068,715 \$26,960,024
	2 Project(s)									
	2 Cost Sharing Agreements Executed									
	2 Construction Started									
	2 Construction Completed									
	0 Project(s) Deferred/Deauthorized									
<b>Total</b>			<b>1,873</b>				<b>\$31,118,524</b>	<b>\$31,118,524</b>	<b>100.0</b>	<b>\$29,748,854</b> <b>\$29,640,163</b>
	<b>4 Project(s)</b>									
	<b>4 Cost Sharing Agreements Executed</b>									
	<b>4 Construction Started</b>									
	<b>4 Construction Completed</b>									
	<b>0 Project(s) Deferred/Deauthorized</b>									

Notes:

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

Actual

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

Lead Agency: COE, CORPS OF ENGINEERS

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	\$3,422,433	\$3,422,433	100.0	\$3,422,433 \$3,422,433
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**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	28-Apr-2010 A	\$14,331,667	\$14,331,668	100.0	\$11,017,525 \$11,016,072
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**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.

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

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

**Actual**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Sabine Refuge Marsh Creation, Cycle 3	CA/SB	CAMER	187	28-Mar-2005 A	25-Oct-2006 A	30-Sep-2010 A	\$3,038,248	\$2,973,179	97.9	\$2,777,129 \$2,777,129
<p><b>Status:</b> 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.</p>										
Total Priority List		8	662				\$20,792,348	\$20,727,280	99.7	\$17,217,087 \$17,215,634

- 3 Project(s)
- 3 Cost Sharing Agreements Executed
- 3 Construction Started
- 3 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 THE INTERIOR (FWS)

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Sabine Refuge Marsh Creation, Cycles 4 & 5	CA/SB	CAMER	331	06-May-2014 A	01-Aug-2014 A	07-Jul-2015 A	\$10,783,079	\$10,217,612	94.8	\$5,909,036 \$5,828,858
	<b>Status:</b>	Cycle 4 was completed on 1/15/2015 with 230 acres of marsh platform being constructed with material pumped from the Calcasieu River Ship Channel through CWPPRA's permanent pipeline. Cycle 5 was completed on 7/7/2015 with approximately 232 acres of marsh platform being constructed with material pumped from the ship channel. This material was also pumped through CWPPRA's permanent pipeline. In addition to Cycles 4 & 5 being constructed, CWPPRA had the opportunity to work with the Port of Lake Charles and the USACE in constructing low level containment dikes to help contain the approximately 1 million Cyds of material the Port paid to be placed in an open water site on Sabin Refuge just south of Cycles 1-5 (Unit 1A-North). This created approximately 240 acres of marsh platform and was completed on 11/21/2014. CWPPRA also funded the Corps to place approximately 1 million Cyds of material to be place and contained with low level earthen dikes in Unit 1A-South. This created approximately 171 acres of marsh platform and nourished the surrounding marsh which was completed on 6/15/2015. The overflow of material from the two areas in Unit 1A is unknown, but it is believed to have created 300-400 acres of mudflats that will hopefully become vegetated in the near future.								
Total Priority List		8	331				\$10,783,079	\$10,217,612	94.8	\$5,909,036 \$5,828,858

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

**Priority List 8**

Bayou Bienvenue Pump Station Diversion DEAUTHORIZED	PONT	STBER		01-Jun-2000 A			\$212,153	\$212,153	100.0	\$212,153 \$212,153
	<b>Status:</b>	Cooperative Agreement awarded in June 1, 2000. Preliminary design analyses indicate that terrace construction significantly more costly than originally estimated due to poor geo-technical condition. The project is estimated to cost between \$17 and \$20 million to build.								

At the January 16, 2002 Task Force meeting, DNR and NOAA/NMFS requested initiation of the deauthorization procedure. Deauthorization was approved by the Task Force at the April 16, 2002 meeting.

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Hopedale Hydro Restoration	PONT	STBER	134	11-Jan-2000 A	10-Jan-2004 A	15-Jan-2005 A	\$2,281,287	\$2,281,287	100.0	\$1,956,368 \$1,952,276
<p><b>Status:</b> Cooperative Agreement was awarded January 11, 2000. Engineering and design is complete, with design surveys, geo-technical investigations and hydrologic modeling complete. Landrights for the major project feature are complete. NEPA compliance and regulatory requirements are complete. A construction contract was awarded in November 2003, and construction was initiated in March 2004. COstruction 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.</p>										

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Total Priority List		8	134				\$2,493,439	\$2,493,439	100.0	\$2,168,521 \$2,164,429
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- 2 Project(s)
- 2 Cost Sharing Agreements Executed
- 1 Construction Started
- 1 Construction Completed
- 1 Project(s) Deferred/Deauthorized

**Priority List 8**

Humble Canal Hydrologic Restoration	MERM	CAMER	378	21-Mar-2000 A	01-Jul-2002 A	01-Mar-2003 A	\$1,574,926	\$1,574,926	100.0	\$1,179,157 \$1,193,481
<p><b>Status:</b> Construction complete March 2003.</p>										
Lake Portage Land Bridge	TECHE	VERMI	24	07-Apr-2000 A	15-Feb-2003 A	15-May-2004 A	\$1,181,129	\$1,181,129	100.0	\$1,115,562 \$1,112,057
<p><b>Status:</b> Project construction was completed on May 15, 2004. Monitoring Plan was finalized on July 19, 2004</p>										

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures											
				CSA	Const Start	Const End	Approved	Funded	%												
Upper Oak River Freshwater Siphon DEAUTHORIZED	BRET	PLAQ					\$56,476	\$56,476	100.0	\$56,476 \$56,476											
<p><b>Status:</b> Total project cost estimate is \$12,994,800; Priority List 8 funded \$2,500,000 for completion of engineering and design and construction of the outflow channel. Funding of the siphon will be requested when engineering and design are completed.</p> <p>Project feasibility being evaluated. DNR has solicited a cost estimate from one of their engineering firms to perform a feasibility study. Target dates will be established if project is deemed feasible.</p> <p>Deauthorization procedures initiated.</p>																					
<hr/>																					
<table border="0" style="width:100%"> <tr> <td style="width:15%">Total Priority List</td> <td style="width:5%">8</td> <td style="width:5%">PLAQ</td> <td style="width:10%">402</td> <td style="width:10%"> </td> <td style="width:10%"> </td> <td style="width:10%"> </td> <td style="width:10%">\$2,812,531</td> <td style="width:10%">\$2,812,531</td> <td style="width:10%">100.0</td> <td style="width:10%">\$2,351,195 \$2,362,013</td> </tr> </table>											Total Priority List	8	PLAQ	402				\$2,812,531	\$2,812,531	100.0	\$2,351,195 \$2,362,013
Total Priority List	8	PLAQ	402				\$2,812,531	\$2,812,531	100.0	\$2,351,195 \$2,362,013											
<ul style="list-style-type: none"> <li>3 Project(s)</li> <li>2 Cost Sharing Agreements Executed</li> <li>2 Construction Started</li> <li>2 Construction Completed</li> <li>1 Project(s) Deferred/Deauthorized</li> </ul>																					
<b>Total</b>			<b>1,529</b>				<b>\$36,881,398</b>	<b>\$36,250,862</b>	<b>98.3</b>	<b>\$27,645,839 \$27,570,935</b>											
<ul style="list-style-type: none"> <li><b>9 Project(s)</b></li> <li><b>8 Cost Sharing Agreements Executed</b></li> <li><b>7 Construction Started</b></li> <li><b>7 Construction Completed</b></li> <li><b>2 Project(s) Deferred/Deauthorized</b></li> </ul>																					

Notes:

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

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Lead Agency: COE, CORPS OF ENGINEERS</b>										
<b>Priority List 9</b>										
Freshwater Bayou Bank Stabilization - Belle Isle Canal to Lock INACTIVE	TECHE	VERMI	241				\$1,101,738	\$1,101,738	100.0	\$1,101,738 \$1,101,738
				<b>Status:</b>	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.					
Opportunistic Use of the Bonnet Carre Spillway DEAUTHORIZED	PONT	STCHA					\$83,932	\$83,932	100.0	\$83,932 \$83,932
				<b>Status:</b>	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					\$83,556	\$83,556	100.0	\$83,556 \$83,556
				<b>Status:</b>	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	278				\$534,057	\$534,057	100.0	\$534,057 \$534,057
				<b>Status:</b>	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.					

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		9	519				\$1,803,283	\$1,803,283	100.0	\$1,803,283 \$1,803,283
<p>4 Project(s)</p> <p>0 Cost Sharing Agreements Executed</p> <p>0 Construction Started</p> <p>0 Construction Completed</p> <p>2 Project(s) Deferred/Deauthorized</p>										
<b>Priority List 9</b>										
LA Highway 1 Marsh Creation DEAUTHORIZED	BARA	LAFOU		05-Oct-2000 A			\$250,257	\$250,257	100.0	\$250,257 \$250,257
	<b>Status:</b>	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	\$10,730,085	\$10,609,976	98.9	\$10,192,472 \$10,192,472
	<b>Status:</b>	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	\$15,279,669	\$15,214,528	99.6	\$15,150,398 \$15,148,591
	<b>Status:</b>	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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		9	375				\$26,260,011	\$26,074,761	99.3	\$25,593,127 \$25,591,320
<ul style="list-style-type: none"> <li>3 Project(s)</li> <li>3 Cost Sharing Agreements Executed</li> <li>2 Construction Started</li> <li>2 Construction Completed</li> <li>1 Project(s) Deferred/Deauthorized</li> </ul>										

**Priority List 9**

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Freshwater Introduction South of Highway 82	MERM	CAMER	296	12-Sep-2000 A	01-Sep-2005 A	13-Dec-2006 A	\$6,342,505	\$5,304,970	83.6	\$5,072,581 \$5,072,179

**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 has 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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<p>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.</p> <p>Phase II Construction Items</p> <p>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.</p> <p>Phase II construction funding approval was received at the October 2004 Task Force meeting.</p> <p>Construction bids were received by June 21, 2005. Construction is anticipated to begin by July 15, 2005.</p>										
Mandalay Bank Protection Demo COMPLETE	TERRE	TERRE	0	06-Dec-2000A	25-Apr-2003 A	01-Sep-2003 A	\$1,732,498	\$1,732,498	100.0	\$1,732,498
	<b>Status:</b>	Construction was completed 9/1/2003.								
Total Priority List			9	296			\$8,075,003	\$7,037,468	87.2	\$6,805,079
<p>2 Project(s)</p> <p>2 Cost Sharing Agreements Executed</p> <p>2 Construction Started</p> <p>2 Construction Completed</p> <p>0 Project(s) Deferred/Deauthorized</p>										

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Castille Pass Channel Sediment Delivery DEAUTHORIZED	ATCH	STMRY		29-Sep-2000 A			\$1,717,883	\$1,717,883	100.0	\$1,717,883 \$1,717,883
<b>Status:</b> 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.										
Chandeleur Islands Marsh Restoration	PONT	STBER	220	10-Sep-2000 A	01-Jun-2001 A	31-Jul-2001 A	\$839,927	\$839,927	100.0	\$839,927 \$839,927
<b>Status:</b> Cooperative Agreement was awarded September 10, 2000. Vegetative planting is scheduled for spring, 2001, and are phased over two years.										
Pilot planting project completed in June, 2000. First phase of vegetative plantings completed July 2001 with installation of approximately 80,000 smooth cordgrass plants along 6.6 miles of overwash fan perimeters. Project area is being evaluated for additional plantings in 2003.										
East Grand Terre Island Restoration TRANSFER	BARA	JEFF	335	21-Sep-2000 A			\$2,211,739	\$2,211,739	100.0	\$2,211,739 \$2,211,739
<b>Status:</b> The project is anticipated to be transferred 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	\$3,792,936	\$2,175,357	57.4	\$2,119,483 \$2,096,281
<b>Status:</b> 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 Prot DEAUTHORIZED	PONT	STCHA		21-Sep-2000 A			\$306,836	\$306,836	100.0	\$306,836 \$306,836
<b>Status:</b> Cooperative Agreement was awarded September 21, 2000. Engineering and design complete. Construction is scheduled for 2002.										
Task Force approved Phase 2 funding at January 10, 2001 meeting. In a letter dated September 7, 2001, NMFS returned Phase 2 funding because of waning landowner support. Deauthorization is not requested at this time.										

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
	Total Priority List	9	722				\$8,869,321	\$7,251,742	81.8	\$7,195,869 \$7,172,666
	5 Project(s)									
	5 Cost Sharing Agreements Executed									
	2 Construction Started									
	2 Construction Completed									
	2 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-Sep-2018	\$46,231,597	\$37,240,699	80.6	\$35,179,961 \$25,239,748
	<b>Status:</b>	Construction Units 7&8 were completed in February 2017, with exception of about 400 feet with poor underlying soils. An additional construction contract will be issued to address this 400-foot section.								
Black Bayou Culverts Hydrologic Restoration	CA/SB	CAMER	540	25-Jul-2000 A	25-May-2005 A	26-Jan-2010 A	\$16,899,059	\$16,178,688	95.7	\$15,580,823 \$14,813,067
	<b>Status:</b>	Project received funding to design the repairs in 2013. Design has been completed and work was advertised for construction in Summer 2014. Construction is anticipated to begin in December 2014 pending contracting decision and award.								
Little Pecan Bayou Hydrologic Restoration DEAUTHORIZED	MERM	CAMER		25-Jul-2000 A			\$1,303,713	\$1,303,713	100.0	\$1,303,713 \$1,303,713
	<b>Status:</b>	Project was deauthorized at Spring 2012 Task Force meeting for the following reasons:								
		<ul style="list-style-type: none"> <li>•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.</li> <li>•Within the current project scope, the CPRA has concerns over public vandalism.</li> </ul>								

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Perry Ridge West Bank Stabilization	CA/SB	CAMER	83	25-Jul-2000A	01-Nov-2001 A	31-Jul-2002 A	\$2,204,709	\$2,160,906	98.0	\$1,770,890 \$1,757,795
	<b>Status:</b> The Perry Ridge project approved on Priority List 4 was the first phase of this project. This is the second and final phase of the project.									
	Task Force approved Phase 2 construction funding January 10, 2001. The rock bank protection is installed. The contract for the terraces and vegetation has been completed.									
South Lake Decade Freshwater Introduction	TERRE	TERRE	202	25-Jul-2000A	24-Jan-2011 A	12-Jul-2011 A	\$4,901,784	\$3,431,160	70.0	\$3,349,965 \$3,340,914
	<b>Status:</b> 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				\$71,540,862	\$60,315,165	84.3	\$57,185,352 \$46,455,237

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Total</b>			<b>3,001</b>				<b>\$116,548,480</b>	<b>\$102,482,420</b>	<b>87.9</b>	<b>\$98,582,710</b> <b>\$87,827,182</b>

- 19 Project(s)**
- 15 Cost Sharing Agreements Executed**
- 10 Construction Started**
- 9 Construction Completed**
- 6 Project(s) Deferred/Deauthorized**

## Notes:

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

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

Actual

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Lead Agency: COE, CORPS OF ENGINEERS</b>										
<b>Priority List 10</b>										
Benneys Bay Diversion DEAUTHORIZED	DELTA	PLAQ					\$978,100	\$978,100	100.0	\$978,100 \$978,100
										<b>Status:</b> 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 TRANSFER	BARA	JEFF	8,891				\$2,543,325	\$2,543,325	100.0	\$2,543,325 \$2,543,325
										<b>Status:</b> The proposed NMFS/UNO fisheries modeling effort, and its relationship to required EIS input, has been discussed by the principal agencies involved with this project. The current view within the management team is that additional fisheries data collection and analysis will be required over and above the proposed modeling. At this time, it has been decided to begin assembling an inter-agency EIS team and allow them to outline major data and analytic requirements for the NEPA document. The required NEPA scoping meetings have been held and the scoping document is being compiled. An initial Value Engineering study is scheduled for the week of July 22, 2002.  WRDA may fund Phase 2.
Delta Building Diversion North of Fort St. Philip DEAUTHORIZED	BRET	PLAQ					\$1,178,640	\$1,178,640	100.0	\$1,178,640 \$1,178,640
										<b>Status:</b> 95% design review anticipated July 25, 2007.

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

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

**Actual**

**Obligations/  
Expenditures**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		10	8,891				\$4,700,066	\$4,700,066	100.0	\$4,700,066 \$4,700,066

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

**Priority List 10**

Hydrologic Restoration & Vegetative Planting in the Lac des Allemands Swamp	BARA	STJAM	0	08-Oct-2001 A	05-Dec-2016*	31-Mar-2018	\$7,886,704	\$5,220,448	66.2	\$4,673,299 \$2,409,224
	<b>Status:</b>	After extensive field work/surveys and modeling efforts in 2014 and 2015, the Project Management Team completed the Engineering & Design Plans. A 30% design meeting was held on July 23, 2015, followed by the 95% design meeting on October 28, 2015. The BA 34-2 project was presented to the Tech Committee at the December 10, 2015 meeting. On January 22, 2016, the CWPPRA Task Force approved by electronic vote the Technical Committee's recommendation to approve the BA 34-2 project for Phase II funding. A new Cooperative Agreement is currently being put into place for Phase II project construction. Construction is estimated to start in December 2016.								
Lake Borgne Shoreline Protection	PONT	STBER	165	02-Oct-2001 A	01-Aug-2007 A	12-Apr-2010 A	\$27,479,959	\$27,224,664	99.1	\$20,439,994 \$20,308,195
	<b>Status:</b>	Construction grant has expired and final Phase 1 activities in the process of being closed-out.								

Total Priority List		10	165				\$35,366,663	\$32,445,112	91.7	\$25,113,293 \$22,717,420
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- 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Priority List 10</b>										
Delta Management at Fort St. Philip	BRET	PLAQ	267	16-May-2001 A	19-Jun-2006 A	14-Dec-2006 A	\$2,739,727	\$2,300,079	84.0	\$1,822,873 \$1,782,171
	<b>Status:</b>	This project was completed in 2006. Monitoring is ongoing and no maintenance has been conducted.								
East Sabine Lake Hydrologic Restoration	CA/SB	CAMER	225	17-Jul-2001 A	01-Dec-2004 A	11-Aug-2009 A	\$6,049,990	\$4,944,870	81.7	\$4,788,928 \$4,715,159
	<b>Status:</b>	A joint FWS- NRCS-DNR cost-share agreement was completed on July 17, 2001. FTN completed hydrodynamic modeling for the proposed water control structures at Right Prong, Greens, Three and Willow Bayous. 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 effect in reducing project area salinities. Therefore Phase 2 of the project that involved structures on the above bayous were removed from the project. The first portion of Construction Unit 1 was completed in October 2006. The following project features were 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 The proposed 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 based on hydrodynamic modeling results. 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. 50,000 linear feet of additional earthen terraces were constructed in January 2008. The Cameron Parish Drainage District No. 7 replaced the Section 16 rock weir in 2015. The project will be in it's current operation and maintenance phase until the end of its 20-year life in 2029.								

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Grand-White Lake Landbridge Restoration	MERM	CAMER	213	24-Jul-2001 A	10-Jul-2003 A	01-Oct-2004 A	\$8,584,334	\$4,814,626	56.1	\$3,895,061 \$3,841,318
	<b>Status:</b>									
	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.									
North Lake Mechant Landbridge Restoration	TERRE	TERRE	604	16-May-2001 A	01-Apr-2003 A	16-Dec-2009 A	\$36,734,873	\$35,197,570	95.8	\$34,347,491 \$34,346,949
	<b>Status:</b> Construction of this project has been completed. This project is now in the Operation and Maintenance Phase.									

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Terrebonne Bay Shore Protection Demo COMPLETE	COAST	TERRE	0	24-Jul-2001 A	25-Aug-2007 A	19-Dec-2007 A	\$2,747,094	\$2,747,094	100.0	\$2,612,393 \$2,607,984
<b>Status:</b> This demonstration project is in its last year. We will start the close out process soon.										
Total Priority List			10	1,309			\$56,856,018	\$50,004,239	87.9	\$47,466,747 \$47,293,581

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

**Priority List 10**

Rockefeller Refuge Gulf Shoreline Stabilization	MERM	CAMER	256	27-Sep-2001 A	01-Apr-2016*	15-Feb-2018	\$34,330,522	\$33,337,316	97.1	\$27,382,231 \$1,795,053
<b>Status:</b> 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	256			\$34,330,522	\$33,337,316	97.1	\$27,382,231 \$1,795,053

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

**Priority List 10**

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
GIWW Bank Restoration of Critical Areas in Terrebonne	TERRE	TERRE	64	16-May-2001 A	02-May-2013 A	01-Feb-2014 *	\$13,022,246	\$11,258,135	86.5	\$9,365,182 \$9,353,959
	<b>Status:</b>	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.								
Total Priority List			10	64			\$13,022,246	\$11,258,135	86.5	\$9,365,182 \$9,353,959

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

<b>Total</b>			<b>10,685</b>				<b>\$144,275,514</b>	<b>\$131,744,867</b>	<b>91.3</b>	<b>\$114,027,519</b> <b>\$85,860,078</b>
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- 12 Project(s)**
- 9 Cost Sharing Agreements Executed**
- 7 Construction Started**
- 6 Construction Completed**
- 2 Project(s) Deferred/Deauthorized**

## Notes:

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Lead Agency: EPA, FISH &amp; WILDLIFE SERVICE</b>										
<b>Priority List 11</b>										
River Reintroduction into Maurepas Swamp TRANSFER	PONT	STJON	5,438	04-Apr-2002 A			\$6,554,124	\$6,554,124	100.0	\$6,554,124 \$6,554,124
	<b>Status:</b>	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	195	17-Mar-2003 A			\$2,298,822	\$2,298,822	100.0	\$2,298,822 \$2,298,822
	<b>Status:</b>	Phase 2 funding was requested, but not recommended, at the December 2012 Technical Committee Meeting. Sponsors will determine whether future Phase 2 requests will be made.								
<hr/>										
Total Priority List		11	5,633				\$8,852,946	\$8,852,946	100.0	\$8,852,946 \$8,852,946

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

**Priority List 11**

Dedicated Dredging on the Barataria Basin Landbridge	BARA	JEFF	605	03-Apr-2002 A	11-Sep-2008 A	15-Apr-2010 A	\$16,286,153	\$15,886,313	97.5	\$15,772,316 \$15,734,571
	<b>Status:</b>	This project was completed in 2010. Monitoring activities are ongoing.								

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
South Grand Chenier Hydrologic Restoration	MERM	CAMER	414	03-Apr-2002 A	01-Jun-2015 A	01-Jun-2019	\$22,623,346	\$22,282,940	98.5	\$20,925,420 \$2,203,346
	<b>Status:</b> 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. A project scope change to remove the freshwater introduction feature and change the name to "South Grand Chenier Marsh Creation", was approved in December 2012. Landrights were finalized in 2012 and construction approval was again received in January 2014. Revised Plans and specifications were completed in April 2015. Permit modifications were received in June 2015. The revised construction date is October-November 2016.									
West Lake Boudreaux Shoreline Protection & Marsh Creation	TERRE	TERRE	277	03-Apr-2002 A	24-Jul-2007 A	04-Apr-2011 A	\$19,449,961	\$17,708,668	91.0	\$15,996,870 \$15,995,160
	<b>Status:</b> Annual inspection was completed on this project on 4/2016. All project features seem to be in good working condition with the exception of some damage to several signs.									
Total Priority List		11	1,296				\$58,359,460	\$55,877,921	95.7	\$52,694,607 \$33,933,078

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Little Lake Shoreline Protection/Dedicated Dredging near Round Lake	BARA	LAFOU	713	06-Aug-2002 A	04-Aug-2005 A	30-Mar-2007 A	\$29,516,673	\$23,260,839	78.8	\$21,928,876 \$21,881,406
	<b>Status:</b>	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) had 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	\$40,710,723	\$40,128,726	98.6	\$37,607,177 \$37,571,388
	<b>Status:</b>	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.								
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	\$71,170,649	\$70,306,991	98.8	\$69,379,776 \$69,271,727
	<b>Status:</b>	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				\$141,398,046	\$133,696,557	94.6	\$128,915,829 \$128,724,521

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Barataria Basin Landbridge Shoreline Protection, Ph 4	BARA	JEFF	256	09-May-2002 A	27-Apr-2005 A	26-Apr-2006 A	\$17,709,217	\$13,186,411	74.5	\$7,034,240 \$6,580,050
	<b>Status:</b>	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	\$68,040,614	\$39,075,082	57.4	\$24,948,901 \$27,023,450
	<b>Status:</b>	In the Year 12 (2013-2014) Trapping Season, 388,464 nutria tails were collected. Over the life of the project, an average of 336,677 nutria tails have been collected per year. Over that same period, the estimate of coastwide nutria damage has been reduced from 82,080 acres to 4,181 acres.								
Grand Lake Shoreline Protection	MERM	CAMER	45	20-Sep-2011 A	01-Dec-2016 *	07-Jul-2017 A	\$10,055,616	\$7,075,050	70.4	\$6,776,195 \$4,618,303
	<b>Status:</b>	Construction completed 7/7/2017.								
Raccoon Island Shoreline Protection/Marsh Creation	TERRE	TERRE	71	23-Apr-2002 A	13-Dec-2005 A	01-Mar-2013 *	\$23,163,392	\$22,497,353	97.1	\$18,517,022 \$18,022,362
	<b>Status:</b>	Phase A construction began on 12/12/2005 Phase A construction ended on 9/16/2007  Phase B construction began on 9/27/2012 Phase B construction ended on 4/23/2103								
Total Priority List			11				\$118,968,839	\$81,833,896	68.8	\$57,276,358 \$56,244,165

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual
				CSA	Const Start	Const End	Approved	Funded	%	Obligations/ Expenditures
<b>Total</b>			<b>23,574</b>				<b>\$327,579,291</b>	<b>\$280,261,320</b>	<b>85.6</b>	<b>\$247,739,741</b> <b>\$227,754,710</b>

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

Notes:

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Lead Agency: NRCS, NATURAL RESOURCES CONSERVATION SERVICE</b>										
<b>Priority List 11.1</b>										
Holly Beach Sand Management	CA/SB	CALCA	330	09-May-2002 A	01-Aug-2002 A	31-Mar-2003 A	\$14,130,233	\$14,130,233	100.0	\$13,994,787 \$13,998,261
	<b>Status:</b>	The placement of the sand material on to the beach was completed on Saturday, March 1, 2003. Required work that is now in progress consist of demobilization of the pipeline segments, dressing the completed beach work,erection of the Sand Fencing and installation of the vegetation.								
<hr/>										
	Total Priority List	11.1	330				\$14,130,233	\$14,130,233	100.0	\$13,994,787 \$13,998,261

- 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 AGRICULTURE (NRCS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Total</b>			<b>330</b>				<b>\$14,130,233</b>	<b>\$14,130,233</b>	<b>100.0</b>	<b>\$13,994,787</b> <b>\$13,998,261</b>

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

Notes:

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

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Lead Agency: COE, CORPS OF ENGINEERS</b>										
<b>Priority List 12</b>										
Avoca Island Diversion DEAUTHORIZED	TERRE	STMRY					\$1,736,137	\$1,736,137	100.0	\$1,736,137 \$1,736,137
	<b>Status:</b>	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					\$1,089,193	\$1,089,193	100.0	\$1,089,193 \$1,089,193
	<b>Status:</b>	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					\$354,791	\$354,791	100.0	\$354,791 \$354,791
	<b>Status:</b>	This complex project was approved for Phase I design activities in August 2002. A kickoff meeting was held in September 2002. The project work plan is under development pending a 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	\$14,466,981	\$10,563,558	73.0	\$10,476,989 \$10,475,399
	<b>Status:</b>	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.								

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

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

**Actual**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		12	844				\$17,647,101	\$13,743,678	77.9	\$13,657,109 \$13,655,519
4 Project(s) 1 Cost Sharing Agreements Executed 1 Construction Started 1 Construction Completed 3 Project(s) Deferred/Deauthorized										

**Priority List 12**

Bayou Dupont Sediment Delivery System	BARA	PLAQ	326	21-Mar-2004 A	04-Feb-2009 A	03-Jun-2010 A	\$27,702,941	\$27,178,387	98.1	\$23,201,221 \$23,190,448
<b>Status:</b>		Additional post-primary construction activities will not be pursued. Sponsors will be proceeding with construction grant close-out activities.								

Total Priority List		12	326				\$27,702,941	\$27,178,387	98.1	\$23,201,221 \$23,190,448
1 Project(s) 1 Cost Sharing Agreements Executed 1 Construction Started 1 Construction Completed 0 Project(s) Deferred/Deauthorized										

**Priority List 12**

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Freshwater Floating Marsh Creation Demo COMPLETE	COAST	COAST	0	12-Jun-2003 A	01-Jul-2004 A	01-Jun-2006 A	\$1,068,602	\$1,068,602	100.0	\$1,068,602 \$1,068,602
<p><b>Status:</b> 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.</p> <p>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.</p>										
Total Priority List		12	0				\$1,068,602	\$1,068,602	100.0	\$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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual
				CSA	Const Start	Const End	Approved	Funded	%	Obligations/ Expenditures
<b>Total</b>			<b>1,170</b>				<b>\$46,418,643</b>	<b>\$41,990,666</b>	<b>90.5</b>	<b>\$37,926,932</b> <b>\$37,914,569</b>

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

## Notes:

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

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

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

Actual

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Lead Agency: COE, CORPS OF ENGINEERS</b>										
<b>Priority List 13</b>										
Shoreline Protection Foundation Improvements Demo COMPLETE	COAST	COAST	0	24-Mar-2005 A	01-Nov-2005 A	29-Aug-2006 A	\$707,839	\$707,839	100.0	\$707,839 \$707,839
	<b>Status:</b>	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					\$310,152	\$310,152	100.0	\$310,152 \$310,152
	<b>Status:</b>	The MR-14 Spanish Pass Diversion project was deauthorized per CWPPRA Task Force decision on 4 June 2013.								
<hr/>										
	Total Priority List	13	0				\$1,017,991	\$1,017,991	100.0	\$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 13**

Whiskey Island Back Barrier Marsh Creation	TERRE	TERRE	272	29-Sep-2004 A	11-Feb-2009 A	18-Jun-2010 A	\$30,414,086	\$30,164,311	99.2	\$25,835,531 \$25,826,992
	<b>Status:</b>	After further assessment of project vegetation, sponsors intend to pursue an additional vegetation planting event.								

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
	Total Priority List	13	272				\$30,414,086	\$30,164,311	99.2	\$25,835,531 \$25,826,992
	1 Project(s)									
	1 Cost Sharing Agreements Executed									
	1 Construction Started									
	1 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	\$14,558,123	\$14,410,203	99.0	\$14,024,196 \$13,999,875
	<b>Status:</b>	This project was completed in 2009 and is in the monitoring and O&M phase.								

	Total Priority List	13	436				\$14,558,123	\$14,410,203	99.0	\$14,024,196 \$13,999,875
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- 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			\$1,855,824	\$1,855,824	100.0	\$1,855,824 \$1,855,824
	<b>Status:</b>	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 *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		13					\$1,855,824	\$1,855,824	100.0	\$1,855,824 \$1,855,824
1 Project(s) 1 Cost Sharing Agreements Executed 0 Construction Started 0 Construction Completed 1 Project(s) Deferred/Deauthorized										
<b>Total</b>			<b>708</b>				<b>\$47,846,025</b>	<b>\$47,448,330</b>	<b>99.2</b>	<b>\$42,733,542</b> <b>\$42,700,682</b>
<b>5 Project(s)</b> <b>4 Cost Sharing Agreements Executed</b> <b>3 Construction Started</b> <b>3 Construction Completed</b> <b>2 Project(s) Deferred/Deauthorized</b>										

Notes:

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Lead Agency: NMFS, NATIONAL MARINE FISHERIES SERVICE</b>										
<b>Priority List 14</b>										
Riverine Sand Mining/Scofield Island Restoration DEAUTHORIZED	BARA	PLAQ		04-Oct-2005 A			\$2,935,025	\$2,935,025	100.0	\$2,935,025 \$2,935,025
	<b>Status:</b>	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.								
<hr/>										
Total Priority List		14					\$2,935,025	\$2,935,025	100.0	\$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

<b>Priority List 14</b>										
East Marsh Island Marsh Creation	TECHE	IBERI	169	04-Oct-2006 A	15-Feb-2010 A	22-Jul-2011 A	\$17,765,813	\$17,291,809	97.3	\$15,522,582 \$17,005,388
	<b>Status:</b>	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	\$19,853,124	91.7	\$16,995,198 \$16,959,900
	<b>Status:</b>	Project was completed on June 6, 2012.								
White Ditch Resurrection and Outfall Management DEAUTHORIZED	BRET	PLAQ		11-Aug-2005 A			\$1,020,420	\$1,020,420	100.0	\$1,020,420 \$1,020,420
	<b>Status:</b>	Project team has agreed to move to deauthorization due to issues regarding location & operation of siphon.								

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
	Total Priority List	14	275				\$40,425,806	\$38,165,352	94.4	\$33,538,199 \$34,985,708
	3 Project(s)									
	3 Cost Sharing Agreements Executed									
	2 Construction Started									
	2 Construction Completed									
	1 Project(s) Deferred/Deauthorized									
<b>Total</b>			<b>275</b>				<b>\$43,360,831</b>	<b>\$41,100,377</b>	<b>94.8</b>	<b>\$36,473,224</b> <b>\$37,920,733</b>
	<b>4 Project(s)</b>									
	<b>4 Cost Sharing Agreements Executed</b>									
	<b>2 Construction Started</b>									
	<b>2 Construction Completed</b>									
	<b>2 Project(s) Deferred/Deauthorized</b>									

Notes:

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Lead Agency: EPA, FISH &amp; WILDLIFE SERVICE</b>										
<b>Priority List 15</b>										
Bayou Lamoque Freshwater Diversion TRANSFER	BRET	PLAQ	620				\$9,510	\$9,510	100.0	\$9,510 \$9,510
	<b>Status:</b>	CORRECTION: The project was TRANSFERRED to the state by the CWPPRA Task Force on October 25, 2007.								
Venice Ponds Marsh Creation and Crevasses INACTIVE	DELTA	PLAQ	318	19-Jun-2009 A			\$611,222	\$611,222	100.0	\$611,222 \$611,222
	<b>Status:</b>	Phase 2 funding was requested, 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	938				\$620,732	\$620,732	100.0	\$620,732 \$620,732

- 2 Project(s)
- 1 Cost Sharing Agreements Executed
- 0 Construction Started
- 0 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	19-May-2015 A	\$24,092,500	\$23,640,564	98.1	\$23,424,166 \$23,403,609
	<b>Status:</b>	This project was completed in 2015 and monitoring activities are ongoing.								

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		15	447				\$24,092,500	\$23,640,564	98.1	\$23,424,166 \$23,403,609
1 Project(s) 1 Cost Sharing Agreements Executed 1 Construction Started 1 Construction Completed 0 Project(s) Deferred/Deauthorized										

**Priority List 15**

South Pecan Island Freshwater Introduction DEAUTHORIZED	MERM	VERMI		21-Sep-2006 A			\$779,422	\$779,422	100.0	\$779,422 \$779,422
<b>Status:</b> 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					\$779,422	\$779,422	100.0	\$779,422 \$779,422
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: DEPT. OF COMMERCE (NMFS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Total</b>			<b>1,385</b>				<b>\$25,492,653</b>	<b>\$25,040,717</b>	<b>98.2</b>	<b>\$24,824,319</b> <b>\$24,803,762</b>

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

Notes:

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2. Date codes: A = Actual date \* = Behind schedule
3. Percent codes: != 125% of baseline estimate exceeded

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

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

**Actual**

**Obligations/  
Expenditures**

\*\*\*\*\* SCHEDULES \*\*\*\*\*

\*\*\*\*\* ESTIMATES \*\*\*\*\*

PROJECT	BASIN	PARISH	ACRES	CSA	Const Start	Const End	Approved	Funded	%	Obligations/ Expenditures
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**Lead Agency: COE, CORPS OF ENGINEERS**

**Priority List 16**

Southwest LA Gulf Shoreline Nourish &Protect TRANSFER	MERM	CAMER	888		30-Jun-2017*	10-Jul-2018	\$10,657	\$10,657	100.0	\$10,657 \$10,657
<p><b>Status:</b> 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.</p>										

Total Priority List	16		888				\$10,657	\$10,657	100.0	\$10,657 \$10,657
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- 1 Project(s)
- 0 Cost Sharing Agreements Executed
- 0 Construction Started
- 0 Construction Completed
- 0 Project(s) Deferred/Deauthorized

**Priority List 16**

Enhancement of Barrier Island Vegetation Demo	COAST	COAST	0	27-Jul-2007 A	14-Jun-2010 A	31-Dec-2010 A	\$591,998	\$591,998	100.0	\$591,998 \$591,998
<p><b>Status:</b> A draft final report was received and reviewed, with minimal comments. Subsequently, a final report was completed.</p>										

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		16	0				\$591,998	\$591,998	100.0	\$591,998 \$591,998
<ul style="list-style-type: none"> <li>1 Project(s)</li> <li>1 Cost Sharing Agreements Executed</li> <li>1 Construction Started</li> <li>1 Construction Completed</li> <li>0 Project(s) Deferred/Deauthorized</li> </ul>										

**Priority List 16**

Madison Bay Marsh Creation and Terracing INACTIVE	TERRE	TERRE	334	31-May-2007 A	01-Dec-2015 *	01-Jul-2017 *	\$1,731,039	\$1,731,039	100.0	\$1,731,039 \$1,731,039
<b>Status:</b> 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	\$41,998,364	99.4	\$25,774,206 \$25,724,631
<b>Status:</b> Readjusted description and changed construction completion date based on plantings date to fit with O&M plan.										

Total Priority List		16	639				\$43,981,456	\$43,729,403	99.4	\$27,505,245 \$27,455,670
<ul style="list-style-type: none"> <li>2 Project(s)</li> <li>2 Cost Sharing Agreements Executed</li> <li>1 Construction Started</li> <li>1 Construction Completed</li> <li>0 Project(s) Deferred/Deauthorized</li> </ul>										

**Priority List 16**

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Alligator Bend Marsh Restoration and Shoreline Protection (Inactive)	PONT	ORL	181	11-Jun-2008 A			\$1,364,230	\$1,364,230	100.0	\$1,364,230
	<b>Status:</b>	Project has been placed on Inactive list until CWPPRA is reauthorized, receives further funding, or another program is found that can provided construction funding.								
Total Priority List			16	181			\$1,364,230	\$1,364,230	100.0	\$1,364,230

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

<b>Total</b>			<b>1,708</b>				<b>\$45,948,342</b>	<b>\$45,696,289</b>	<b>99.5</b>	<b>\$29,472,130</b> <b>\$29,422,555</b>
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- 5 Project(s)**
- 4 Cost Sharing Agreements Executed**
- 2 Construction Started**
- 2 Construction Completed**
- 0 Project(s) Deferred/Deauthorized**

Notes:

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Lead Agency: EPA, FISH &amp; WILDLIFE SERVICE</b>										
<b>Priority List 17</b>										
Bohemia Mississippi River Reintroduction DEAUTHORIZED	BRET	PLAQ		16-Jul-2008 A			\$502,592	\$502,592	100.0	\$502,592 \$502,592
	<b>Status:</b>	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							\$502,592	\$502,592	100.0	\$502,592 \$502,592

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

<b>Priority List 17</b>										
South Lake Lery Shoreline and Marsh Restoration	BRET	MULTI	409	19-Feb-2008 A	01-Apr-2014 *	01-Jun-2018	\$32,663,173	\$32,295,816	98.9	\$31,497,449 \$22,791,333
	<b>Status:</b>	Currently this project is under construction with most of the lake shoreline restoration nearly completed on the southern shoreline. The western shoreline restoration feature is currently underway. There is one marsh creation cell that is nearly completed. A larger dredge will be arriving soon and marsh creation will accelerate.								

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		17	409				\$32,663,173	\$32,295,816	98.9	\$31,497,449 \$22,791,333
1 Project(s) 1 Cost Sharing Agreements Executed 0 Construction Started 0 Construction Completed 0 Project(s) Deferred/Deauthorized										

**Priority List 17**

Bayou Dupont Ridge Creation & Marsh Restoration	BARA	JEFF	186	17-Jul-2008 A	21-Apr-2014 *	30-Sep-2015 *	\$38,985,192	\$38,222,873	98.0	\$36,675,330 \$35,486,104
<b>Status:</b>		Major construction activities are complete. The marsh platform and ridge have been constructed and the containment dikes have been gapped. Ridge plantings are currently being planned.								
Bio-Engineered Oyster Reef DEMO	MERM	MULTI	0		02-Aug-2011 A	17-Feb-2012 A	\$2,244,785	\$2,244,785	100.0	\$2,072,759 \$2,061,275
<b>Status:</b>		Oyster and elevation surveys are complete and a final report are in process.								

Total Priority List		17	186				\$41,229,977	\$40,467,658	98.2	\$38,748,089 \$37,547,379
2 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: DEPT. OF AGRICULTURE (NRCS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Sediment Containment System for Marsh Creation Demo	COAST	COAST	0	28-Jan-2008 A	08-Jan-2013 A	11-Sep-2013 A	\$970,726	\$970,726	100.0	\$883,702 \$883,702
	<b>Status:</b>	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 DEAUTHORIZED	BARA	PLAQ		24-Jan-2008 A			\$1,620,740	\$1,620,740	100.0	\$617,876 \$617,876
	<b>Status:</b>	The Lake Hermitage Marsh Creation Project(BA-42)received supplemental funding and was able to expand their project area into the BA-47 footprint and cover most of what was intended to be built under this project. Therefore, the BA-47 will move to deauthorization and all remaining funds from Phase I will be returned to the CWPPRA program.								
Total Priority List		17	0				\$2,591,466	\$2,591,466	100.0	\$1,501,577 \$1,501,577

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Total</b>			<b>595</b>				<b>\$76,987,208</b>	<b>\$75,857,532</b>	<b>98.5</b>	<b>\$72,249,708</b> <b>\$62,342,882</b>

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

## Notes:

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

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

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

**Lead Agency: EPA, NATIONAL MARINE FISHERIES SERVICE**

**Priority List 18**

Bertrandville Siphon DEAUTHORIZED	BRET	PLAQ		15-Jun-2011 A			\$521,984	\$521,984	100.0	\$521,984 \$521,984
<b>Status:</b> Project delays due to considerations of State Master Plan consistency and pursuit of landowner support.										
Total Priority List		18					\$521,984	\$521,984	100.0	\$521,984 \$521,984

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

**Priority List 18**

Grand Liard Marsh and Ridge Restoration	BARA	PLAQ	370		01-Jul-2014 A	01-Oct-2015 A	\$42,579,616	\$42,138,670	99.0	\$38,383,585 \$32,140,147
<b>Status:</b>										
Total Priority List		18	370				\$42,579,616	\$42,138,670	99.0	\$38,383,585 \$32,140,147

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Priority List 18</b>										
Cameron-Creole Freshwater Introduction	CA/SB	CAMER	242	04-May-2009 A	04-Apr-2012 A	01-Jul-2016*	\$2,761,501	\$2,604,603	94.3	\$1,944,220 \$1,876,073
	<b>Status:</b>	Milestones shown above are for the vegetative component of the project only. Federal Sponsor does not have access to change the information relative to the structural components. Scheduled Dates: Phase II approval January 2018; Contracting April 2018; Construction Start September 2018								
Central Terrebonne Freshwater Enhancement TRANSFER	TERRE	TERRE	233	04-May-2009 A	01-Sep-2017*	01-Jul-2018	\$2,326,289	\$2,326,289	100.0	\$1,315,593 \$1,315,593
	<b>Status:</b>	Project features are being incorporated into the Restore Act Project: Bayou Dularge Ridge, Marsh, and Hydrologic Restoration.								

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Non-Rock Alternatives to Shoreline Protection Demo	COAST	COAST	0	04-May-2009 A	27-May-2013 *	24-Apr-2017 *	\$6,472,800	\$6,472,800	100.0	\$5,968,963 \$4,380,291
<p><b>Status:</b> Projected Timelines</p> <p>Project was advertised on Nov. 15, 2011</p> <p>Site Visits Nov. 16 &amp; 17, 2011</p> <p>Proposals Due on RFP Mar. 15, 2012)</p> <p>&lt; Phase I &gt;</p> <p>Review of Proposals May 14, 2012)</p> <p>Interview Process June 28, 2012)</p> <p>&lt; Phase 2 &gt;</p> <p>Notice of Selection (for Phase 2 design) (July 13, 2012)</p> <p>Draft Design Schedule from NRCS (Aug. 3, 2012)</p> <p>Phase 2 Contract Award (Aug. 13, 2012)</p> <p>Final Design Schedule from NRCS (Aug. 17, 2012)</p> <p>Begin Surveys and Prepare P&amp;S for advertisement (Sep. 19, 2012)</p> <p>Final Product Selection and Develop Phase III Budget (Nov. 26, 2012)</p> <p>Submit Budget Increase Request to Technical Committee (TC) (Nov. 27, 2012)</p> <p>Request Task Force Approval and Budget January 17, 2013</p> <p>&lt; Phase 3 &gt;</p> <p>Notice of Selection (for Phase III) (Jan. 25, 2013)</p> <p>Advertise NRCS Dredging Contract (Mar. 18, 2013)</p> <p>Finalize NRCS Plans &amp; Specifications (May 25, 2013)</p> <p>Phase 3 Contract Award (May 27, 2013)</p>										



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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Total</b>			<b>845</b>				<b>\$54,662,190</b>	<b>\$54,064,346</b>	<b>98.9</b>	<b>\$48,134,345</b> <b>\$40,234,088</b>

- 5 Project(s)**
- 4 Cost Sharing Agreements Executed**
- 2 Construction Started**
- 1 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 THE INTERIOR (FWS)**

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

**Lead Agency: FWS, FISH & WILDLIFE SERVICE**

**Priority List 19**

Lost Lake Marsh Creation and Hydrologic Restoration	TERRE	TERRE	452	22-Apr-2010A	25-Jan-2017A	26-Aug-2018	\$35,125,857	\$31,531,382	89.8	\$1,364,844 \$1,291,852
	<b>Status:</b> This project is currently under construction. Containment dikes are under construction and dredging is expected to begin in August 2017. The water control structure replacement is also underway.									
Total Priority List		19	452				\$35,125,857	\$31,531,382	89.8	\$1,364,844 \$1,291,852

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

**Priority List 19**

Chenier Ronquille Barrier Island Restoration DEAUTHORIZED	BARA	PLAQ		18-Aug-2010A			\$1,042,540	\$1,042,540	100.0	\$1,042,540 \$1,042,540
	<b>Status:</b> Project was deauthorized as a CWPPRA project as it was successfully included as a Phase III Early Restoration Project for the Deepwater Horizon Oil Spill.									

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		19					\$1,042,540	\$1,042,540	100.0	\$1,042,540 \$1,042,540
<ul style="list-style-type: none"> <li>1 Project(s)</li> <li>1 Cost Sharing Agreements Executed</li> <li>0 Construction Started</li> <li>0 Construction Completed</li> <li>1 Project(s) Deferred/Deauthorized</li> </ul>										

**Priority List 19**

Freshwater Bayou Marsh Creation	MERM	VERMI	279	01-Apr-2010A	01-Jul-2018	01-Aug-2019	\$2,425,997	\$2,425,997	100.0	\$2,154,905 \$1,488,772
<p><b>Status:</b> Milestones shown above are not correct. Federal Sponsor does not have access to change the information.</p> <p>Scheduled Dates:            30% Review      May 2016            95% Review     August 2016            Contracting     April 2017            Construction Start    September 2017</p>										
LaBranche East Marsh Creation	PONT	STCHA	715	01-Apr-2010A	01-Sep-2018	01-Sep-2019	\$2,571,273	\$2,571,273	100.0	\$2,288,068 \$2,239,885
<p><b>Status:</b> Revised Scheduled Dates: 30% Review Nov 2017; 95% Review April 2018; Contracting April 2019; Construction Start September 2019</p>										

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
	Total Priority List	19	994				\$4,997,270	\$4,997,270	100.0	\$4,442,973 \$3,728,657
	2 Project(s)									
	2 Cost Sharing Agreements Executed									
	0 Construction Started									
	0 Construction Completed									
	0 Project(s) Deferred/Deauthorized									
<b>Total</b>			<b>1,446</b>				<b>\$41,165,667</b>	<b>\$37,571,192</b>	<b>91.3</b>	<b>\$6,850,358</b> <b>\$6,063,049</b>
	<b>4 Project(s)</b>									
	<b>4 Cost Sharing Agreements Executed</b>									
	<b>1 Construction Started</b>									
	<b>0 Construction Completed</b>									
	<b>1 Project(s) Deferred/Deauthorized</b>									

Notes:

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Lead Agency: FWS, FISH &amp; WILDLIFE SERVICE</b>										
<b>Priority List 20</b>										
Bayou Bonfouca Marsh Creation	PONT	STTAM	478	14-Mar-2011 A	05-Sep-2016 A	20-Jan-2018	\$28,253,969	\$27,648,895	97.9	\$1,666,350 \$1,560,632
	<b>Status:</b> The construction of the earthen containment dikes have been completed including the containment dikes built for the marsh ponds. Dewatering structures have also been installed along the exterior containment dikes and the marsh pond containment dikes. Concrete articulating mats have been installed across the lakeside containment dike along marsh creation site 1. Settlement plates have also been installed within the marsh creation sites. A 30'' hydraulic dredge is scheduled to be on site in the first week of March, at which time dredging should begin.									
Cameron-Creole Watershed Grand Bayou Marsh Creation	CA/SB	CAMER	476	24-Oct-2011 A			\$28,707,688	\$28,122,302	98.0	\$1,005,693 \$900,201
	<b>Status:</b> 95% Design completed in 2013. Phase 2 funds requested in Dec. 2013 was not awarded. Requesting Phase 2 Construction funds on 12/11/2014.									
Terrebonne Bay Marsh Creation-Nourishment DEAUTHORIZED	TERRE	TERRE					\$2,901,750	\$2,901,750	100.0	\$778,895 \$778,895
	<b>Status:</b> This project has been put on hold and no work is currently being done on the project.									
Total Priority List			20	954			\$59,863,407	\$58,672,947	98.0	\$3,450,938 \$3,239,729

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Coastwide Vegetative Planting	COAST	COAST	779	20-Sep-2011 A	27-Jul-2012 A	01-Jun-2013 *	\$12,689,725	\$10,816,073	85.2	\$9,688,929
	<b>Status:</b> South Bayou Decade (Terrebonne Par), partially completed; Gentilly Unit (Orleans Par), completed; West Little Lake # 2 (Lafourche Par), completed; Sabine Unit One, under construction; The Jaws Part 2, under construction; Willow Lake 2, awarded; Decade Vicinity, out for bid; Belle IIs Lake, will be out for bid in October 2017.									
Kelso Bayou Marsh Creation TRANSFER	CA/SB	CAMER	274	20-Sep-2011 A	01-Sep-2014 *	01-Sep-2018	\$2,360,609	\$2,360,609	100.0	\$2,012,183
	<b>Status:</b> Milestones shown above are not correct. Federal Sponsor does not have access to change the information.									
Scheduled Dates: 30% Review      May 2016 95% Review      August 2016 Contracting      April 2017 Construction Start      September 2017										
Total Priority List		20	1,053				\$15,050,334	\$13,176,682	87.6	\$11,701,113
										\$5,431,419

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual
				CSA	Const Start	Const End	Approved	Funded	%	Obligations/ Expenditures
<b>Total</b>			<b>2,007</b>				<b>\$74,913,741</b>	<b>\$71,849,629</b>	<b>95.9</b>	<b>\$15,152,051</b> <b>\$8,671,148</b>

- 5 Project(s)**
- 4 Cost Sharing Agreements Executed**
- 2 Construction Started**
- 0 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 THE INTERIOR (FWS)**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Lead Agency: FWS, FISH &amp; WILDLIFE SERVICE</b>										
<b>Priority List 21</b>										
Turtle Bay Marsh Creation	BARA	JEFF	432	10-May-2012 A	01-Apr-2018	20-Jun-2019	\$33,664,671	\$32,607,095	96.9	\$943,095 \$905,760
	<b>Status:</b> This project was approved for Phase 2 funding in January 2017. It is expected to be advertised for bids in January 2018.									
<hr/>										
	Total Priority List	21	432				\$33,664,671	\$32,607,095	96.9	\$943,095 \$905,760

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

**Priority List 21**

Coles Bayou Marsh Restoration	TECHE	VERMI	340				\$25,635,641	\$24,169,491	94.3	\$21,377,604 \$2,087,334
	<b>Status:</b> Project is on course for a phase 2 (construction) request in December 2015.									
Oyster Bayou Marsh Restoration	CA/SB	CAMER	433	05-Feb-2013 A	01-Sep-2015*	15-Oct-2016*	\$31,236,742	\$30,722,420	98.4	\$26,959,363 \$2,901,658
	<b>Status:</b> NMFS intends to seek Phase 2 authorization in December 2014.									

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		21	773				\$56,872,383	\$54,891,911	96.5	\$48,336,967 \$4,988,992
2 Project(s) 1 Cost Sharing Agreements Executed 0 Construction Started 0 Construction Completed 0 Project(s) Deferred/Deauthorized										

**Priority List 21**

LaBranche Central Marsh Creation	PONT	STCHA	731	01-Jun-2012A	01-Sep-2018	01-Sep-2020	\$3,885,298	\$3,885,298	100.0	\$3,633,801 \$1,632,356
<b>Status:</b> Revised Scheduled Dates: 30% Review Jan 2018; 95% Review July 2018; Contracting April 2019; Construction Start September 2019										
Total Priority List		21	731				\$3,885,298	\$3,885,298	100.0	\$3,633,801 \$1,632,356

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual
				CSA	Const Start	Const End	Approved	Funded	%	Obligations/ Expenditures
<b>Total</b>			<b>1,936</b>				<b>\$94,422,352</b>	<b>\$91,384,304</b>	<b>96.8</b>	<b>\$52,913,864</b> <b>\$7,527,108</b>

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

## Notes:

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

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

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

**Lead Agency: EPA, FISH & WILDLIFE SERVICE**

**Priority List 22**

Bayou Dupont Sediment Delivery-Marsh Creation 3	BARA	PLAQ	118	23-Aug-2013 A	01-Feb-2016*		\$18,119,679	\$17,638,184	97.3	\$15,735,052 \$11,273,878
<b>Status:</b> Phase 2 was approved at the May 14, 2015 Task Force meeting based on a reduced scope to fit available CWPPRA funding.										
Phase 2 grant was awarded on December 7, 2015.										

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Total Priority List	22		118				\$18,119,679	\$17,638,184	97.3	\$15,735,052 \$11,273,878
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- 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	314	31-Oct-2013 A			\$2,308,599	\$2,308,599	100.0	\$1,384,270 \$1,250,227
<b>Status:</b> Phase II Funding will be requested at the December 2016 Technical Committee Meeting.										

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		22	314				\$2,308,599	\$2,308,599	100.0	\$1,384,270 \$1,250,227
1 Project(s) 1 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	326				\$38,499,572	\$37,503,664	97.4	\$32,281,528 \$2,393,689
<b>Status:</b>										

Total Priority List		22	326				\$38,499,572	\$37,503,664	97.4	\$32,281,528 \$2,393,689
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- 1 Project(s)
- 0 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	11-Oct-2013 A		01-Sep-2021	\$3,216,194	\$3,216,194	100.0	\$2,588,633 \$659,438
<b>Status:</b> NRCS has prepared a Scope of Services for Engineering Services to complete the data collection and design of the project. Plan to have an agreement in place by March 2018 to conduct Engineering Services.										

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
	Total Priority List	22	401				\$3,216,194	\$3,216,194	100.0	\$2,588,633 \$659,438
	1 Project(s)									
	1 Cost Sharing Agreements Executed									
	0 Construction Started									
	0 Construction Completed									
	0 Project(s) Deferred/Deauthorized									
<b>Total</b>			<b>1,159</b>				<b>\$62,144,044</b>	<b>\$60,666,641</b>	<b>97.6</b>	<b>\$51,989,483</b> <b>\$15,577,233</b>
	<b>4 Project(s)</b>									
	<b>3 Cost Sharing Agreements Executed</b>									
	<b>0 Construction Started</b>									
	<b>0 Construction Completed</b>									
	<b>0 Project(s) Deferred/Deauthorized</b>									

Notes:

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

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

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

Lead Agency: EPA, FISH & WILDLIFE SERVICE

Priority List 23

Caminada Headlands Back Barrier Marsh Creation	BARA		165				\$3,354,935	\$3,354,935	100.0	\$3,019,442 \$577,645
<b>Status:</b>										
Total Priority List		23	165				\$3,354,935	\$3,354,935	100.0	\$3,019,442 \$577,645

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

Priority List 23

Bayou Grande Cheniere Marsh & Ridge Restoration	BARA		237	23-Jan-2015 A			\$2,742,302	\$2,742,302	100.0	\$165,176 \$35,265
<b>Status:</b>		Phase II Approval will be requested at the December 2016 Technical Committee Meeting & subsequent January 2017 Task Force Meeting.								
Total Priority List		23	237				\$2,742,302	\$2,742,302	100.0	\$165,176 \$35,265

- 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 COMMERCE (NMFS)

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Priority List 23</b>										
Island Road Marsh Creation & Nourishment	TERRE		312	01-Jul-2014*			\$3,721,447	\$3,721,447	100.0	\$3,377,428 \$306,360
	<b>Status:</b>									
<hr/>										
	Total Priority List	23	312				\$3,721,447	\$3,721,447	100.0	\$3,377,428 \$306,360

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

<b>Priority List 23</b>										
South Grand Chenier Marsh Creation – Baker Tract	MERM	CAMER	393	30-Jun-2015*	30-Nov-2017	30-Nov-2018	\$2,653,242	\$2,653,242	100.0	\$1,788,091 \$221,756
	<b>Status:</b>	Project design is on hold due to difficulty in obtaining landrights.								
<hr/>										
	Total Priority List	23	393				\$2,653,242	\$2,653,242	100.0	\$1,788,091 \$221,756

- 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Total</b>			<b>1,107</b>				<b>\$12,471,926</b>	<b>\$12,471,926</b>	<b>100.0</b>	<b>\$8,350,137</b> <b>\$1,141,026</b>

**4 Project(s)**

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

## Notes:

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Lead Agency: EPA, FISH &amp; WILDLIFE SERVICE</b>										
<b>Priority List 24</b>										
Shell Beach South Marsh Creation	PONT	STBER	344	22-Jul-2015 A		30-Sep-2019	\$3,176,569	\$3,176,569	100.0	\$846,983 \$57,975
	<b>Status:</b> TF Approved Phase 1 on 1/22/15.									
	Grant awarded to the CPRA for Phase 1 on 7/22/15.									
	MOA between EPA/USACE signed by Colonel Hansen on 9/25/15.									
	Phase 1 Kickoff meeting held at USACE offices on 10/20/15.									
<hr/>										
	Total Priority List	24	344				\$3,176,569	\$3,176,569	100.0	\$846,983 \$57,975

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

<b>Priority List 24</b>										
New Orleans Landbridge Shoreline & Marsh Creation	PONT	ORL	167				\$1,942,143	\$1,942,143	100.0	\$156,912 \$11,165
	<b>Status:</b>									

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Total Priority List		24	167				\$1,942,143	\$1,942,143	100.0	\$156,912 \$11,165
1 Project(s) 0 Cost Sharing Agreements Executed 0 Construction Started 0 Construction Completed 0 Project(s) Deferred/Deauthorized										

**Priority List 24**

No Name Bayou Marsh Creation & Nourishment	CA/SB	CAMER	497				\$2,724,524	\$2,724,524	100.0	\$2,454,070 \$859,448
<b>Status:</b> Approved for Phase I Engineering and Design in January 2015										
West Fourchon Marsh Creation & Marsh Nourishment	TERRE	LAFOU	304				\$3,201,929	\$3,201,929	100.0	\$2,881,735 \$9,332
<b>Status:</b>										
Total Priority List		24	801				\$5,926,453	\$5,926,453	100.0	\$5,335,805 \$868,780

- 2 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 *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Total</b>			1,312				\$11,045,165	\$11,045,165	100.0	\$6,339,700 \$937,920

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

Notes:

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

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

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

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

**Lead Agency: EPA, NATIONAL MARINE FISHERIES SERVICE**

**Priority List 25**

Caminada Headlands Back Barrier Marsh Creation II	BARA	LAFOU	207				\$3,034,310	\$3,034,310	100.0	\$0
	<b>Status:</b>									\$0
<b>Total Priority List</b>			25	207			\$3,034,310	\$3,034,310	100.0	\$0

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

**Priority List 25**

East Leeville Marsh Creation and Nourishment	BARA	LAFOU	322				\$4,026,090	\$4,026,090	100.0	\$0
	<b>Status:</b>									\$0
Frichie Marsh Creation and Terracing	PONT	STTAM	290				\$3,033,294	\$3,033,294	100.0	\$0
	<b>Status:</b>									\$0
Oyster Lake Marsh Creation and Nourishment	CA/SB	CAMER	438				\$3,608,939	\$3,608,939	100.0	\$0
	<b>Status:</b>									\$0

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
Shoreline Protection, Preservation, and Restoration Panel (DEMO)	COAST	COAST					\$2,215,514	\$2,215,514	100.0	\$0
	<b>Status:</b>									\$0
Total Priority List			25	1,050			\$12,883,837	\$12,883,837	100.0	\$0

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

**Priority List 25**

Barataria Bay Rim Marsh Creation	BARA	JEFF	251	25-Jul-2017 A	01-Nov-2020	01-Nov-2021	\$2,693,708	\$2,693,708	100.0	\$2,012,834
	<b>Status:</b>									\$49
Total Priority List			25	251			\$2,693,708	\$2,693,708	100.0	\$2,012,834

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

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual
				CSA	Const Start	Const End	Approved	Funded	%	Obligations/ Expenditures
<b>Total</b>			<b>1,508</b>				<b>\$18,611,855</b>	<b>\$18,611,855</b>	<b>100.0</b>	<b>\$2,012,834</b> <b>\$49</b>

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

## Notes:

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

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

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

**Actual  
Obligations/  
Expenditures**

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
<b>Lead Agency: NMFS, FISH &amp; WILDLIFE SERVICE</b>										
<b>Priority List 26</b>										
Bayou LaLoutre Ridge and Marsh Creation	PT/BR	STBER	187				\$3,236,952	\$3,236,952	100.0	\$325,862 \$214
	<b>Status:</b>									
Salvinia Weevil Propagation Facility	COAST	COAST	26				\$3,802,748	\$934,567	24.6	\$0 \$0
	<b>Status:</b>									
St. Catherine Island Marsh Creation & Shoreline Protection	PONT	STTAM	214				\$2,389,308	\$2,389,308	100.0	\$262,848 \$107
	<b>Status:</b>									
<hr/>										
	Total Priority List	26	427				\$9,429,008	\$6,560,827	69.6	\$588,710 \$321

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

**Priority List 26**

Bayou DeCade Ridge and Marsh Creation	TERRE	TERRE	378				\$3,282,292	\$3,282,292	100.0	\$0 \$0
	<b>Status:</b>									

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

PROJECT	BASIN	PARISH	ACRES	***** SCHEDULES *****			***** ESTIMATES *****			Actual Obligations/ Expenditures
				CSA	Const Start	Const End	Approved	Funded	%	
	Total Priority List	26	378				\$3,282,292	\$3,282,292	100.0	\$0 \$0
	1 Project(s)									
	0 Cost Sharing Agreements Executed									
	0 Construction Started									
	0 Construction Completed									
	0 Project(s) Deferred/Deauthorized									
<b>Total</b>			<b>805</b>				<b>\$12,711,300</b>	<b>\$9,843,119</b>	<b>77.4</b>	<b>\$588,710</b> <b>\$321</b>
	<b>4 Project(s)</b>									
	<b>0 Cost Sharing Agreements Executed</b>									
	<b>0 Construction Started</b>									
	<b>0 Construction Completed</b>									
	<b>0 Project(s) Deferred/Deauthorized</b>									

Notes:

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

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

**Project Status Summary Report - Total All Priority Lists**

PROJECT	ACRES	***** ESTIMATES *****			Obligations	Expenditures	
		Baseline	Current	%			
<b>SUMMARY</b>	<b>Total All Projects</b>	<b>115,669</b>	<b>\$1,817,089,478</b>	<b>\$1,701,181,182</b>	<b>93.6</b>	<b>\$1,331,366,399</b>	<b>\$1,151,762,247</b>

214 Project(s)

174 Cost Sharing Agreements Executed

19 Construction Started

108 Construction Completed

60 Project(s) Deauthorized/Transfer/Inactive

**Total Available Funds**

Federal Funds \$1,403,263,124

Non/Federal Funds \$252,341,229

Total Funds \$1,655,604,353

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## Project Status Summary Report by Basin

	No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
<b>Basin: Atchafalaya</b>									
<b>Priority List: 2</b>	2	3,792	2	2	2	0	\$9,458,771	\$9,458,771	\$8,843,039
<b>Priority List: 9</b>	1		1	0	0	1	\$1,717,883	\$1,717,883	\$1,717,883
<b>Basin Total</b>	3	3,792	3	2	2	1	\$11,176,653	\$11,176,653	\$10,560,921

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## Project Status Summary Report by Basin

	No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
<b>Basin: Barataria</b>									
Priority List: 1	3	620	3	3	3	0	\$14,124,565	\$14,011,378	\$11,797,384
Priority List: 2	1	510	1	1	1	0	\$28,896,380	\$28,896,380	\$22,679,953
Priority List: 3	3	0	3	1	1	2	\$3,991,376	\$3,991,376	\$3,991,376
Priority List: 4	2	232	2	1	1	1	\$3,740,239	\$3,738,748	\$3,263,635
Priority List: 5	2	633	2	1	1	1	\$2,767,867	\$2,737,063	\$2,449,324
Priority List: 6	1	217	1	1	1	0	\$5,224,477	\$5,224,477	\$4,786,506
Priority List: 7	2	1,431	2	2	2	0	\$28,189,439	\$28,189,439	\$26,768,501
Priority List: 9	3	599	3	1	0	1	\$48,693,594	\$39,702,696	\$27,701,744
Priority List: 10	2	8,891	1	0	0	0	\$10,430,029	\$7,763,773	\$4,952,549
Priority List: 11	5	2,171	5	5	5	0	\$175,393,415	\$162,769,280	\$151,039,142
Priority List: 12	1	326	1	1	1	0	\$27,702,941	\$27,178,387	\$23,190,448
Priority List: 14	2	106	2	1	1	1	\$24,574,599	\$22,788,149	\$19,894,924
Priority List: 15	1	447	1	1	1	0	\$24,092,500	\$23,640,564	\$23,403,609
Priority List: 17	2	186	2	0	0	1	\$40,605,932	\$39,843,613	\$36,103,980
Priority List: 18	1	370	0	1	1	0	\$42,579,616	\$42,138,670	\$32,140,147
Priority List: 19	1		1	0	0	1	\$1,042,540	\$1,042,540	\$1,042,540
Priority List: 21	1	432	1	0	0	0	\$33,664,671	\$32,607,095	\$905,760
Priority List: 22	2	432	2	0	0	0	\$20,428,278	\$19,946,783	\$12,524,106
Priority List: 23	2	402	1	0	0	0	\$6,097,237	\$6,097,237	\$612,911
Priority List: 25	3	780	1	0	0	0	\$9,754,108	\$9,754,108	\$49
<b>Basin Total</b>	<b>40</b>	<b>18,785</b>	<b>35</b>	<b>20</b>	<b>19</b>	<b>8</b>	<b>\$551,993,802</b>	<b>\$522,061,755</b>	<b>\$409,248,587</b>

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## Project Status Summary Report by Basin

	No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
<b>Basin: Breton Sound</b>									
Priority List: 2	1	802	1	1	1	0	\$4,536,000	\$4,536,000	\$4,036,746
Priority List: 3	1		1	0	0	1	\$32,862	\$32,862	\$32,862
Priority List: 4	1		0	0	0	1	\$65,747	\$65,747	\$65,747
Priority List: 8	1		0	0	0	1	\$56,476	\$56,476	\$56,476
Priority List: 10	2	267	1	1	1	1	\$3,918,368	\$3,478,720	\$2,960,811
Priority List: 14	1		1	0	0	1	\$1,020,420	\$1,020,420	\$1,020,420
Priority List: 15	1	620	0	0	0	0	\$9,510	\$9,510	\$9,510
Priority List: 17	2	409	2	0	0	1	\$33,165,765	\$32,798,408	\$23,293,926
Priority List: 18	1		1	0	0	1	\$521,984	\$521,984	\$521,984
<b>Basin Total</b>	<b>11</b>	<b>2,098</b>	<b>7</b>	<b>2</b>	<b>2</b>	<b>7</b>	<b>\$43,327,132</b>	<b>\$42,520,127</b>	<b>\$31,998,482</b>

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## Project Status Summary Report by Basin

	No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
<b>Basin: Calcasieu/Sabine</b>									
Priority List: 1	3	6,407	3	3	3	0	\$3,988,112	\$3,043,576	\$2,703,237
Priority List: 2	4	2,737	4	3	3	1	\$11,988,273	\$11,988,273	\$10,505,904
Priority List: 3	2	3,555	2	2	2	0	\$18,073,408	\$11,049,731	\$8,380,706
Priority List: 4	3	1,203	3	2	2	1	\$2,869,451	\$2,869,451	\$2,464,949
Priority List: 5	1	247	1	1	1	0	\$3,929,152	\$3,929,152	\$3,435,411
Priority List: 6	1	3,594	1	1	1	0	\$12,698,222	\$12,423,864	\$6,023,426
Priority List: 8	4	993	4	4	4	0	\$31,575,427	\$30,944,892	\$23,044,492
Priority List: 9	2	623	2	2	2	0	\$19,103,768	\$18,339,593	\$16,570,863
Priority List: 10	1	225	1	1	1	0	\$6,049,990	\$4,944,870	\$4,715,159
Priority List: 11.1	1	330	1	1	1	0	\$14,130,233	\$14,130,233	\$13,998,261
Priority List: 18	1	242	1	1	0	0	\$2,761,501	\$2,604,603	\$1,876,073
Priority List: 20	2	750	2	0	0	0	\$31,068,297	\$30,482,911	\$2,118,982
Priority List: 21	1	433	1	0	0	0	\$31,236,742	\$30,722,420	\$2,901,658
Priority List: 22	1	326	0	0	0	0	\$38,499,572	\$37,503,664	\$2,393,689
Priority List: 24	1	497	0	0	0	0	\$2,724,524	\$2,724,524	\$859,448
Priority List: 25	1	438	0	0	0	0	\$3,608,939	\$3,608,939	\$0
<b>Basin Total</b>	29	22,600	26	21	20	2	\$234,305,610	\$221,310,695	\$101,992,258

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## Project Status Summary Report by Basin

	No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
<b>Basin: Coastal Basins</b>									
Priority List: Cons Plan	1		1	1	1	0	\$191,807	\$191,807	\$143,855
Priority List: 0.1	1		1	1	0	0	\$114,607,082	\$114,607,082	\$84,306,742
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	\$1,243,694	\$1,243,694	\$760,046
Priority List: 6	1	0	1	1	1	0	\$806,220	\$806,220	\$806,220
Priority List: 9	1		0	0	0	1	\$83,556	\$83,556	\$83,556
Priority List: 10	1	0	1	1	1	0	\$2,747,094	\$2,747,094	\$2,607,984
Priority List: 11	1	14,963	1	1	1	0	\$68,040,614	\$39,075,082	\$27,023,450
Priority List: 12	1	0	1	1	1	0	\$1,068,602	\$1,068,602	\$1,068,602
Priority List: 13	1	0	1	1	1	0	\$707,839	\$707,839	\$707,839
Priority List: 16	1	0	1	1	1	0	\$591,998	\$591,998	\$591,998
Priority List: 17	1	0	1	1	1	0	\$970,726	\$970,726	\$883,702
Priority List: 18	1	0	1	0	0	0	\$6,472,800	\$6,472,800	\$4,380,291
Priority List: 20	1	779	1	1	0	0	\$12,689,725	\$10,816,073	\$4,212,638
Priority List: 25	1		0	0	0	0	\$2,215,514	\$2,215,514	\$0
Priority List: 26	1	26	0	0	0	0	\$3,802,748	\$934,567	\$0
<b>Basin Total</b>	<b>17</b>	<b>15,768</b>	<b>14</b>	<b>12</b>	<b>8</b>	<b>1</b>	<b>\$218,309,605</b>	<b>\$184,602,240</b>	<b>\$128,669,684</b>

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## Project Status Summary Report by Basin

	No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
<b>Basin: Miss. River Delta</b>									
Priority List: 1	1	9,831	1	1	1	0	\$50,863,503	\$50,863,503	\$44,031,348
Priority List: 3	2	936	1	1	1	1	\$1,004,105	\$1,004,105	\$879,098
Priority List: 4	1		1	0	0	1	\$58,310	\$58,310	\$58,310
Priority List: 6	2	2,386	2	2	2	0	\$6,632,965	\$6,632,965	\$5,013,156
Priority List: 10	1		0	0	0	1	\$978,100	\$978,100	\$978,100
Priority List: 12	1		0	0	0	1	\$354,791	\$354,791	\$354,791
Priority List: 13	1		0	0	0	1	\$310,152	\$310,152	\$310,152
Priority List: 15	1	318	1	0	0	0	\$611,222	\$611,222	\$611,222
<b>Basin Total</b>	10	13,471	6	4	4	5	\$60,813,148	\$60,813,148	\$52,236,178

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## Project Status Summary Report by Basin

	No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
<b>Basin: Mermentau</b>									
Priority List: 1	2	247	2	2	1	1	\$1,319,270	\$1,319,270	\$1,153,804
Priority List: 2	1	1,593	1	1	1	0	\$6,059,651	\$6,047,554	\$3,557,681
Priority List: 3	1		1	1	0	1	\$103,468	\$103,468	\$103,468
Priority List: 5	1	511	1	1	1	0	\$8,913,366	\$5,533,088	\$2,693,002
Priority List: 7	1	442	1	1	1	0	\$2,390,984	\$2,390,984	\$2,333,561
Priority List: 8	1	378	1	1	1	0	\$1,574,926	\$1,574,926	\$1,193,481
Priority List: 9	2	296	2	1	1	1	\$7,646,218	\$6,608,683	\$6,375,892
Priority List: 10	2	469	2	1	1	0	\$42,914,856	\$38,151,942	\$5,636,371
Priority List: 11	2	459	2	1	1	0	\$32,678,962	\$29,357,990	\$6,821,649
Priority List: 12	1	844	1	1	1	0	\$14,466,981	\$10,563,558	\$10,475,399
Priority List: 15	1		1	0	0	1	\$779,422	\$779,422	\$779,422
Priority List: 16	1	888	0	0	0	0	\$10,657	\$10,657	\$10,657
Priority List: 17	1	0	0	1	1	0	\$2,244,785	\$2,244,785	\$2,061,275
Priority List: 19	1	279	1	0	0	0	\$2,425,997	\$2,425,997	\$1,488,772
Priority List: 23	1	393	0	0	0	0	\$2,653,242	\$2,653,242	\$221,756
<b>Basin Total</b>	19	6,799	16	12	10	4	\$126,182,786	\$109,765,567	\$44,906,189

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## Project Status Summary Report by Basin

	No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
<b>Basin: Pontchartrain</b>									
Priority List: 1	2	1,753	2	2	2	0	\$5,398,108	\$5,398,108	\$5,137,820
Priority List: 2	2	2,320	2	2	2	0	\$3,894,225	\$3,894,225	\$3,322,905
Priority List: 3	3	755	3	1	1	2	\$967,201	\$967,201	\$967,201
Priority List: 4	1		0	0	0	1	\$39,025	\$39,025	\$39,025
Priority List: 5	1	75	1	1	1	0	\$2,589,403	\$2,589,403	\$2,317,688
Priority List: 8	2	134	2	1	1	1	\$2,493,439	\$2,493,439	\$2,164,429
Priority List: 9	3	220	2	1	1	2	\$1,230,695	\$1,230,695	\$1,230,695
Priority List: 10	1	165	1	1	1	0	\$27,479,959	\$27,224,664	\$20,308,195
Priority List: 11	1	5,438	1	0	0	0	\$6,554,124	\$6,554,124	\$6,554,124
Priority List: 12	1		0	0	0	1	\$1,089,193	\$1,089,193	\$1,089,193
Priority List: 13	1	436	1	1	1	0	\$14,558,123	\$14,410,203	\$13,999,875
Priority List: 16	1	181	1	0	0	0	\$1,364,230	\$1,364,230	\$1,364,230
Priority List: 19	1	715	1	0	0	0	\$2,571,273	\$2,571,273	\$2,239,885
Priority List: 20	1	478	1	1	0	0	\$28,253,969	\$27,648,895	\$1,560,632
Priority List: 21	1	731	1	0	0	0	\$3,885,298	\$3,885,298	\$1,632,356
Priority List: 24	2	511	1	0	0	0	\$5,118,712	\$5,118,712	\$69,140
Priority List: 25	1	290	0	0	0	0	\$3,033,294	\$3,033,294	\$0
Priority List: 26	1	214	0	0	0	0	\$2,389,308	\$2,389,308	\$107
<b>Basin Total</b>	26	14,416	20	11	10	7	\$112,909,580	\$111,901,291	\$63,997,502
<b>Basin: Lake Pont. &amp; Breton</b>									
Priority List: 26	1	187	0	0	0	0	\$3,236,952	\$3,236,952	\$214
<b>Basin Total</b>	1	187	0	0	0	0	\$3,236,952	\$3,236,952	\$214

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## Project Status Summary Report by Basin

	No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
<b>Basin: Teche / Vermilion</b>									
Priority List: 1	1	65	1	1	1	0	\$2,047,479	\$2,047,479	\$2,013,887
Priority List: 2	1	378	1	1	1	0	\$897,109	\$897,109	\$897,109
Priority List: 3	1	2,223	1	1	1	0	\$10,093,909	\$10,036,640	\$9,306,438
Priority List: 5	1	441	1	1	1	0	\$886,030	\$886,030	\$751,392
Priority List: 6	4	2,567	4	4	4	0	\$10,347,331	\$10,347,331	\$8,968,221
Priority List: 8	1	24	1	1	1	0	\$1,181,129	\$1,181,129	\$1,112,057
Priority List: 9	3	686	1	1	1	0	\$5,428,731	\$3,811,152	\$3,732,076
Priority List: 13	1		1	0	0	1	\$1,855,824	\$1,855,824	\$1,855,824
Priority List: 14	1	169	1	1	1	0	\$17,765,813	\$17,291,809	\$17,005,388
Priority List: 21	1	340	0	0	0	0	\$25,635,641	\$24,169,491	\$2,087,334
<b>Basin Total</b>	<b>15</b>	<b>6,893</b>	<b>12</b>	<b>11</b>	<b>11</b>	<b>1</b>	<b>\$76,138,995</b>	<b>\$72,523,993</b>	<b>\$47,729,725</b>

## COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## Project Status Summary Report by Basin

	No. of Projects	Acres	CSA Executed	Under Const.	Completed	Projects Deauth.	Baseline Estimate	Current Estimate	Expenditures To Date
<b>Basin: Terrebonne</b>									
Priority List: 1	5	9	4	3	3	2	\$9,376,759	\$9,376,759	\$9,278,765
Priority List: 2	3	958	3	3	3	0	\$23,115,874	\$23,115,874	\$20,705,360
Priority List: 3	4	3,958	4	4	4	0	\$25,106,295	\$24,859,377	\$23,450,203
Priority List: 4	2	215	2	1	1	1	\$7,715,925	\$7,715,925	\$7,663,841
Priority List: 5	3	0	3	1	1	2	\$4,703,403	\$4,703,403	\$4,703,403
Priority List: 5.1	1		1	0	0	1	\$7,452,191	\$7,452,191	\$7,452,191
Priority List: 6	4	941	2	1	1	2	\$43,465,900	\$37,747,287	\$16,818,649
Priority List: 7	1	0	1	1	1	0	\$538,101	\$538,101	\$538,101
Priority List: 9	4	577	4	4	4	0	\$32,644,036	\$30,988,162	\$30,414,474
Priority List: 10	2	668	2	2	1	0	\$49,757,119	\$46,455,705	\$43,700,908
Priority List: 11	3	543	3	2	1	0	\$44,912,175	\$42,504,843	\$36,316,344
Priority List: 12	1		0	0	0	1	\$1,736,137	\$1,736,137	\$1,736,137
Priority List: 13	1	272	1	1	1	0	\$30,414,086	\$30,164,311	\$25,826,992
Priority List: 16	2	639	2	1	1	0	\$43,981,456	\$43,729,403	\$27,455,670
Priority List: 18	1	233	1	0	0	0	\$2,326,289	\$2,326,289	\$1,315,593
Priority List: 19	1	452	1	1	0	0	\$35,125,857	\$31,531,382	\$1,291,852
Priority List: 20	1		0	0	0	1	\$2,901,750	\$2,901,750	\$778,895
Priority List: 22	1	401	1	0	0	0	\$3,216,194	\$3,216,194	\$659,438
Priority List: 23	1	312	0	0	0	0	\$3,721,447	\$3,721,447	\$306,360
Priority List: 24	1	304	0	0	0	0	\$3,201,929	\$3,201,929	\$9,332
Priority List: 26	1	378	0	0	0	0	\$3,282,292	\$3,282,292	\$0
<b>Basin Total</b>	43	10,860	35	25	22	10	\$378,695,215	\$361,268,761	\$260,422,508

<b>Total All Basins</b>	214	115,669	174	120	1E ±0	46	\$1,817,089,478	\$1,701,181,182	\$1,151,762,247
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**CWPPRA Priority List Estimates**

02-Oct-2017

			Type	Total	Engineering	Real Estate	Construction	Monitoring	O & M	Contingency
<b>Priority List 0</b>	<b>Total</b>	Current Approved	191,807.00	191,807.00	0.00	0.00	0.00	0.00	0.00	0.00
		Current Funded	191,807.00	191,807.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Priority List 0.1</b>	<b>Total</b>	Current Approved	114,607,082.00	0.00	0.00	0.00	114,607,082.00	0.00	0.00	0.00
		Current Funded	114,607,082.00	0.00	0.00	0.00	114,607,082.00	0.00	0.00	0.00
<b>Priority List 0.2</b>	<b>Total</b>	Current Approved	1,500,000.00	0.00	0.00	0.00	1,500,000.00	0.00	0.00	0.00
		Current Funded	1,500,000.00	0.00	0.00	0.00	1,500,000.00	0.00	0.00	0.00
<b>Priority List 0.3</b>	<b>Total</b>	Current Approved	569,585.92	0.00	0.00	0.00	0.00	569,585.92	0.00	0.00
		Current Funded	569,585.92	0.00	0.00	0.00	0.00	569,585.92	0.00	0.00
<b>Priority List 0.4</b>	<b>Total</b>	Current Approved	1,243,694.00	1,243,694.00	0.00	0.00	0.00	0.00	0.00	0.00
		Current Funded	1,243,694.00	1,243,694.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Priority List 1</b>	<b>Total</b>	Current Approved	87,117,795.81	3,964,516.66	1,224,777.18	25,916,415.97	4,636,008.31	51,376,077.69	0.00	
		Current Funded	86,060,072.81	3,964,516.66	1,224,777.18	25,916,415.97	4,636,008.31	50,318,354.69	0.00	
<b>Priority List 2</b>	<b>Total</b>	Current Approved	88,846,282.65	6,085,079.25	680,028.71	53,018,618.04	7,774,731.10	21,287,825.55	0.00	
		Current Funded	88,834,185.65	6,082,897.89	680,028.71	53,020,799.40	7,803,106.10	21,247,353.55	0.00	
<b>Priority List 3</b>	<b>Total</b>	Current Approved	59,372,625.21	4,634,551.51	261,183.60	25,350,948.35	5,685,060.75	23,440,881.00	0.00	
		Current Funded	52,044,761.21	4,634,551.51	261,183.60	25,350,948.35	4,583,542.75	17,214,535.00	0.00	
<b>Priority List 4</b>	<b>Total</b>	Current Approved	14,488,697.23	1,874,591.96	224,438.57	10,233,178.28	626,747.95	1,529,740.47	0.00	
		Current Funded	14,487,206.23	1,874,591.96	224,438.57	10,233,178.28	626,747.95	1,528,249.47	0.00	

**CWPPRA Priority List Estimates**

02-Oct-2017

			Type	Total	Engineering	Real Estate	Construction	Monitoring	O & M	Contingency
<b>Priority List</b>	<b>5</b>	<b>Total</b>	Current Approved	23,789,219.56	4,637,807.60	162,120.25	8,916,757.54	1,715,555.79	8,356,978.38	0.00
			Current Funded	20,378,137.56	4,637,807.60	162,120.25	8,916,757.54	1,684,751.79	4,976,700.38	0.00
<b>Priority List</b>	<b>5.1</b>	<b>Total</b>	Current Approved	7,452,190.98	7,355,189.24	40,595.10	0.00	56,406.64	0.00	0.00
			Current Funded	7,452,190.98	7,355,189.24	40,595.10	0.00	56,406.64	0.00	0.00
<b>Priority List</b>	<b>6</b>	<b>Total</b>	Current Approved	79,175,114.64	7,409,228.28	891,137.60	41,509,244.93	5,553,800.83	20,816,729.00	2,994,974.00
			Current Funded	73,182,143.64	7,409,228.28	891,137.60	41,509,244.93	4,727,944.83	15,649,614.00	2,994,974.00
<b>Priority List</b>	<b>7</b>	<b>Total</b>	Current Approved	31,118,524.47	1,773,716.11	87,162.93	26,678,166.92	851,337.21	1,728,141.30	0.00
			Current Funded	31,118,524.47	1,773,716.11	87,162.93	26,678,166.92	851,337.21	1,728,141.30	0.00
<b>Priority List</b>	<b>8</b>	<b>Total</b>	Current Approved	36,881,398.07	2,458,969.18	893,328.98	25,649,206.81	2,201,090.85	4,432,923.25	1,245,879.00
			Current Funded	36,250,862.37	2,458,969.48	893,328.98	25,649,206.81	1,729,464.85	4,274,013.25	1,245,879.00
<b>Priority List</b>	<b>9</b>	<b>Total</b>	Current Approved	116,548,480.42	14,825,079.30	651,074.50	73,148,555.36	2,498,890.55	25,424,880.71	0.00
			Current Funded	102,482,419.71	15,295,938.30	651,074.50	72,683,081.36	1,528,917.55	12,323,408.00	0.00
<b>Priority List</b>	<b>10</b>	<b>Total</b>	Current Approved	144,275,514.17	16,865,178.49	868,278.54	96,040,441.32	3,802,086.82	21,192,718.00	5,506,811.00
			Current Funded	131,744,867.17	16,865,178.49	868,278.54	97,497,764.32	1,581,368.82	10,882,788.00	4,049,489.00
<b>Priority List</b>	<b>11</b>	<b>Total</b>	Current Approved	327,579,291.02	25,169,315.95	3,003,687.99	192,391,605.35	6,141,089.73	97,247,573.00	3,626,019.00
			Current Funded	280,261,320.02	25,169,315.95	3,003,687.99	192,391,605.35	3,541,496.73	52,529,195.00	3,626,019.00
<b>Priority List</b>	<b>11.1</b>	<b>Total</b>	Current Approved	14,130,232.86	531,498.25	13,142.53	12,964,592.08	281,000.00	340,000.00	0.00
			Current Funded	14,130,232.86	531,498.25	13,142.53	12,964,592.08	281,000.00	340,000.00	0.00

**CWPPRA Priority List Estimates**

02-Oct-2017

			Type	Total	Engineering	Real Estate	Construction	Monitoring	O & M	Contingency
<b>Priority List 12</b>	<b>Total</b>	Current Approved	46,418,643.49	5,971,677.67	314,398.23	29,791,525.59	869,866.03	4,590,963.97	4,880,212.00	
		Current Funded	41,990,666.49	5,971,677.67	314,398.23	29,791,525.59	836,122.03	196,730.97	4,880,212.00	
<b>Priority List 13</b>	<b>Total</b>	Current Approved	47,846,024.61	6,082,859.83	220,861.64	37,055,204.18	481,001.96	925,124.00	3,080,973.00	
		Current Funded	47,448,329.61	6,082,859.83	220,861.64	40,136,177.18	332,888.96	675,542.00	0.00	
<b>Priority List 14</b>	<b>Total</b>	Current Approved	43,360,831.33	7,080,766.40	116,545.28	26,599,343.65	369,974.00	6,329,034.00	2,865,168.00	
		Current Funded	41,100,377.33	7,080,766.40	116,545.28	29,464,511.65	120,111.00	4,318,443.00	0.00	
<b>Priority List 15</b>	<b>Total</b>	Current Approved	25,492,653.04	2,142,497.01	81,177.07	22,579,890.96	501,094.00	187,994.00	0.00	
		Current Funded	25,040,717.04	2,142,497.01	81,177.07	22,579,890.96	213,606.00	23,546.00	0.00	
<b>Priority List 16</b>	<b>Total</b>	Current Approved	45,948,341.62	6,768,490.45	127,174.79	29,051,273.75	134,541.00	2,798,525.63	7,068,336.00	
		Current Funded	45,696,288.62	6,768,490.45	127,174.79	29,051,273.75	97,407.00	2,583,606.63	7,068,336.00	
<b>Priority List 17</b>	<b>Total</b>	Current Approved	76,987,208.12	8,151,909.10	474,652.91	62,392,178.11	1,094,077.00	1,210,198.00	3,664,193.00	
		Current Funded	75,857,532.12	8,151,909.10	474,652.91	66,056,371.11	509,813.00	664,786.00	0.00	
<b>Priority List 18</b>	<b>Total</b>	Current Approved	54,662,189.84	8,617,679.76	1,960,984.13	36,631,747.49	1,075,023.29	1,748,347.00	4,628,408.17	
		Current Funded	54,064,345.84	8,617,679.76	1,960,984.13	36,631,747.49	813,337.29	1,412,189.00	4,628,408.17	
<b>Priority List 19</b>	<b>Total</b>	Current Approved	41,165,667.43	8,396,465.32	365,463.11	28,414,381.00	783,478.00	3,205,880.00	0.00	
		Current Funded	37,571,192.43	8,396,465.32	365,463.11	28,414,381.00	195,993.00	198,890.00	0.00	
<b>Priority List 20</b>	<b>Total</b>	Current Approved	74,913,741.00	9,905,954.00	498,032.00	41,660,096.00	1,944,782.00	11,444,926.00	9,459,951.00	
		Current Funded	71,849,629.00	9,905,953.00	498,032.00	41,660,096.00	900,065.00	9,425,532.00	9,459,951.00	

**CWPPRA Priority List Estimates**

02-Oct-2017

			Type	Total	Engineering	Real Estate	Construction	Monitoring	O & M	Contingency
<b>Priority List 21</b>	<b>Total</b>	Current Approved	94,422,352.00	13,425,171.00	450,776.00	63,214,327.00	2,379,167.00	2,064,565.00	12,888,346.00	
		Current Funded	91,384,304.00	13,425,171.00	450,776.00	63,214,327.00	830,218.00	575,466.00	12,888,346.00	
<b>Priority List 22</b>	<b>Total</b>	Current Approved	62,144,044.00	12,957,073.00	2,649,893.00	38,139,254.00	1,123,218.00	2,306,687.00	4,967,919.00	
		Current Funded	60,666,641.00	12,957,073.00	2,649,893.00	38,139,254.00	183,334.00	1,769,168.00	4,967,919.00	
<b>Priority List 23</b>	<b>Total</b>	Current Approved	12,471,926.00	11,159,746.00	1,312,180.00	0.00	0.00	0.00	0.00	
		Current Funded	12,471,926.00	11,159,746.00	1,312,180.00	0.00	0.00	0.00	0.00	
<b>Priority List 24</b>	<b>Total</b>	Current Approved	11,045,165.00	10,257,022.00	788,143.00	0.00	0.00	0.00	0.00	
		Current Funded	11,045,165.00	10,257,022.00	788,143.00	0.00	0.00	0.00	0.00	
<b>Priority List 25</b>	<b>Total</b>	Current Approved	18,611,855.00	15,399,337.00	1,510,468.00	936,542.00	172,140.00	373,545.00	219,823.00	
		Current Funded	18,611,855.00	15,399,337.00	1,510,468.00	936,542.00	172,140.00	373,545.00	219,823.00	
<b>Priority List 26</b>	<b>Total</b>	Current Approved	12,711,300.00	8,586,644.00	582,946.00	142,583.00	912,430.00	2,451,051.00	35,646.00	
		Current Funded	9,843,119.00	8,586,644.00	582,946.00	142,583.00	216,836.00	278,464.00	35,646.00	
<b>Grand Total</b>		Current Approved	1,817,089,478.49	233,923,515.32	20,454,651.64	1,008,426,077.68	169,771,680.81	317,380,894.87	67,132,658.17	
		Current Funded	1,701,181,182.08	234,392,192.26	20,454,651.64	1,019,030,442.04	155,161,046.81	216,077,847.16	56,065,002.17	



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**ELECTRONIC VOTES AND APPROVALS**

**For Report:**

Mr. Brad Inman will report out on recent requests approved via electronic vote.



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**CONSTRUCTION UPDATE**

**For Report:**

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




# CWPPRA Construction Update



**Task Force Meeting**  
**October 12, 2017**  
**New Orleans, LA**

FWS

**CWPPRA**

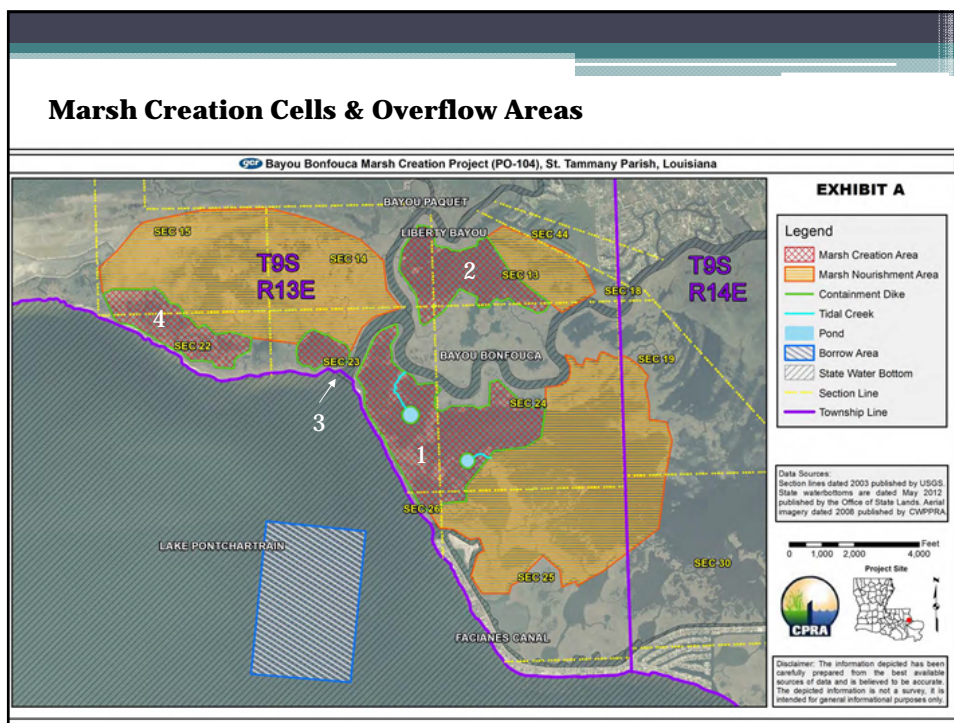


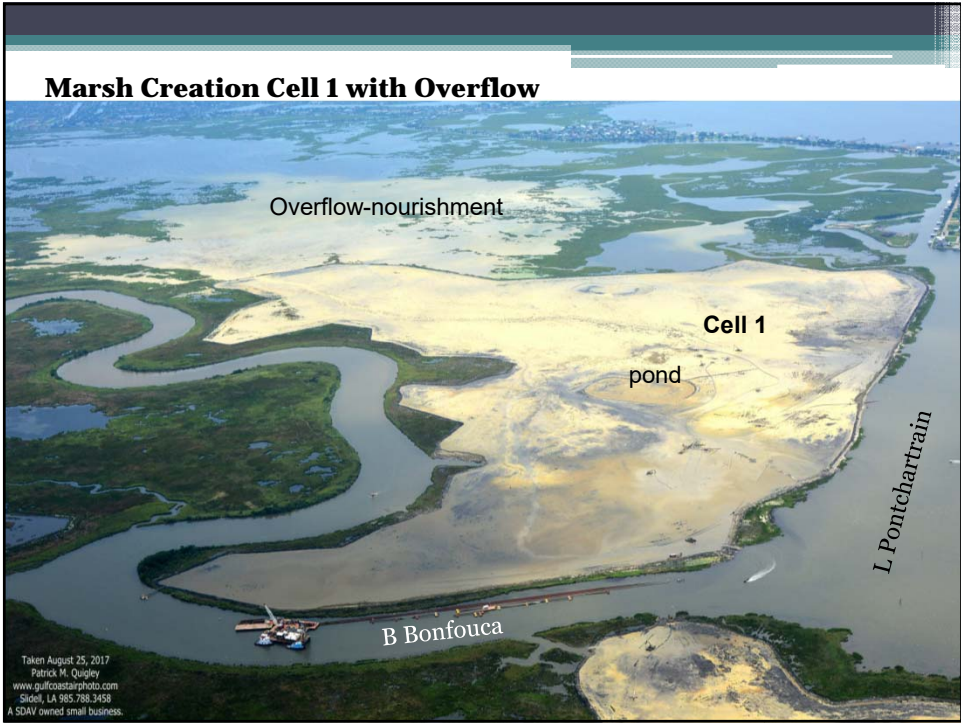
**Project Name:** Bayou Bonfouca Marsh Creation  
PO-104

**Location:** Big Branch NWR  
(North Shore Lake Pontchartrain)

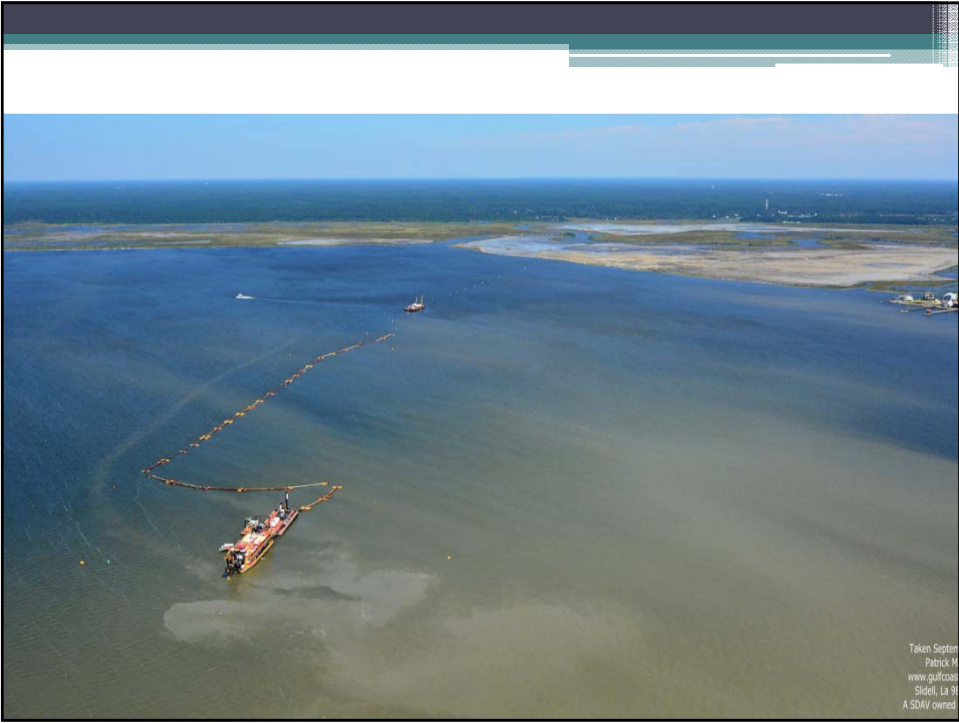
**Status:** Under Construction –  
Hydraulic dredging began 6/26/17  
(expected completion 01/20/2018)

**Expected Construction Cost:** \$25.2 M









CWPPRA


### Currently Under Construction

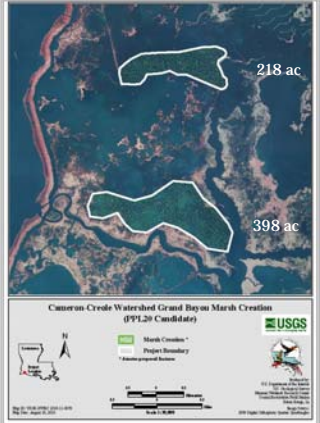
**Project Name:** Cameron-Creole Watershed – Grand Bayou Marsh Creation (CS-54)


**Location:** Cameron Prairie NWR & Private Lands along eastern shore of Calcasieu Lake  
Total 616 acres restored

**Status:** Notice to Proceed issued 9/13/2017,  
Dike Const. began 10/4/2017  
Hydraulic dredging to begin 11/2/17  
Expected completion 12/2018

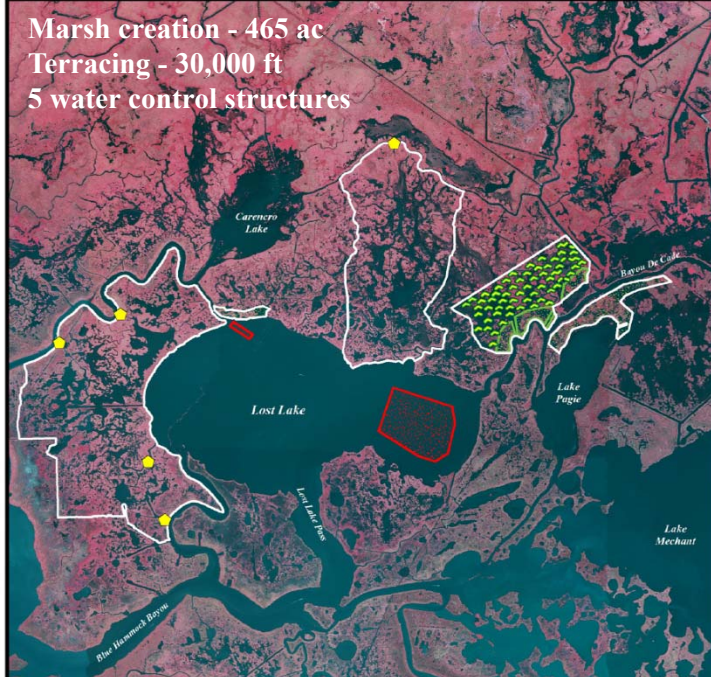
**Expected Construction Cost:** \$8.2 M (NOA)









**Marsh creation - 465 ac**  
**Terracing - 30,000 ft**  
**5 water control structures**



**Lost Lake Marsh Creation and Hydrologic Restoration (TE-72)**

- Water Control Structure \*
- Marsh Creation\*
- Terrace \*
- Borrow Site \*
- Project Boundary

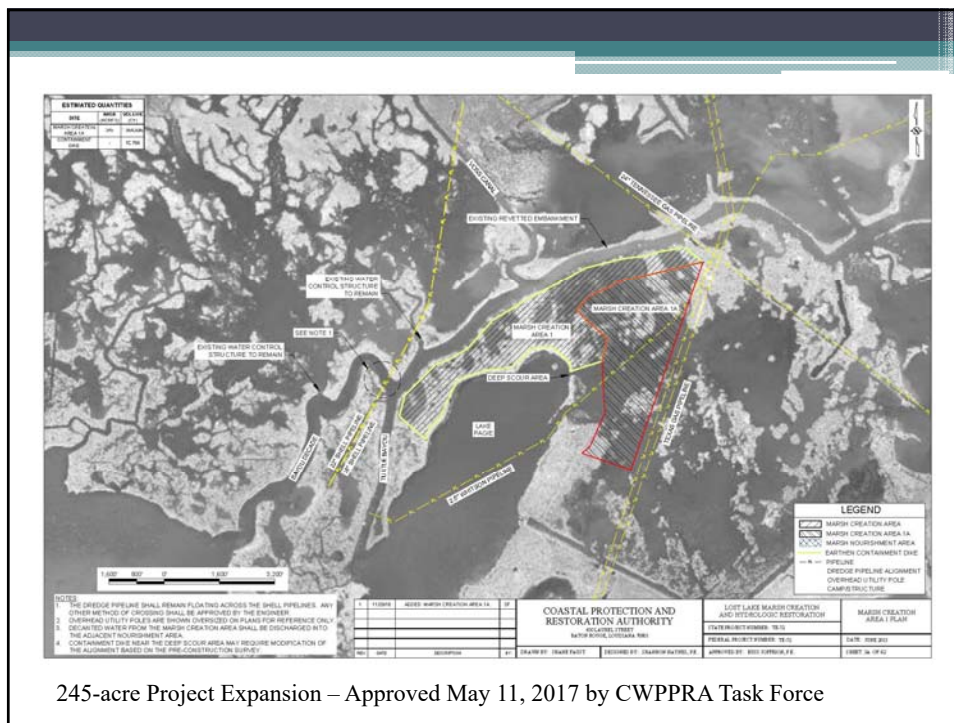
\*denotes proposed features

0.5 0 0.5 1  
Kilometers  
0.5 0 0.5  
Miles

Map Produced by:  
U.S. Department of the Interior  
U.S. Geological Survey  
Wetlands and Aquatic Research Center  
Coastal Restoration Assessment Branch  
Baton Rouge, LA

Background Imagery:  
2013 NAIP Photography  
Map Date: May 19, 2016  
Map ID: USGS-NWRC 2016-11-0023  
Data accurate as of: May 13, 2016



245-acre Project Expansion – Approved May 11, 2017 by CWPPRA Task Force

CWPPRA


Currently Under Construction

**Project Name:**  
TE-72 Lost Lake Marsh Creation and Hydrologic Restoration


**Location:**  
Western Terrebonne Basin

**Status:**  
 Containment Dikes Under Construction  
 Water Control Structures – 3 are complete  
 Small Dredge Expected to Begin in October  
 Large Dredge Expected to Begin in December  
 Project Completion Expected in July 2018


**Expected Construction Cost:**  
\$26,668,896 (base project and project addition)



Water Control Structure near Carencro Bayou



Small dredge marsh creation cell on northwest Lost Lake shoreline





NRCS

**CWPPRA**

Currently Under Construction


**Project Name:** Grand Lake Shoreline Protection – Tebo Point

**Location:** Cameron Parish

**Status:** Notice of Award -- September 8, 2016  
 Preconstruction Conference -- September 29, 2016  
 Notice To Proceed – December 9, 2016  
 Completed -- July 2017

**Feature:** 5,680 feet of foreshore rock dike


**Construction Cost:** ~\$4 Million



**CWPPRA**


Recently Completed Construction

**Project Name:** Grand Lake Shoreline Protection – Tebo Point



ME-216 GRAND LAKE SHORELINE PROTECTION CAMERON PARISH, LOUISIANA


TO BE BUILT UNDER THE COASTAL WETLANDS PLANNING, PROTECTION, AND RESTORATION ACT OF PUBLIC LAW 91-266 BY THE NATURAL RESOURCES CONSERVATION SERVICE OF THE UNITED STATES DEPARTMENT OF AGRICULTURE WITH THE ASSISTANCE OF THE COASTAL PROTECTION AND RESTORATION AUTHORITY OF LOUISIANA 2016




LOCATION IN LOUISIANA (CAMERON PARISH)

INDEX TO DRAWINGS

1. COVER SHEET/VICINITY MAP
2. LAND RIGHTS MAP
3. PLAN MAP INDEX
- 4.-9. PLAN MAP
- 10.-13. PROFILES
- 14.-15. CROSS SECTIONS
16. TYPICAL SECTIONS
17. TYPICAL DETAILS
18. SETTLEMENT PLATE DETAILS
19. PERMANENT MARKING SIGN DETAILS
20. LIGHT AND BUOY DETAILS
- 21.-22. COORDINATES
23. SOIL BORING LOGS







**CWPPRA**

**Recently Completed Construction**

**Project Name: Grand Lake Shoreline Protection - Tebo Point**





**CWPPRA**

**Construction Status**

**Project Name: LA-39 Coastwide Vegetative Plantings**

Priority List	Project Number	Project Name	Project Year	Site Name	Parish	Status	Planting Date	Plant Numbers by Species			Total	Contract Amount			
								Smooth Cordgrass	California Bulrush	Other					
20	LA-39	Coastwide Vegetative Plantings	1	Cameron Creole	Cameron	Completed	Spring 2013	49,340			49,340	\$ 379,037			
			1	South Lake Decade	Terrebonne	Completed	Fall 2012	27,590	5,740		33,330	\$ 112,349			
			1	Marsh Island	Iberia	Completed	Spring 2013	7,743	1,166	207	9,116	\$ 97,520			
			2	The Prairie	St. John	Completed	Spring 2014	525	13,040		13,565	\$ 98,498			
			2	West Little Lake	Lafourche	Completed	Fall 2014	900	9,670		10,570	\$ 73,190			
			3	The Jaws	St. Mary	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	Completed	Spring 2015		11,350		11,350	\$ 68,650			
			4	Green Island Bayou	Vermilion	Completed	Fall 2015		31,840		31,840	\$ 222,637			
			4	Point Aux Chenes	Terrebonne	Completed	Fall 2015		3,874		3,874	\$ 61,344			
			5	Rockefeller Terraces	Cameron	Completed	Spring 2016	13,450	12,150	32,300	57,900	\$ 205,100			
			2	Decade Area	Terrebonne	Completed	Fall 2016		8,556	2,118	10,674	\$ 90,524			
			5	South Bayou Decade	Terrebonne	Terminated	Spring 2017		1,700		1,700	\$ 9,377			
			6	West Little Lake #2	Lafourche	Completed	Spring 2017		15,360		15,360	\$ 171,280			
			6	Gentilly Unit	Orleans	Completed	Spring 2017		28,700		28,700	\$ 292,385			
						5	East Grand Terre Sabine Unit 1	Plaquemines	Completed	Summer 2017	8,695		58,450	67,145	\$ 214,623
						6	Overflow	Cameron	Completed	Fall 2017	30,260		3,474	4,425	\$ 58,955
			6	The Jaws #2	St. Mary	Construction	Fall 2017		951	3,474	4,425	\$ 46,409			
				<b>TOTAL</b>				<b>138,503</b>	<b>196,311</b>	<b>96,846</b>	<b>431,660</b>	<b>\$ 2,569,302</b>			




**CWPPRA**

## Construction Status

**Project Name: LA-39 Coastwide Vegetative Plantings**


Priority List	Project Number	Project Name	Project Year	Site Name	Parish	Status	Planting Date	Plant Numbers by Species				Contract Amount
								Smooth Cordgrass	California Bulrush	Other	Total	
20	LA-39	Coastwide Vegetative Plantings	6	Willow Lake #2	Cameron	Awarded	Spring 2018		9,450		9,450	\$ 84,587
			6	South Lake Decade #2	Terrebonne	Awarded	Spring 2018		16,590		16,590	\$ 150,000
			6	Belle Isle Lake	Vermilion	Advertised	Spring 2018		8,876	2,075	10,951	
			7	Big Branch Little Vermilion Bay #2	St. Tammany	E&D	Spring 2018					
			7	Bayou Perot	Vermilion	E&D	Fall 2018					
			7	Joyce WMA	Jefferson	E&D	Fall 2018					
			4	Northwest Little Lake	Tangipahoa	E&D	Winter 2019					
			3	Mud Lake	Lafourche	E&D	TBD					
					Cameron	E&D	TBD					

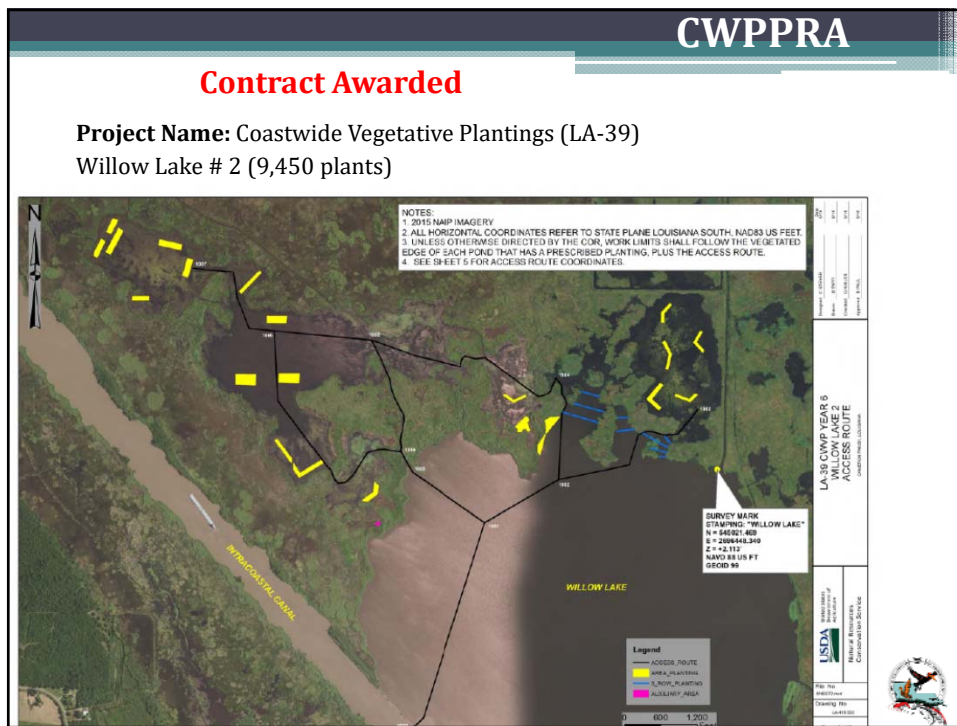
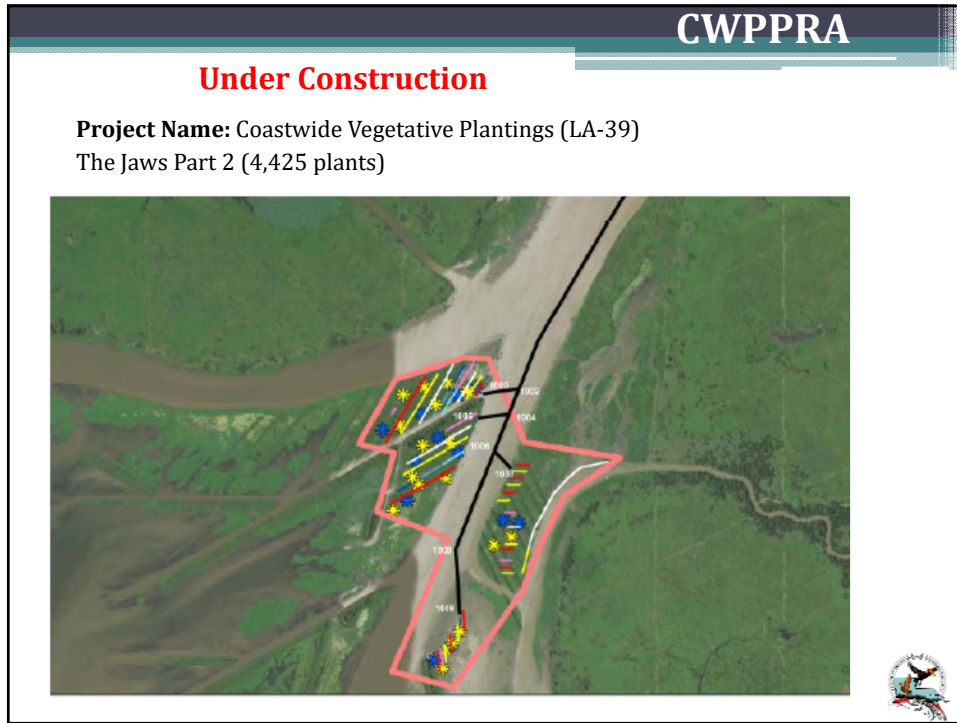


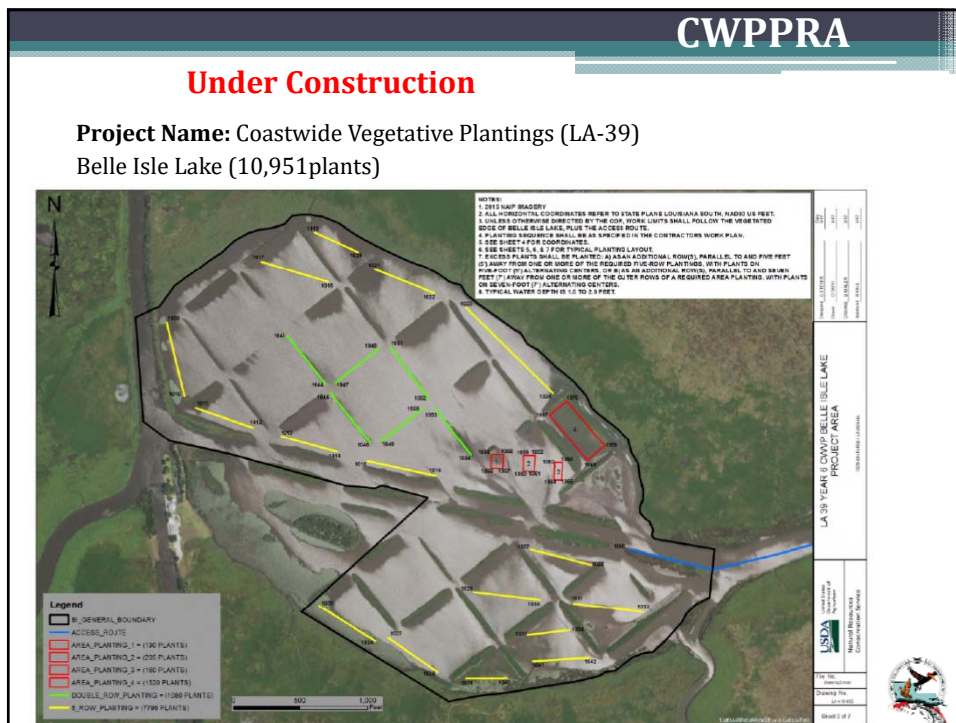
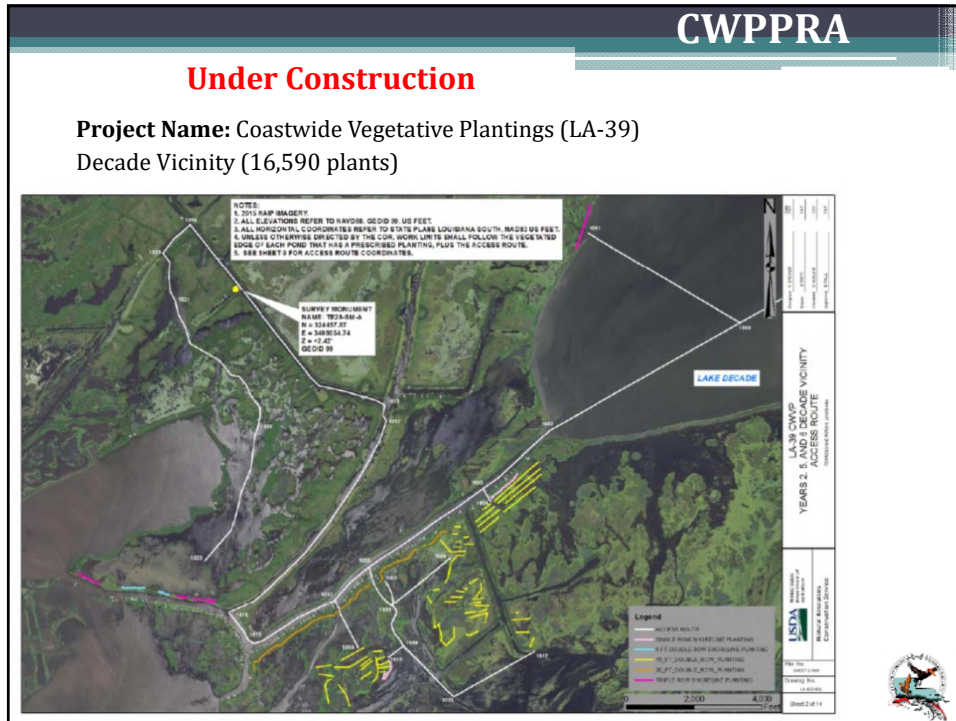
**CWPPRA**

## Completed

**Project Name: Coastwide Vegetative Plantings (LA-39)**  
Sabine Unit One Overflow (30,260 plants)







EPA



## Completed Construction



**Project Name:** Bayou Dupont Sediment Delivery - Marsh Creation #3 and Terracing (BA-164)

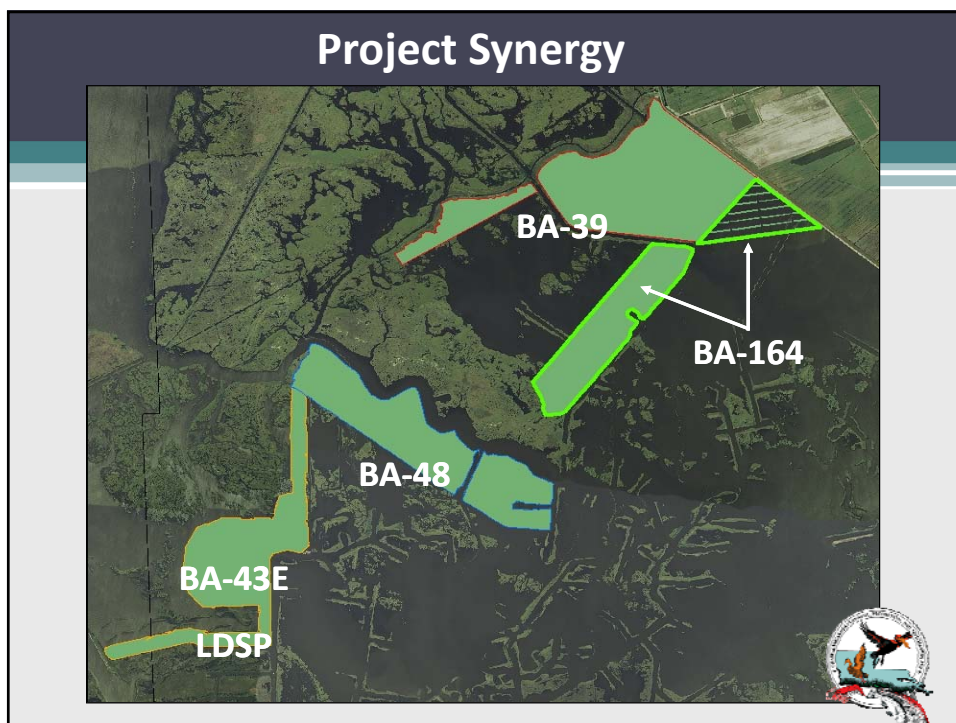
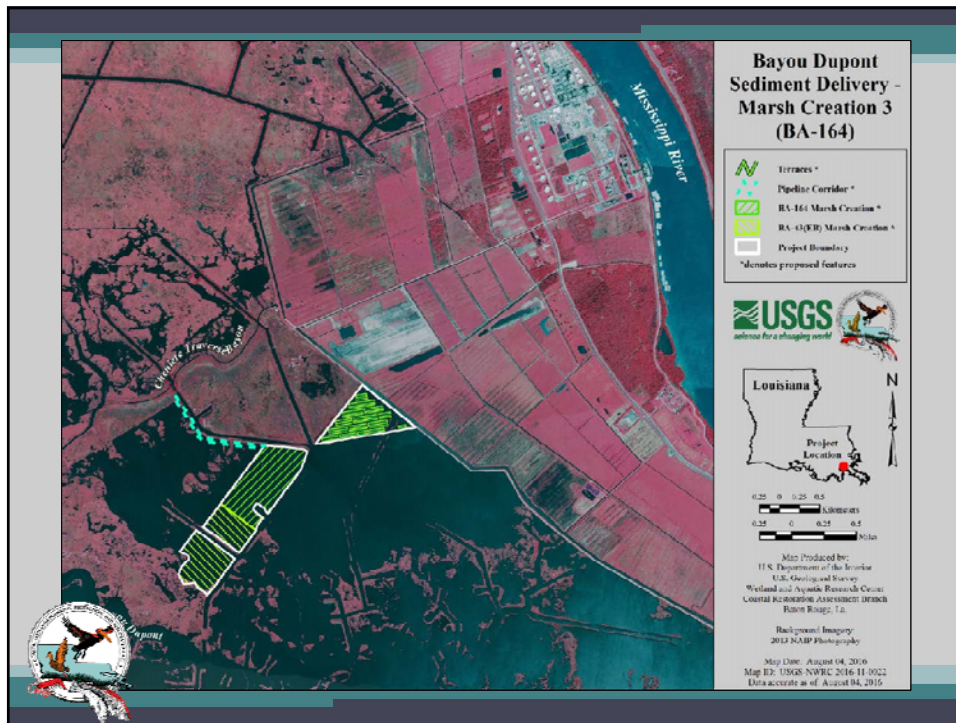
**Location:** Jefferson and Plaquemines Parishes

**Date Completed:** June 29, 2017

**Expected Construction Cost:** \$13.2 M

**Final Project Cost:** FFC = \$18.1 M







## Completion of Terraces



Taken July 30, 2017  
Patrick M. Quigley  
www.gulfcoastphoto.com  
Slidell, LA 985.788.3458  
A SDAV owned small business.

## CRCL Planting



Photos by CRCL



**Adrian Chavarria**  
EPA Region 6  
chavarria.adrian@epa.gov



NMFS

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**STATUS OF UNCONSTRUCTED PROJECTS**

**For Report:**

The P&E Subcommittee will report on the status of unconstructed CWPPRA projects. There were no projects that were considered for “critical watch.”



2017 SOUP - Status of Unconstructed Projects - PPL 1 - 22

Project No.	Project Name	Agency	PPL	Authorized Date/Phase I Approval	Construction/ Phase II Approval	30% Design Review Date*	95% Design Review Date*	Current Approved Economic Analysis Date (Budget Estimate on Books)	Construct Start*	Construct Complete*	Current Approved Budget	Current 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	> \$50 M	
BA-34-2	Hydrologic Restoration & Vegetative Planting in the des Allemands Swamp	EPA	10	10-Jan-01	22-Jan-16	23-Jul-15	31-Oct-15	23-Nov-15	1-Nov-17	1-Mar-18	\$7,886,704	\$5,220,448	\$2,301,487	\$2,647,849	\$1,353,838	\$1,583,560	\$5,585,247	\$3,213,197	\$7,886,704	X									
CS-54	Cameron-Creole Watershed Grand Bayou Marsh Creation	FWS	20	19-Jan-11	22-Jan-15	27-Mar-13	24-Oct-13	22-Jan-15	1-Sep-17	1-Dec-18	\$28,707,688	\$28,122,302	\$899,987	\$26,802,825	\$542,252	\$462,624	\$27,807,701	\$28,022,225	\$28,707,688	X									
BA-125	Northwest Turtle Bay Marsh Creation	FWS	21	19-Jan-12	12-Jan-17	27-Mar-14	27-Oct-16		1-Oct-18	1-Oct-19	\$33,664,671	\$32,607,095	\$905,760	\$31,381,201	\$1,075,984	\$301,726	\$32,758,911	\$32,721,576	\$33,664,671	X									
ME-18	Rockefeller Refuge Gulf Shoreline Stabilization	NMFS	10	10-Jan-01	22-Jan-16	15-May-14	29-Sep-14	21-Oct-15	1-Nov-17	1-Nov-19	\$34,330,522	\$33,337,316	\$1,795,053	\$31,312,870	\$615,045	\$607,554	\$32,535,469	\$6,946,733	\$34,330,522	X									
CS-66	Cameron Meadows Marsh Creation & Terracing	NMFS	22	24-Jan-13	12-Jan-17	13-Jul-15	25-Oct-16		21-May-19	24-Aug-20	\$38,499,571	\$37,503,664	\$2,393,689	\$33,322,384	\$877,810	\$1,905,689	\$36,105,883	\$6,218,044	\$38,499,571	X									
CS-49	Cameron-Creole Freshwater Introduction	NRCS	18	21-Jan-09	1-Jan-18	10-Dec-14	1-Oct-15		15-Sep-18	15-Feb-20	\$2,761,501	\$2,604,603	\$1,856,866	\$216,743	\$0	\$687,892	\$904,635	\$817,281	\$2,761,501	X									
PO-75	LaBranche East Marsh Creation	NRCS	19	20-Jan-10	1-Jan-19	15-Oct-17	15-Mar-18		15-Sep-19	15-Feb-21	\$2,571,273	\$2,571,273	\$2,239,885	\$331,388	\$0	\$0	\$331,388	\$283,205	\$32,323,291	X									
PO-133	LaBranche Central Marsh Creation	NRCS	21	19-Jan-12	1-Jan-19	15-Oct-17	15-Mar-18		15-Sep-19	15-Feb-21	\$3,885,298	\$3,885,298	\$1,632,356	\$2,252,942	\$0	\$0	\$2,252,942	\$251,497	\$42,159,208	X									
BS-24	Terracing & Marsh Creation South of Big Mar	FWS	22	24-Jan-13		7-Jul-16	27-Oct-16				\$2,308,599	\$2,308,599	\$1,230,158	\$1,078,441	\$0	\$0	\$1,078,441	\$924,329	\$23,692,705		X								
ME-20	South Grand Chenier Marsh Creation	FWS	11	16-Jan-02	22-Jan-14	6-Aug-09	3-Nov-09	16-Jan-14	1-May-18	1-May-19	\$22,623,346	\$22,282,940	\$2,181,660	\$19,386,923	\$173,720	\$881,043	\$20,441,686	\$1,722,170	\$22,623,346			X							
TV-63	Cole's Bayou Marsh Restoration	NMFS	21	19-Jan-12	22-Jan-16	15-Jul-15	8-Oct-15	12-Nov-15	1-Apr-18	31-Mar-19	\$25,635,641	\$24,169,491	\$2,087,334	\$21,593,094	\$910,880	\$1,044,333	\$23,548,307	\$4,259,381	\$25,635,641			X							
ME-31	Freshwater Bayou Marsh Creation	NRCS	19	20-Jan-10	1-Jan-19	15-Jun-18	15-Sep-18		15-Sep-19	15-Feb-21	\$2,425,997	\$2,425,997	\$1,469,763	\$956,234	\$0	\$0	\$956,234	\$283,495	\$25,523,755			X							
TE-112	North Catfish Lake Marsh Creation	NRCS	22	24-Jan-13	1-Jan-20	15-Oct-18	15-Jul-19		15-Sep-20	15-Feb-22	\$3,216,194	\$3,216,194	\$659,438	\$2,556,756	\$0	\$0	\$2,556,756	\$627,561	\$30,385,887			X							
TV-11b	Freshwater Bayou Bank Stab - Belle Isle Canal to Lock	COE	9	11-Jan-00		17-Jun-02	22-Jan-04	11-Jan-00			\$1,498,967	\$1,498,967	\$1,101,738	\$283,328	\$113,901	\$0	\$397,229	\$397,229	\$35,634,067								Jun-13		
TE-47	Ship Shoal: Whiskey West Flank Restoration	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	\$3,742,053	\$2,298,822	\$1,427,246	\$15,985	\$0	\$1,443,231	\$1,443,231	\$67,562,826								Jan-14		
MR-15	Venice Ponds Marsh Creation & Crevasses	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	\$1,074,522	\$634,027	\$440,495	\$0	\$0	\$440,495	\$440,495	\$22,156,292								Jan-14		
PO-34	Alligator Bend Marsh Restoration and Shoreline Protection	NRCS	16	18-Oct-06	23-Jan-13	18-Aug-11	16-Nov-11	12-Nov-13			\$1,660,985	\$1,660,985	\$1,364,230	\$296,755	\$0	\$0	\$296,755	\$296,755	\$40,326,244								Oct-14		
TE-51	Madison Bay Marsh Creation and Terracing	NMFS	16	18-Oct-06		23-Jul-13	24-Oct-13	18-Oct-06			\$3,002,171	\$3,002,171	\$1,731,039	\$1,271,132	\$0	\$0	\$1,271,132	\$1,218,691	\$38,798,788								Oct-15		
TE-32a	North Lake Boudreaux Basin Freshwater Intro and Hydro Mgt	FWS	6	NA	28-Oct-10	4-Aug-09	29-Jun-10	28-Oct-10	1-Apr-18	1-May-19	\$25,766,765	\$20,048,152	\$3,649,461	\$15,605,936	\$1,189,728	\$5,321,640	\$22,117,304	\$22,116,613	\$25,766,765								Oct-16		

\*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)

Agency Key:

FWS
NMFS
EPA
COE
NRCS
Inactive Projects

	Current Approved Budget	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	\$177,239,173	\$170,443,538	\$17,436,902	\$148,733,565	\$4,638,648	\$6,430,088	\$159,802,302	\$81,120,255	\$266,649,207
Waiting on Phase II \$	\$25,635,641	\$24,169,491	\$2,087,334	\$21,593,094	\$910,880	\$1,044,333	\$23,548,307	\$4,259,381	\$25,635,641
Project Issue Delays	\$5,642,191	\$5,642,191	\$2,129,201	\$3,512,990	\$0	\$0	\$3,512,990	\$911,056	\$55,909,642
Program Issue Delays									
Rec. Transfer									
Rec. Deauthorization									
Inactivated	\$36,745,463	\$31,026,850	\$10,779,318	\$19,324,891	\$1,319,615	\$5,321,640	\$25,966,145.34	\$25,913,014	\$230,244,982
Over \$50 million									

### Projects On Schedule

Project Name	Project No.	Agency	PPL	Project Status & Critical Milestone(s)	Current Phase
Hydrologic Restoration and Vegetative Planting in the des Allemands Swamp	BA-34-2	EPA	10	The 30% design meeting was held on July 23, 2015 and the 95% design meeting was held on October 28, 2015. The project was approved for Phase II funding in January 2016. A pre-bid meeting date is tentatively set for July 18, 2017 and construction is anticipated to begin in November 2017.	II
Cameron-Creole Watershed Grand Bayou Marsh Creation	CS-54	FWS	20	Bid opening is expected in June 2017 with construction expected to start in September 2017.	II
Northwest Turtle Bay Marsh Creation	BA-125	FWS	21	Final plans/specs and bid documents are in preparation. An application has been submitted for a Section 404 CWA permit. Due to the length of time expected for the Section 404 permit, bid advertisement is not expected until July 2018.	II
Rockefeller Refuge Gulf Shoreline Stabilization	ME-18	NMFS	10	Final design complete. Bid advertisement on May 25, 2017.	II
Cameron Meadows Marsh Creation and Restoration	CS-66	NMFS	22	Ongoing efforts to finalize base and additive alternatives, stakeholder coordination (e.g. dewatering plan, dredge pipe ramp design), landrights, and permitting (wetland and DOTD)	II
Cameron-Creole Freshwater Introduction	CS-49	NRCS	18	Revised design report, revised plans, revised cost estimate, and responses to comments being reviewed by EngWG and EnvWG. Phase II request to re-submitted in 2017	I
LaBranche East Marsh Creation	PO-75	NRCS	19	Design is back in progress with no restrictions or issues. 30% Design Review anticipated in 2017, 95% Design Reviews anticipated in 2018, Phase II approval request anticipated in 2018.	I
LaBranche Central Marsh Creation	PO-133	NRCS	21	Ongoing discussion with railroad representatives regarding ROW issues. . 30% Design Review anticipated in 2017, 95% Design Reviews anticipated in 2018, Phase II approval request anticipated in 2018.	I

**Status Review - Unconstructed CWPPRA Projects**  
**June 16, 2017**

**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:** January 2016

**6. Approved Total Budget:** \$7,886,704

**7. Fully Funded Cost Estimate:** \$7,886,704

**8. Expenditures:** \$2,301,487

**9. Unexpended Funds:** \$5,585,247

**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)

As a result of Phase 1 activities, the features originally approved in Phase 0 have been modified to present a more cost effective and constructible project for consideration of Phase II funding. Tree plantings have been reduced from the whole project area and will only be planted in the spoil placement areas. Culverts were included in the Phase 0 scope; however, St. James Parish installed 8 culverts under Board Road in 2013 with Parish CIAP funding making the installation of additional culverts unnecessary. It must be noted that the culverts were not included in the modeling efforts.

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

Modeling for the project has been completed and incorporates new elevation survey data for the interior of the project area. Three scenarios have been evaluated to determine the preferred alternative to reduce impoundment levels within the swamp. Topographic data has been collected for eleven possible gap locations along the northern spoil bank of Bayou Chevreuil. In addition to topographic and magnetometer surveys, a field survey was conducted to count all mature Bald Cypress and Tupelo trees located within the proposed gap survey areas.

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

The 30% design meeting was held on July 23, 2015 and the 95% design meeting was held on October 28, 2015. The project was approved for Phase II funding in January 2016. A pre-bid meeting date is tentatively set for July 18, 2017 and construction is anticipated to begin in November 2017.

**14. Projected schedule:**

- Revised WVA: December 2012
- Revised Phase 0 Level Cost Estimate: December 2012
- Scope Change Request: April 2013
- 30% Design Review: July 2015
- 95% Design Review: October 2015
- Design Completion: November 2015
- Phase 2 Approval: January 2016
- Construction Start: November 2017

**15. Preparer:** Adrian Chavarria (214-665-3103); [chavarria.adrian@epa.gov](mailto:chavarria.adrian@epa.gov)

**Status Review - Unconstructed CWPPRA Projects  
June 15, 2017**

- 1. Project Name (and number):** Cameron Creole Watershed Grand Bayou Marsh Creation Project (CS-54)
- 2. SOUP Category:** On Schedule
- 3. PPL:** 20
- 4. Federal Agency:** FWS
- 5. Date of Construction Approval / Phase Two Approval:** January 2015
- 6. Approved Total Budget:** \$28,707,688
- 7. Fully-Funded Cost:** \$28,707,688
- 8. Expenditures:** \$899,987
- 9. Unexpended Funds:** \$27,807,701
- 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 2011	Phase I Approval
January 2015	Phase II Approval
May 2015	Coastal Zone Consistency Approved
July 2015	CWA Section 404 Permit received
September 2015	Signed Landrights Agreement
May 2017	Bid Advertisement
June 2017	Bid Opening

Issues affecting implementation: None at this time.

- 13. Current status/remaining issues:**  
Bid opening is scheduled for June 28, 2017.

- 14. Projected schedule:**  
Notice to Proceed expected for July 2017  
Construction initiated in September 2017

- 15. Preparer:** Angela Trahan, FWS (337-291-3137) Angela\_Trahan@fws.gov

**Status Review - Unconstructed CWPPRA Projects  
June 12, 2017**

- 1. Project Name (and number):** Northwest Turtle Bay Marsh Creation (BA-125)
- 2. SOUP Category:** On Schedule
- 3. PPL:** 21
- 4. Federal Agency:** USFWS
- 5. Date of Construction Approval / Phase Two Approval:** January 12, 2017
- 6. Approved Total Budget:** \$33,664,671
- 7. Fully-Funded Cost:** \$33,664,671
- 8. Expenditures:** \$905,760
- 9. Unexpended Funds:** \$32,758,911
- 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 2012	Phase 1 approval
March 2014	30% review
July 2014	Transfer from NRCS to FWS
May 2015-April 2016	Additional surveys and geotech in revised project boundary
October 2016	95% design review
January 2017	Phase 2 Approval
- 13. Current status/remaining issues:**

Final plans/specifications and bid documents are in preparation. An application for a Section 404 permit has been submitted. Due to the length of time anticipated for the Section 404 permit, bid advertisement is not expected until July 2018.
- 14. Projected schedule:**

January 2018	Bid Advertisement
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- 15. Preparer:** Kevin Roy, USFWS (337-291-3120) Kevin\_Roy@fws.gov

**Status Review - Unconstructed CWPPRA Projects  
May 2017**

- 1. Project Name (and number):** Rockefeller Refuge Gulf Shoreline Stabilization (ME-18)
- 2. SOUP Category:** On Schedule
- 3. PPL:** 10
- 4. Federal Agency:** NMFS
- 5. Date of Construction Approval / Phase Two Approval:** January 2016
- 6. Approved Total Budget:** \$34,330,522
- 7. Fully Funded Estimate:** \$34,330,522
- 8. Expenditures:** \$1,795,053
- 9. Unexpended Funds:** \$32,535,469
- 10. Estimate of anticipated funding increases, including O&M:** NA
- 11. Potential changes to project benefits:** 327 net acres at year 20
- 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.
  - May 15, 2014 – 30% Design Review
  - September 29, 2014 – 95% Design Review
  - October 2014 – Phase 2 Submission
  - January 22, 2016 – Received Phase 2 Support
  - May 25, 2017 – Construction Bid Advertisement
- 12. Current status/remaining issues:** June 13, 2017 – Mandatory Pre-bid Meeting
- 13. Projected schedule and milestones:** Bid Opening June 28, 2017. NTP Estimated July 2017. Construction Estimated Start November 2017.
- 13. Preparer:** Donna R. Rogers, Ph.D., NOAA Restoration Center, [donna.rogers@noaa.gov](mailto:donna.rogers@noaa.gov)  
*Revised May 2017 (DRR)*

**Status Review - Unconstructed CWPPRA Projects  
June 2017**

**1. Project Name (and number):** Cameron Meadows Marsh Creation and Restoration (CS-66)

**2. SOUP Category:** On Schedule

**3. PPL:** 22

**4. Federal Agency:** NMFS

**5. Date of Construction Approval / Phase Two Approval:** January 2017

**6. Approved Total Budget:** \$38,499,571

**7. Fully Funded Estimate:** \$38,499,571

**8. Expenditures:** \$2,393,689

**9. Unexpended Funds:** \$36,105,883

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

**11. Potential changes to project benefits:** None; authorized amount 326 net acres

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

- 2012, PPL22 candidate
- July 2015, 30% Design Meeting
- October 2016, 95% Design Meeting
- January 2017, Phase 2 approved
- April 2017, submitted no cost time extension for Phase 1 grant
- April 2017, submitted application for the Phase 2 grant
- April 2017, initiated coordination with DOTD on DOTD permit
- April 2017, Notice to Proceed issued for land rights contract to update title report and update pipeline/mineral utility report
- Spring and Summer 2017, ongoing coordination with adjacent land owners regarding dewatering plan and design of the dredge pipeline corridor to avoid impacts to access and operations
- May 2017, due to concerns with dewatering drainage, land owner requested the unconfined nourishment area be eliminated and enlarge confined disposal in lieu of part or all of the terrace field; no impacts to net benefits are expected
- June 2017, government refined base and additive alternates
- June 2017, dewatering plan developed by the sponsors to present to the land owner then adjacent land owners

**12. Current status/remaining issues:** ongoing efforts to finalize dredge pipe ramp designs, base and additive alternates, stakeholder coordination, landrights, Consistency and 10/404 permit application, and DOTD permit

**13. Projected schedule and milestones:** July 2017, meeting with landowner; August 2017, Phase 2 grant award; August 2017, deliverables from landrights contract; Fall/winter 2017, permit application; Fall/winter 2017, stakeholder meeting; January 2019, landrights completion memo; June 2019, final plans and specifications; 2019 – 2020 construction

**13. Preparer:** Patrick Williams (NMFS); (225)389-0508, ext 208; [patrick.williams@noaa.gov](mailto:patrick.williams@noaa.gov)  
*Revised June 2017 (PRW)*

**Status Review - Unconstructed CWPPRA Projects  
June 8, 2017**

- 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:** \$2,761,501
- 7. Fully Funded Cost Estimate:** \$2,761,501
- 8. Expenditures:** \$1,856,866
- 9. Unexpended Funds:** \$904,635
- 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:**

- |             |  |
|-------------|--|
| 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.   |
| 2015        | The 30 percent design meeting was held on December 10, 2014 and the 95 percent design meeting was held in October 2015. Phase II funding request was made December 2015. Technical Committee did not recommend Phase II approval.  |
| 2016        | Task Force did not approve Phase II in January 2016.   |

2017 NRCS has submitted revised Design Report, revised plans, revised cost estimate, and responses to comments to EngWG / EnvWG for review. Project will be re-submitted for Phase II approval in December 2017.

**12. Current milestones/remaining issues:**

Design Report, revised plans, revised cost estimate, and responses to comments are being reviewed by EngWG / EnvWG.

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

Project will be re-submitted for Phase II approval in December 2017.

**14. Projected schedule:**

If Phase II is approved, advertise construction contract in Spring 2018.

**15. Preparer:** Updated (6/17/14): Troy Mallach, NRCS, (337) 291-3064, John Jurgensen, NRCS, (318) 473-7694  
Updated (6/22/15): John Jurgensen, NRCS, (318) 473-7694  
Updated (6/15/2016); (6/8/2017): Quin Kinler, NRCS (225) 665-4253 ext 110

**Status Review - Unconstructed CWPPRA Projects  
June 9, 2017**

- 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:** \$2,239,885
- 9. Unexpended Funds:** \$331,388
- 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.
2015-2016	Continued observation and re-survey of pilot project settlement.
2017	Geotechnical re-evaluation based on results of pilot study yielded determination that project is constructible. Project Team is actively pursuing design.
- 13. Current status/remaining issues:** 30% Design Review anticipated in 2017; 95% Design Review anticipated in 2018; Phase II request in December 2018
- 14. Projected schedule:** Request Phase II funding in December 2018.
- 15. Preparer:** Updated (6/18/14): John Jurgensen, NRCS (318) 473-7694

Updated (6/19/15): John Jurgensen, NRCS (318) 473-7694

Updated (6/15/2016) (6/9/17): Quin Kinler, NRCS (225) 665-4253 ext 110

**Status Review - Unconstructed CWPPRA Projects  
June 9, 2017**

- 1. Project Name (and number):** LaBranche Central Marsh Creation Project (PO-133)
- 2. SOUP Category:** On Schedule
- 3. PPL:** 21
- 4. Federal Agency:** NRCS
- 5. Date of Construction Approval / Phase Two Approval:** n/a
- 6. Approved Total Budget:** \$3,885,298
- 7. Fully Funded Cost Estimate:** \$42,159,208
- 8. Expenditures:** \$1,632,356
- 9. Unexpended Funds:** \$2,252,942
- 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:**

2012	Approved (Phase I)
2012 – 2014	Planning and Design began in July 2012 after CSA signed. Design Surveys completed October 2012. Magnetometer Survey Report completed June 2013. Geotechnical Investigation completed in April 2014.
2015-2016	Continued observation and re-survey of PO-75 pilot project settlement for potential application to PO-133.
2017	Geotechnical re-evaluation based on results of pilot study yielded determination that project is constructible. Project Team is actively pursuing design.
- 13. Current status/remaining issues:** 30% Design Review anticipated in 2017; 95% Design Review anticipated in 2018; Phase II request in December 2018.
- 14. Projected schedule:** Request Phase II funding in December 2018.
- 15. Preparer:** (6/15/2016) (6/8/2017): Quin Kinler, NRCS (225) 665-4253 ext 110

**Projects Waiting on Phase II Funding**

Project Name	Project No.	Agency	PPL	Near-term Milestones	# of Phase II Requests	Current Phase
Terracing and Marsh Creation South of Big Mar	BS-24	FWS	22	Design is complete. Will compete for Phase II funds in December 2017.	1	I

**Status Review - Unconstructed CWPPRA Projects  
May 24, 2017**

**1. Project Name (and number):** Terracing and Marsh Creation South of Big Mar

**2. SOUP Category:** Waiting on Phase II funds

**3. PPL:** 22

**4. Federal Agency:** FWS

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

**6. Approved Total Budget:** \$2,308,599

**7. Fully-Funded Cost:** \$23,692,705

**8. Expenditures:** \$1,230,158

**9. Unexpended Funds:** \$1,078,441

**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 I Approval
August 2016	30% Design Approval
October 2016	95% Design Approval

Issues affecting implementation: None at this time.

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

Design complete. Will compete for Phase 2 funds in December 2017.

**14. Projected schedule:**

Will compete for Phase 2 funds in December 2017.

**15. Preparer:** Angela Trahan, FWS (337-291-3137) Angela\_Trahan@fws.gov

**Projects Delayed by Project Delivery Team Issues**

Project Name	Project No.	Agency	PPL	Project Issue Delays	Project Status & Critical Milestone(s)	Current Phase
South Grand Chenier Marsh Creation	ME-20	FWS	11	Bids received were over budget	One bid was received at April 2017 bid opening and was \$8M over budget. The bid was rejected and the project will be re-advertised in Nov-Dec 2017.	II
Cole's Bayou Marsh Creation and Nourishment	TV-63	NMFS	21	design comment resolution	award of Phase 2 grant February 2017; drafting 100% plans and specifications for detailed review and specific design commenting and resolution; bid advertisement projected Fall/Winter 2017	II
Freshwater Bayou Marsh Creation	ME-31	NRCS	19	PPL 19 project pursuing bathymetric survey, magnetometer survey, and geotechnical investigation.	Pursuing bathymetric survey, magnetometer survey, and geotechnical investigation. 30% and 95% Design Reviews and Phase II approval request anticipated in 2018.	I
North Catfish Lake Marsh Creation	TE-112	NRCS	22	PPL 22 project data collection to be completed in 2018	Data collection to be completed in 2018. 30% and 95% Design Reviews anticipated in 2019.	I

**Status Review - Unconstructed CWPPRA Projects  
June 15, 2017**

**1. Project Name (and number):** South Grand Chenier Marsh Creation (ME-20)

**2. SOUP Category:** Project Issue Delays

**3. PPL:** 11

**4. Federal Agency:** USFWS

**5. Date of Construction Approval / Phase Two Approval:** January 2014

**6. Approved Total Budget (Current):** \$22,623,346

**7. Fully-Funded Cost:** \$22,623,346

**8. Expenditures:** \$2,181,660

**9. Unexpended Funds:** \$20,441,686

**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
6/2015	Permit Modification Received 6-16-2015
9/2015	Revised Plans to PMT
4/2016	Semi-Final Design PMT Review Meeting
4/6/2017	Unsuccessful bid opening. One over budget bid rejected.

Issues affecting implementation: Successful bid process.

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

The project will be re-advertised, probably in November-December 2017, after the permit is modified.

**14. Projected schedule:**

10/2017	Permit Modification to provide easier equipment/pipeline access
11-12/2017	Second Construction Bid Advertisement
1/2018	Construction Bid Opening
5/2018	Begin construction

**15. Preparer:** Darryl Clark, USFWS (337-291-3111)

dc 5-16-2017

**Status Review - Unconstructed CWPPRA Projects**  
**June 2017**

- 1. Project Name (and number):** Cole's Bayou Marsh Restoration (TV-63)
- 2. SOUP Category:** Project Issues Delay
- 3. PPL:** 21
- 4. Federal Agency:** NMFS
- 5. Date of Construction Approval / Phase Two Approval:** January 2016
- 6. Approved Total Budget:** \$25,635,641
- 7. Fully Funded Estimate:** \$25,635,641
- 8. Expenditures:** \$2,087,334
- 9. Unexpended Funds:** \$23,548,307
- 10. Estimate of anticipated funding increases, including O&M:** NA
- 11. Potential changes to project benefits:** None
- 12. Brief chronology of project development and issues affecting implementation:**
  - January 2012 – Phase 1 Approval
  - January 16, 2013 – Cooperative agreement for Phase 1 executed
  - May 15, 2015 – 30% Design review
  - October 8, 2015 – 95% Design review
  - November 20, 2015 – Phase 2 Submission
  - January 2016 – Phase 2 Approval
  - March/April 2016 – Final Environmental Assessment and signed Finding of No Significant Impact
  - April 2016 – 10/404 permit and Consistency Determination issued
  - December 2016 – Servitude and easements acquired with landowner (McIlhenny); recording is imminent
  - February 2017 – Phase 2 grant award
  - March 2017 – grant award amended to revise Special Award Conditions
  - October 2016, March, April, May 2017 – meetings to resolve general comments by sponsors on design (culverts, dike armoring, potential additive alternate for marsh creation)
  - May 2017 – general design comments resolved
- 13. Current status/remaining issues:** draft 100% plans and specifications are being prepared for project delivery team review and subsequently engineering management review to identify and resolve specific design comments. A meeting to brief the landowner on the final design will be scheduled.
- 14. Projected schedule and milestones:** August 2017 complete 100% design; Fall 2017 brief landowner on 100% design; Fall/Winter 2017 bid advertisement
- 15. Preparer:** [Patrick Williams, NOAA Fisheries, patrick.williams@noaa.gov](mailto:patrick.williams@noaa.gov)

**Status Review - Unconstructed CWPPRA Projects  
June 8, 2017**

- 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:** \$1,469,763
- 9. Unexpended Funds:** \$956,234
- 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 28 <sup>th</sup> , 2014 and implementation of testing is expected to begin this summer/fall.
2015	Contaminant investigation completed. No further issues pending. Design has resumed.
2016	Cultural resources clearance completed; supplemental design surveys, including that needed to adjust project due to construction work by Dusks Unlimited; pipeline coordination.
2017	Marsh creation cells reconfigure due to pipelines and DU construction work; draft Scopes of work for bathymetric surveys, magnetometer survey, and geotechnical investigation.

**13. Current milestones/remaining issues:**

No pending issues, 30% and 95% Design Reviews anticipated in 2018.

**14. Projected schedule:**

Request Phase II funding in December 2018.

**15. Preparer:** Updated (6/17/14): Troy Mallach, NRCS, (337) 291-3064, John Jurgensen, NRCS, (318) 473-7694

Updated (6/22/15): John Jurgensen, NRCS, (318) 473-7694

Updated (6/15/2016); (6/8/15): Quin Kinler, NRCS (225) 665-4253 ext 110

**Status Review - Unconstructed CWPPRA Projects  
June 26, 2017**

- 1. Project Name:** North Catfish Lake marsh Creation Project (TE-112)
- 2. SOUP Category:** On Schedule
- 3. PPL:** 22
- 4. Federal Agency:** NRCS
- 5. Date of Construction Approval / Phase Two Approval:** January 2020
- 6. Approved Total Budget:** \$3,216,194
- 7. Fully Funded Cost Estimate:** \$30,385, 887
- 8. Expenditures:** \$659,438
- 9. Unexpended Funds:** \$2,556,756
- 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:**  
2013 – 2017      The project was approved for Phase I funding at the January 2013 Task Force meeting. NRCS has coordinated with LDWF and pipeline companies and completed a magnetometer survey of Catfish Lake to identify borrow site location and access route(s) that would minimize conflicts with oyster leases and pipelines. NRCS established a secondary monument to provide survey control for the project area. NRCS has prepared a Scope of Services for Engineering Services to complete the data collection and design of the project. Plan to have an agreement in place by August 2017 to conduct Engineering Services.
- 13. Current milestones/remaining issues:**  
Data collection to be completed in 2018. 30% and 95% Design Reviews anticipated in 2019.
- 14. Projected schedule:**  
Request Phase II funding in December 2019.
- 15. Preparer:** Quin Kinler, NRCS (225) 665-4253 ext 110

## Inactive Projects

Project Name	Project No.	Agency	PL	# of Phase II Requests	Project Status & Critical Milestone(s)	Current Phase
Freshwater Bayou Bank Stab - Belle Isle Canal to Lock	TV-11b	COE	9		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.	I
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 inactivate this project at the Jan 2014 meeting due to the project having gone through a 95% design review.	I
Venice Ponds Marsh Creation & Crevasses	MR-15	EPA	15	3	The Task Force voted to inactivate this project at the Jan 2014 meeting due to the project having gone through a 95% design review.	I
Madison Bay Marsh Creation & Terracing	TE-51	NMFS	16	2	Project did not receive funding at January 2014 and January 2015 Task Force meetings. The Task Force voted to inactivate the project at the October 2015 meeting.	I
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. The Task Force voted to inactivate this project at the October 2014 meeting.	I
North Lake Boudreaux Basin Freshwater Intro and Hydro Mgt	TE-32a	FWS	6		Several regulatory issues remain and still need to be resolved. It is estimated that a 404 permit could be issued by August 2017. Landrights for the conveyance channel were voided and could not be obtained by Terrebonne Parish. To pursue an alternate conveyance channel alignment, additional expenditures for engineering, construction, and landrights would be needed. An increase in the project cost must be approved by the Task Force. Project was inactivated in October 2016.	II

## 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	Construction Completed June 2013.
Barataria Barrier Shoreline, Pelican Island to Chalant Pass (CU2)	BA-38	NMFS	11	2011	Construction completed December 2012.
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 completed May 2015.
Barataria Basin Landbridge, Phase 3 CU #7	BA-27c	NRCS	9	2012	Construction Complete.
Barataria Basin Landbridge, Phase 3 CU #8	BA-27c	NRCS	9	2012	Construction Complete.
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	Constructed 2014
Sediment Containment for Marsh Creation Demonstration	LA-09	NRCS	17	2013	Constructed
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	Constructed 2015
Grand Liard Marsh and Ridge Restoration	BA-68	NMFS	18	2014	Constructed 2015
Southwest LA Gulf Shoreline Nourishment and Protection	ME-24	COE	16	2015	Project was transferred out of the CWPPRA Program to Chenier Plain in Jan 2015
West Pointe a la Hache Outfall Management	BA-04c	NRCS	3	2015	Project was deauthorized in Jan 2015.

South Lake Lery Shoreline & Marsh Restoration	BS-16	FWS	17	2015	In construction
Sabine Refuge Marsh Creation, Cycles 4 & 5	CS-28-4&5	FWS	8	2015	Constructed 2015
West Pointe a la Hache Marsh Creation	BA-47	NRCS	17	2015	Project is completing final deauthorization procedures, expected to be deauthorized in May 2015.
Cheniere Ronquille Barrier Island Restoration	BA-76	NMFS	19	2015	Project is completing final deauthorization procedures, expected to be deauthorized in May 2015.
Kelso Bayou Marsh Creation	CS-53	NRCS	20	2016	Project was transferred in May 2016.
Terrebonne Bay Marsh Creation	TE-83	FWS	20	2017	Project was deauthorized January 2017
Central Terrebonne Freshwater Enhancement	TE-66	NRCS	18	2017	Project was transferred in January 2017
Bayou Dupont Sediment Delivery - Marsh Creation #3 and Terracing	BA-164	EPA	22	2017	In construction
Bayou Bonfouca Marsh Creation	PO-104	FWS	20	2017	In construction
Oyster Bayou Marsh Restoration	CS-59	NMFS	21	2017	In construction
Lost Lake Marsh Creation and Hydrologic Restoration	TE-72	FWS	19	2017	In construction
Grand Lake Shoreline Protection, Tebo Point & O&M Only [CIAP]	ME-21	NRCS	11	2017	In construction



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**LAND AREA CHANGE IN COASTAL LOUISIANA (1932-2016)**

**For Report:**

Brady Couvillion with USGS will present the data, net land changes, and land change trends in coastal Louisiana from 1932 to 2016.



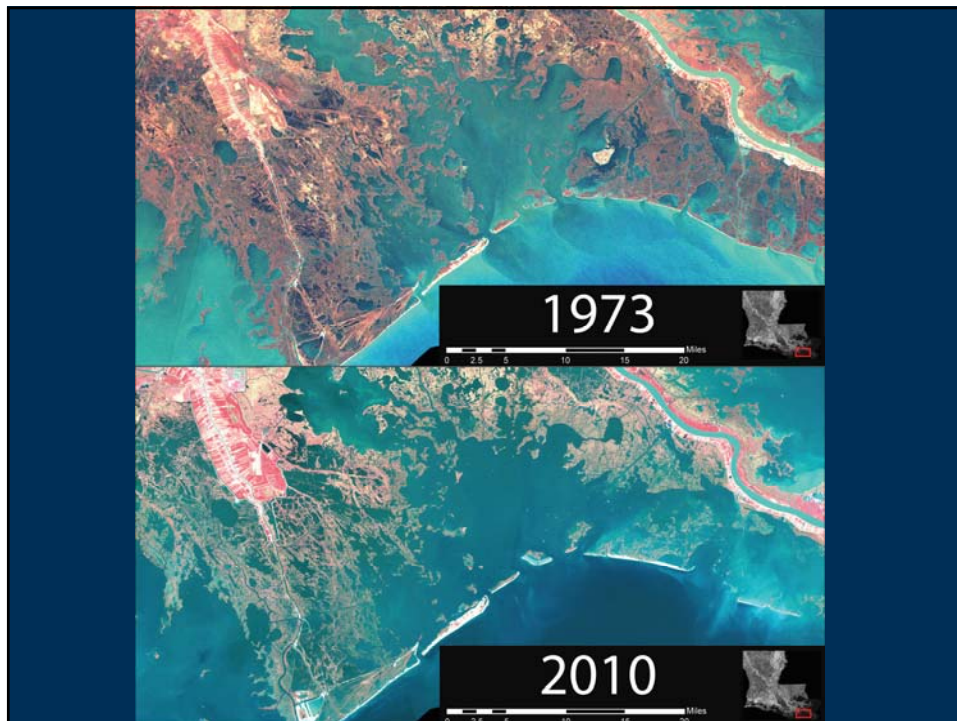


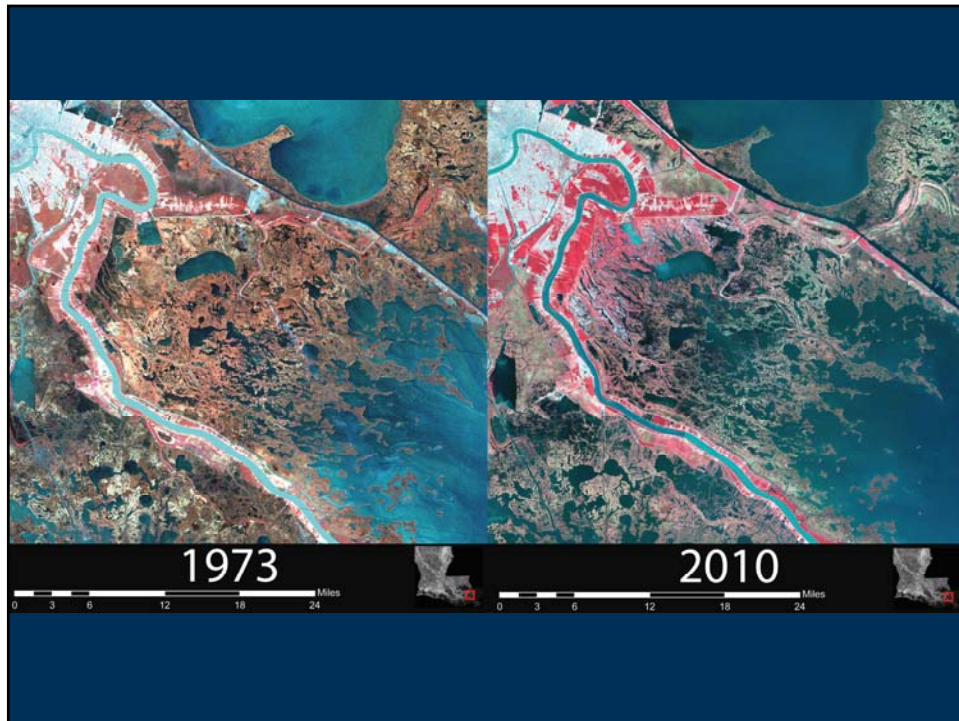
Wetland and Aquatic Research Center

# Land Area Change in Coastal Louisiana (1932 to 2016)

Brady R. Couvillion, Holly Beck, Donald Schoolmaster, and Michelle Fischer  
USGS Wetland and Aquatic Research Center

U.S. Department of the Interior  
U.S. Geological Survey





## Evolution of Land Area Change Assessments

# LCA Ecosystem Restoration Study

- 1978 Regional Habitat Data
- 1990 - 2002 TM Data
- Simple pre-post rate calculation based on annual percentage of land change



Historical and Projected Coastal Louisiana Land Changes: 1978-2050

by J. Barras, S. Beville, D. Britsch, S. Hartley, S. Hawes, J. Johnston, P. Kemp, Q. Kinler, A. Martucci, J. Porthouse, D. Reed, K. Roy, S. Sapkota, and J. Suhayda



USGS Open File Report  
OFR 03-334 (Revised January 2004)

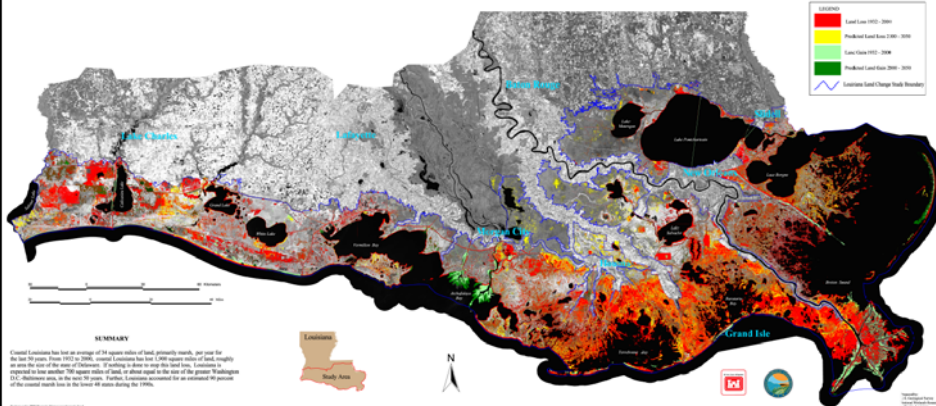
U.S. Department of the Interior  
U.S. Geological Survey

Table 1. Net land loss trends by Subprovince from 1978 to 2000.

	1978 - 1990 Net loss sq mi <sup>a</sup>	1990 - 2000 Net loss sq mi	1978 - 2000 Cumulative loss sq mi	Annual loss sq mi/yr	% Total loss by area
Subprovince 1	52	48	100	4.5	15.2%
Subprovince 2	148	65	213	9.7	32.4%
Subprovince 3	134	72	206	9.4	31.3%
Subprovince 4	85	54	139	6.3	21.1%
Total sq mi (sq km)	419 (1,085)	239 (619)	658 (1,704)	29.9 (77.4)	100%



## 100+ Years of Land Change for Coastal Louisiana



## The problem with simple pre-post rates

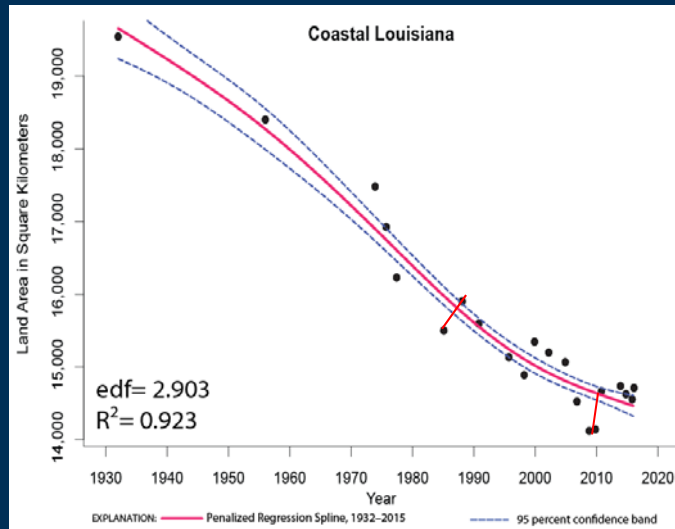
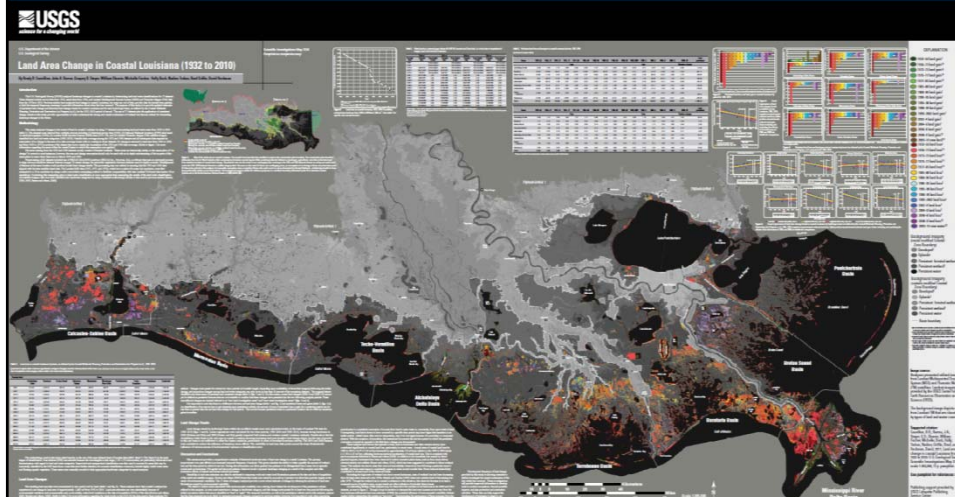
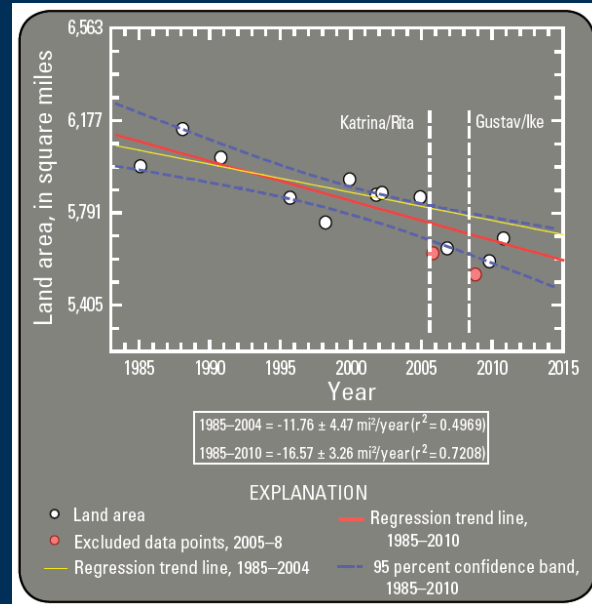


Figure 2. Land area in coastal Louisiana, 1932–2015. (See table 1 for specific area measurements.) The red line represents a penalized regression spline which approximates the data. The blue dotted lines represent a 95% confidence interval.

## Land Area Change in Coastal Louisiana



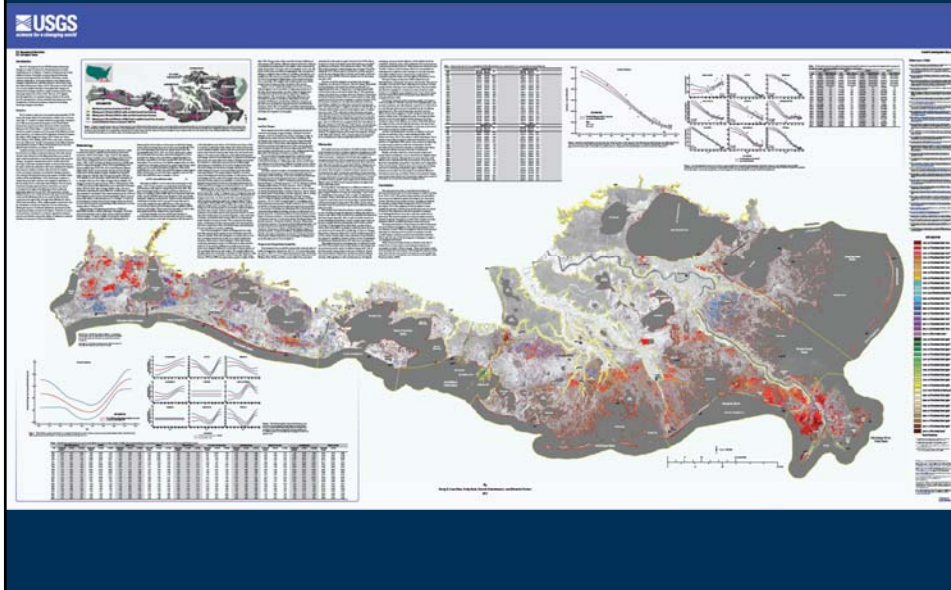
## Linear Trends



## Improving Land Area Change Assessments

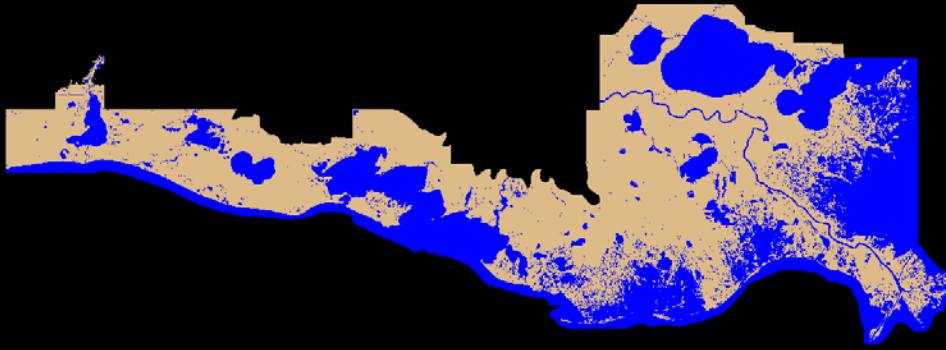
- Update since 2010
- Improve temporal resolution
- Improve statistical analyses to include earlier data points, improve estimates of uncertainty, and provide variable estimates of land change rates through time

# USGS SIM 3381



## Land/Water Datasets

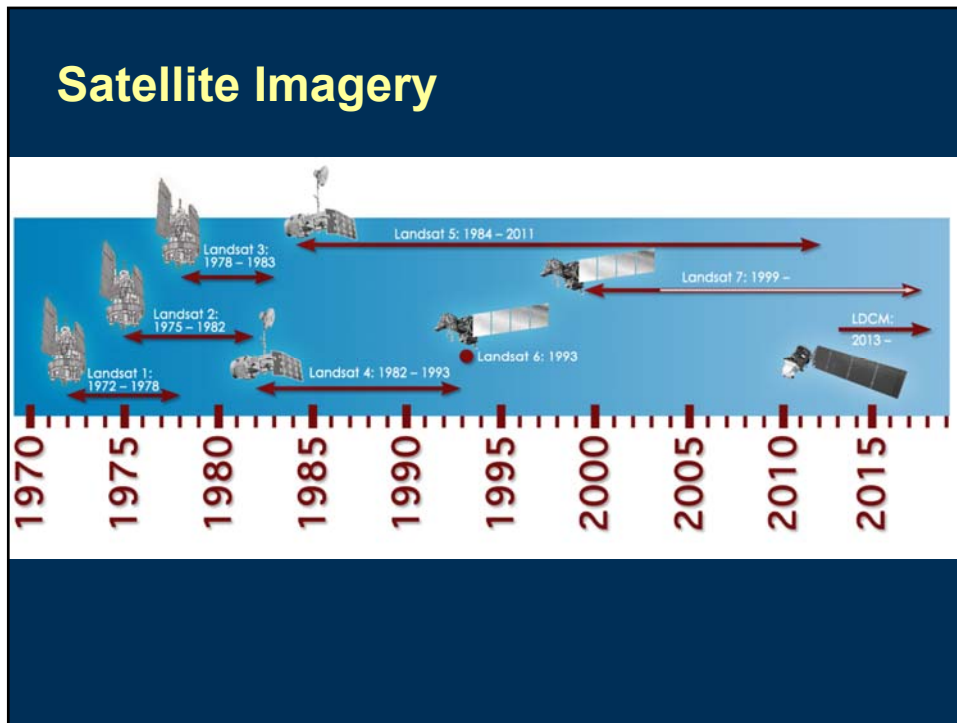
**1932**



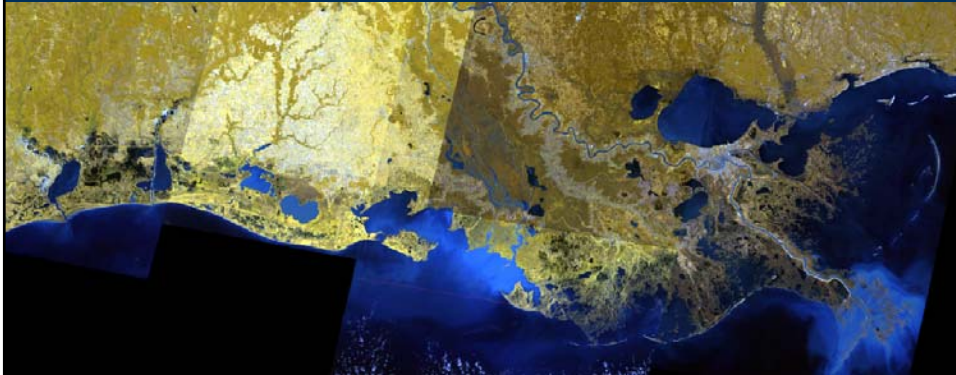
- Derived from Del Britsch's USACE loss 1:63K maps

**1956 – Aerial Imagery**





## Landsat Multi-Spectral Scanner (MSS) 1973, 1975, 1977



## Landsat 8



## Methodology

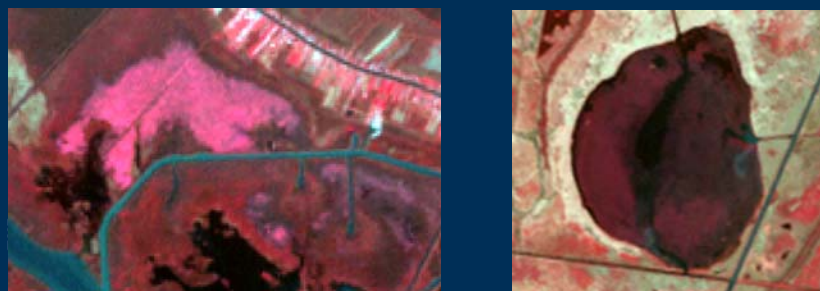
- To assess change, the geometric registration between datasets must be highly accurate. Misalignment of features at the same location could produce invalid land change results. This processing step was critical in ensuring that the 1932 and 1956 data aligned with the later satellite-based data.
- The Landsat MSS data (1973, 1977, and 1979), which have a native 68 x 83-meter (m) resolution, were first resampled to a 30-m resolution by using a cubic convolution resampling method to facilitate comparability with later Landsat TM and OLI-based data (native 30-m resolution).

## Methodology (continued)

- All satellite imagery data were then classified into land/water categories using a methodology which makes use of a modified Normalized Difference Water Index (mNDWI) (Xu 2005, 2006). The mNDWI enhances water features while cutting down on noise from land, vegetation, and soil (Xu, 2006). The mNDWI is seen in Equation 1 below:
  - $mNDWI = (Green - MIR) / (Green + MIR)$

## Classification of troublesome classes

- Supervised and unsupervised classification was then used to account for areas that may be incorrectly classified by the mNDWI alone. This step focuses on error prone classes such as floating aquatic vegetation (FAV), shadows, and bridges. These areas were manually recoded to their appropriate land/water categories by expert analyses.



## Persistence criteria

- Changes must persist for at least two consecutive time periods (of variable length, depending upon availability of cloud-free imagery) following the initial change, and anomalous changes among land and water categories can only occur in less than 20 percent of the remaining datasets. The mapped dataset identifies only these areas of persistent and consistent change.

## Statistical Analysis

- The function of change in land area over time was fit with a smoothing method called penalized regression splines
- This method fits land change as a set of polynomials in a piecewise-continuous fashion across the span of years, however polynomial order is not constrained by the user, nor is the artificial geometry of polynomial equations imposed on the data.
- Trends computed from this spline technique are smoothed and, as such, generalize trends over time.
- The intent of this study is to provide long-term, coarse-scale rates of change, and therefore these change rates are not appropriate at finer spatial and temporal scales.

## Statistical Model Selection

- One way to compare the models is with Akaike's Information Criterion (AIC). A typical way to compare via AIC is that the model with the lowest AIC is the best. Any models with within 2 units of AIC of each other are essentially the same (i.e. statistically indistinguishable). The AIC weights are interpreted as the relative likelihood of the model. Since we have a relatively small sample, we will use a derivative of AIC called AICc which adjusts raw AIC for sample size.

##	dAICc	df	weight
## f.gam	0.0	4.90258716943099	0.64
## f.lin	2.5	3	0.18
## f.quad	2.6	4	0.17

- This comparison suggests that of the three models there is about a 64% chance that the spline model is the closest to the actual data-generating mechanism, while the linear and quadratic models are also rather good. It also indicates that the linear and quadratic models are basically statistically indistinguishable from one another.

## Weighting of Early Data Points

One of the assumptions of these modeling methods is that each data point provides equally precise information about the response variable. When this assumption is violated, there is non-zero covariance between the model error and the independent variables, which leads to biased estimates. These data clearly violate this assumption because of differences in data-collection methods. To account for differences in methods across years, points were weighted differently on the basis of expert opinion of the uncertainty inherent in each method. The weights affect how strongly each point contributes to estimates of total deviation. Data before 1973 were given half the weight of data after 1984. Data between 1973 and 1984 were given three-quarters weight of data after 1984. The goodness of fit is described by the coefficient of determination ( $R^2$ ) statistic. Effective degrees of freedom (edf) can be interpreted as being related to the degree of the polynomial fit of the spline (edf = 1 is linear, edf = 2 is quadratic, and so on). We fit the models with and without weighting the data. As suspected, failing to weight the data resulted in overfitting. Specifically, non-weighted models were more complex (larger edf) and had higher  $R^2$  values but generated slightly larger out-of-sample prediction error on average. This suggests that weighting data successfully reduced bias and improved the robustness of the models.

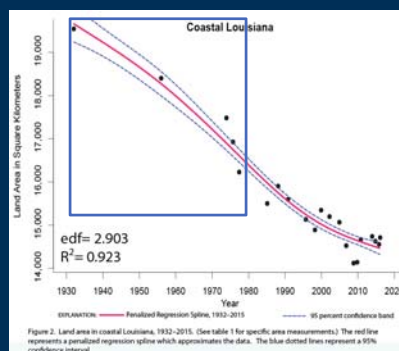
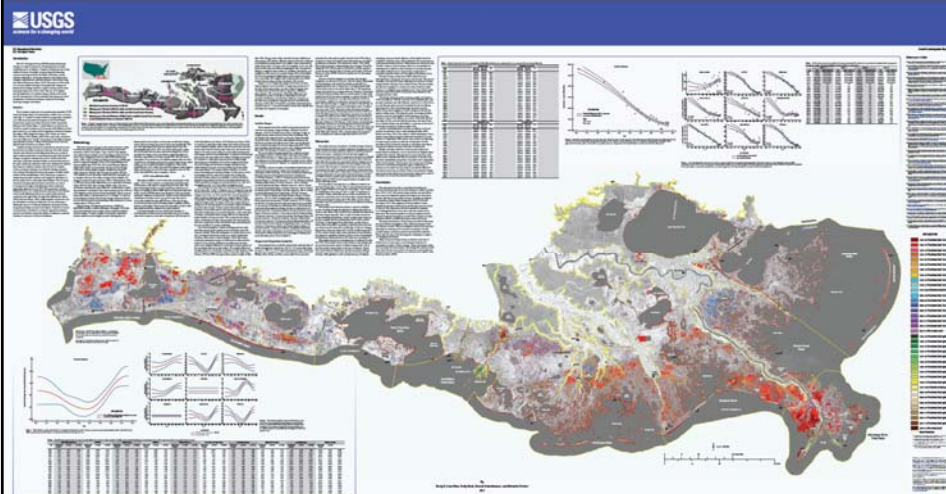
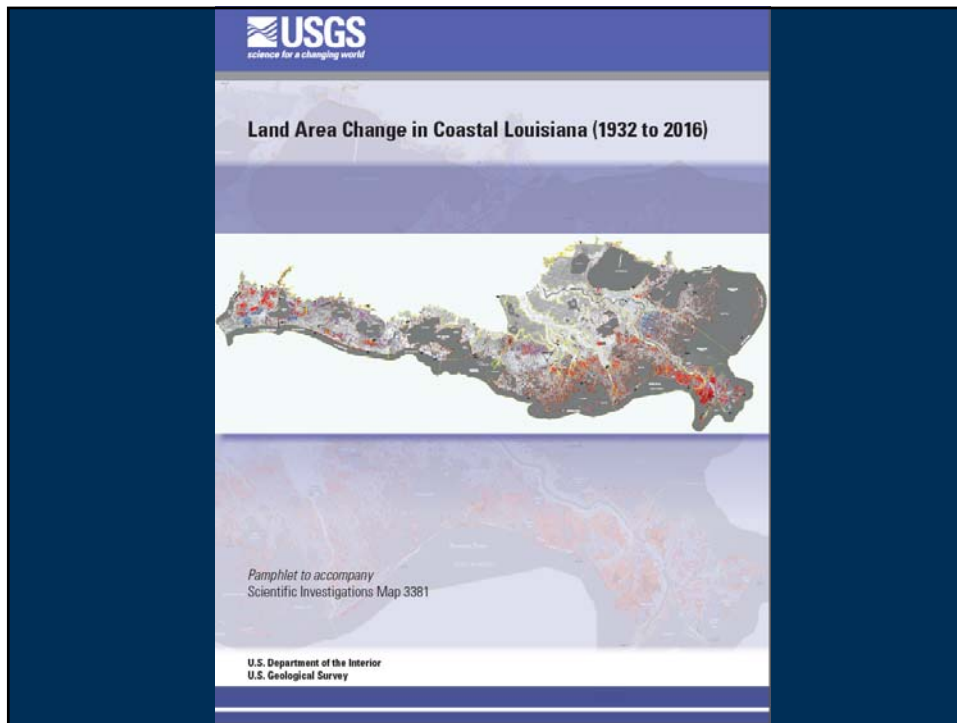


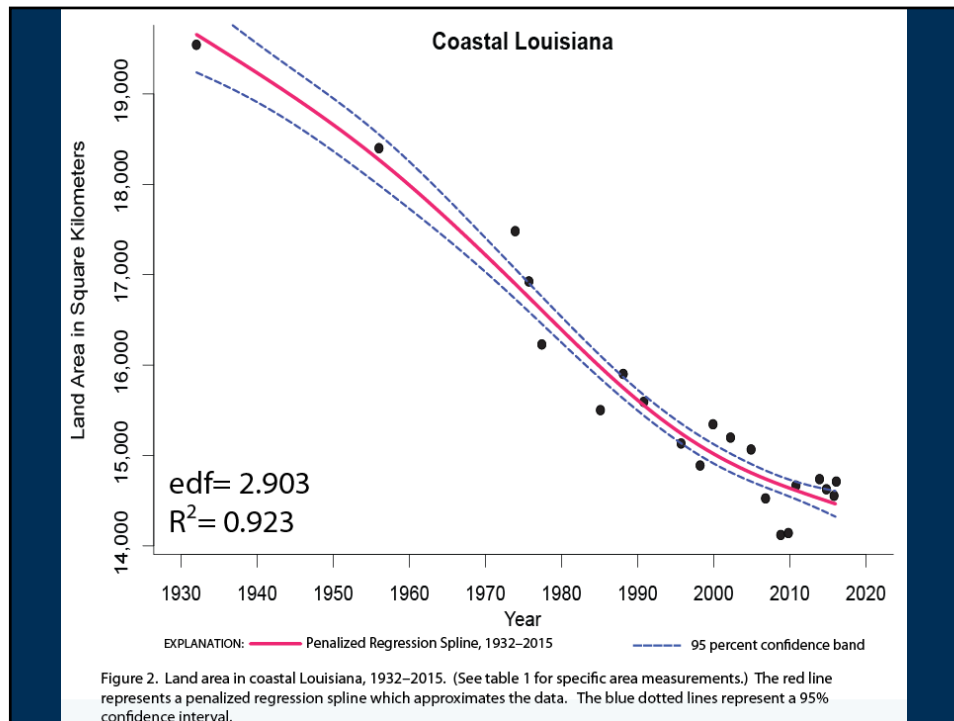
Figure 2. Land area in coastal Louisiana, 1932-2015. (See table 1 for specific area measurements.) The red line represents a penalized regression spline which approximates the data. The blue dotted lines represent a 95% confidence interval.

## USGS SIM 3381





# Results



## Results (coastwide)

These analyses show that coastal Louisiana has experienced a net land area change of approximately  $-4,833 \text{ km}^2$  (modeled estimate:  $-5,197 \pm 443 \text{ km}^2$ ) from 1932 to 2016 (fig. 2, table 1), roughly the size of the land area of the State of Delaware. This net change in land area amounts to a decrease of approximately 25 percent of the 1932 land area. Although this decrease in net land area is pervasive throughout much of the coast and the time period analyzed, the land area of recent data points (2013–16) is approximately equivalent and, in some cases, slightly greater than that of the 2010 estimate (Couvillion and others, 2011).

The model which best approximated the coastwide net land area change is similar to that of a third order polynomial (edf = 2.903) ( $R^2=0.923$ ) (fig. 2). Within these data, 2005 and 2008 land area data from hurricane-induced effects are evident as low outliers. Also evident is a perceived “stability” in coastwide net land area in recent years.

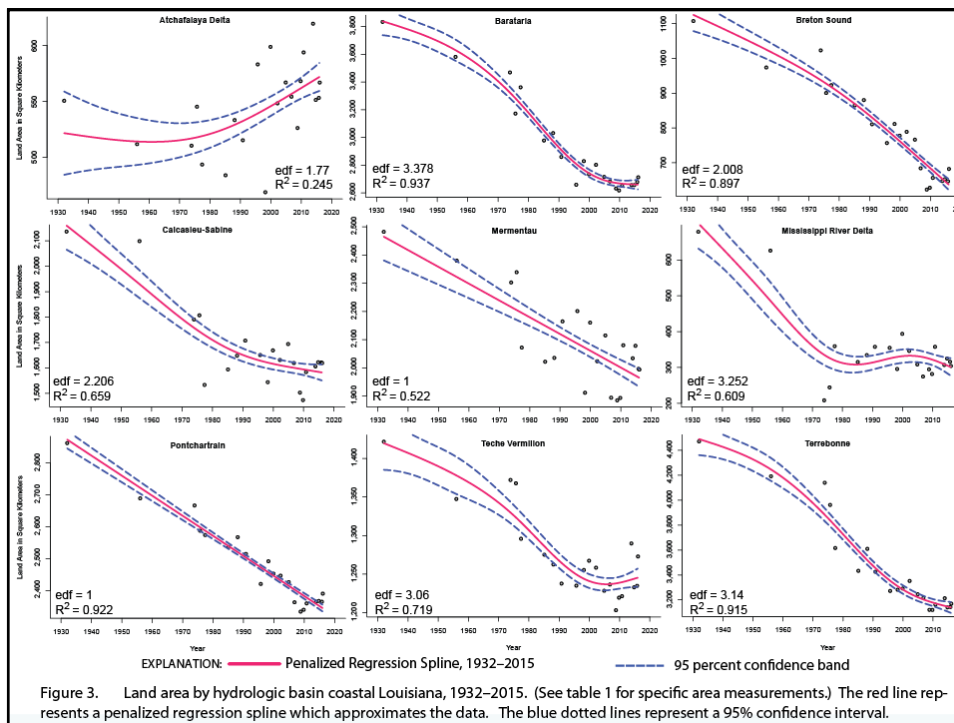


Figure 3. Land area by hydrologic basin coastal Louisiana, 1932-2015. (See table 1 for specific area measurements.) The red line represents a penalized regression spline which approximates the data. The blue dotted lines represent a 95% confidence interval.

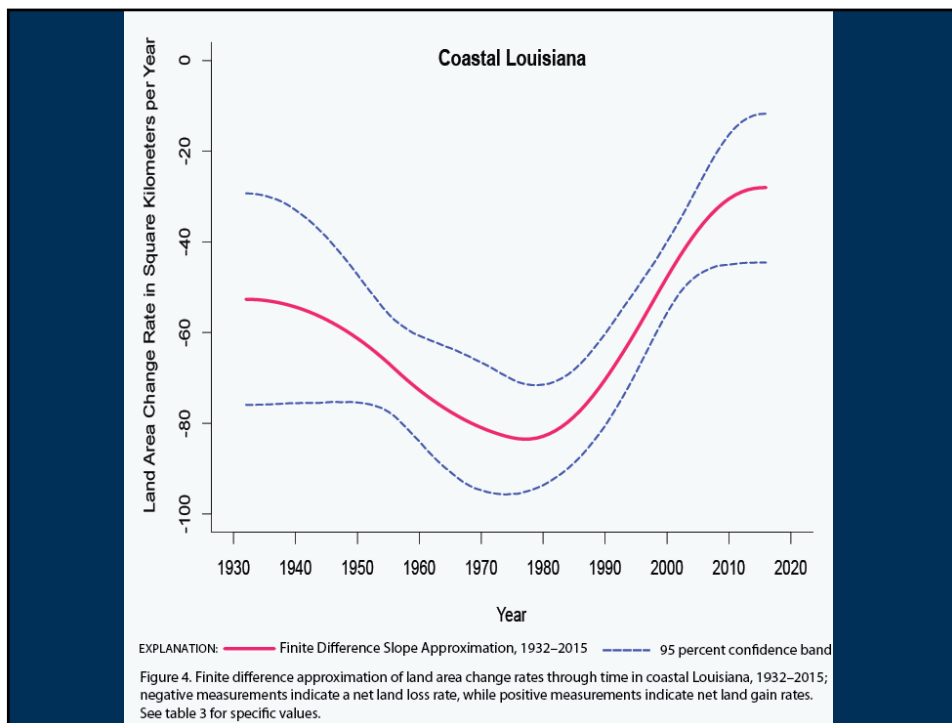
## Results (basin scale) – Ranked from most loss to most gain

### Change (total area)

1. Terrebonne Basin (-1,302 km<sup>2</sup> observed; -1,352 +/- 136 km<sup>2</sup> modeled)
2. Barataria Basin (-1,120 km<sup>2</sup> observed; -1,177 +/- 106 km<sup>2</sup> modeled),
3. Calcasieu-Sabine Basin (-517 km<sup>2</sup> observed; -578 +/- 100 km<sup>2</sup> modeled),
4. Mermentau Basin (-488 km<sup>2</sup> observed; -500 +/- 90 km<sup>2</sup> modeled),
5. Pontchartrain Basin (-472 km<sup>2</sup> observed; -529 +/- 30 km<sup>2</sup> modeled),
6. Breton Sound Basin (-426 km<sup>2</sup> observed; -489 +/- 49 km<sup>2</sup> modeled),
7. Mississippi River Delta Basin (-375 km<sup>2</sup> observed; -401 +/- 75 km<sup>2</sup> modeled),
8. Teche- Vermilion Basin (-149 km<sup>2</sup> observed; -174 +/- 37 km<sup>2</sup> modeled)
9. Atchafalaya Delta Basin (+16 km<sup>2</sup> observed; +51 +/- 39 km<sup>2</sup> modeled)

### Change (% of starting area)

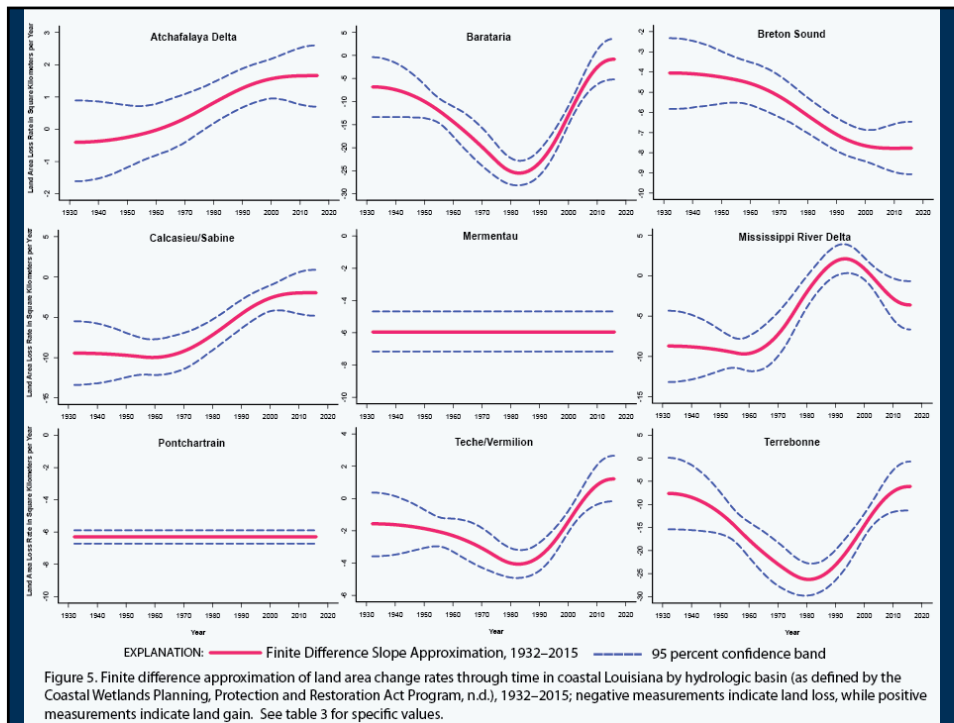
1. Mississippi River Delta Basin (-55 percent observed; -57 percent modeled),
2. Breton Sound Basin (-38 percent observed; -43 percent modeled),
3. Barataria Basin (-29 percent observed; -31 percent modeled),
4. Terrebonne Basin (-29 percent observed; -30 percent modeled),
5. Calcasieu- Sabine Basin (-24 percent observed; -27 percent modeled),
6. Mermentau Basin (-20 percent observed and modeled),
7. Pontchartrain Basin (-17 percent observed; -18 percent modeled)
8. Teche-Vermilion Basin (-10 percent observed; -12 percent modeled).
9. Atchafalaya Delta Basin (+3 percent observed; +9 percent modeled)



## Results (land area change rates)

### Change in Land Change Rates through Time

Trend analyses from model fits indicate that coastwide rates of wetland change have varied from  $-83.5 \pm 11.8$  square kilometers per year to  $-28.01 \pm 16.37$  square kilometers per year. Excluding the high rates of wetland loss due to the 2005 and 2008 hurricanes (Katrina, Rita, Gustav, and Ike), recent wetland loss rates have decreased from the peak loss rates observed in the 1970s which are known to have exceeded 80 square kilometers per year ( $\text{km}^2/\text{yr}$ ) (Britsch and Dunbar, 1993; Barras and others, 1994, 2003). This analysis indicates wetland change rates averaged  $-83 \text{ km}^2/\text{yr}$  during the 1973–78 time period, followed by a steady reduction in the rate since that time (fig. 4). Britsch and Dunbar (1993) and Barras and others (2008) observed a similar trend of decreasing loss after 1978.



# Causal Mechanisms

## Causal Mechanisms

### The 6 S's

- Subsidence
- Sea-level rise
- Storms
- Sediment Deprivation
- Shoreline Erosion
- Saltwater Intrusion

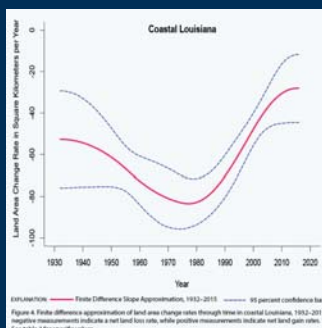
### Other Causal Mechanisms

- Oil and Gas Infrastructure and Withdrawal
- Direct Removal
- Altered Hydrology
- Herbivory
- Development

**Possible factors contributing to decreased long term rates of wetland loss since the late 1970's**

## Possible factors contributing to recent trends

- This analysis has shown decreasing rates of wetland loss after the 1970's. The possible causes of this decline in land change rate are as numerous as the causes of wetland change itself.



## Possible factors contributing to recent trends

- Mathematical - as wetlands are lost, there are fewer wetlands remaining to be lost, and as such, the rate of wetland loss will decrease.
- Similarly, many of the wetlands in the most precarious locations have already been lost. What remains are wetlands in less “at-risk” positions in the landscape which are consequently less vulnerable and contribute to this reduction in loss rate.



## Possible factors contributing to recent trends

- Oil and gas extraction in the Louisiana coastal zone began in 1926 and peaked in 1969 (Ko and others, 2004). Infrastructure, such as canals, pipelines and other features, contributes to wetland loss through direct removal of material, but also by altering hydrologic flow. This altered hydrology can lead to indirect effects such as the propagation of wave energy and salinity into interior wetland areas. Following this peak, oil and gas activities started to move from the shallow wetland areas in one of two directions; inland, or far offshore. As a result of this shift, Morton and others (2005) concluded that the decrease in the rate of land loss in Barataria Basin was attributable to a decrease in the rate of hydrocarbon production in that area after 1974.

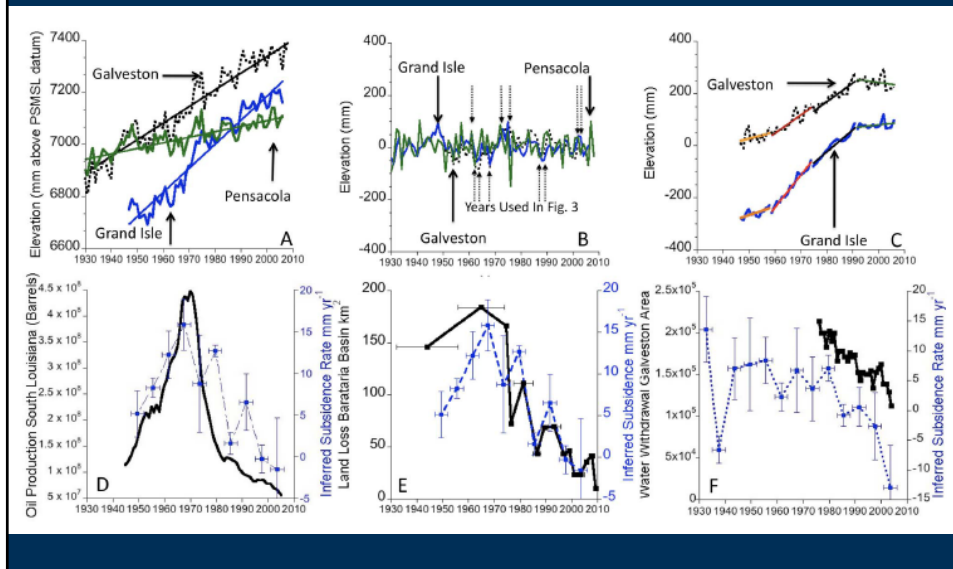


## Possible factors contributing to recent trends

- Another contributing factor involves a possible reduction in tectonic activity and subsidence due to active faulting (Dokka, 2006, Kolker, 2011). The extent to which submergence is due to natural vs. anthropologically influenced subsidence is poorly understood. Regardless of the causes, some evidence is beginning to point toward a reduction in the rate of subsidence. Kolker (2011) has observed a decrease in deep subsidence rates which corresponds with the decrease in the rate of wetland loss.

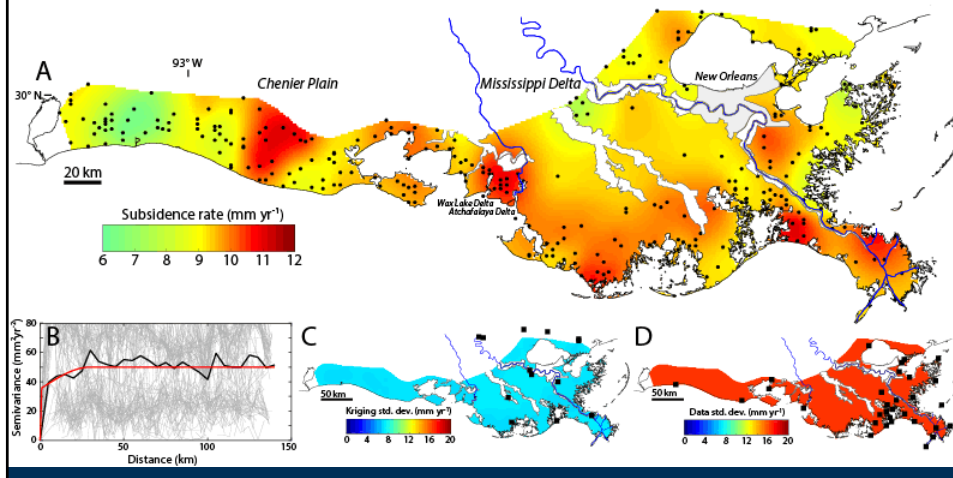


## Kolker et al., 2011



## A New Subsidence Map for Coastal Louisiana

*Jaap H. Nienhuis, Torbjörn E. Törnqvist, Krista L. Jankowski, Department of Earth and Environmental Sciences, Tulane University, New Orleans, Louisiana 70118-5698, USA; Anjali M. Fernandes, Department of Earth and Environmental Sciences, Tulane University, New Orleans, Louisiana 70118-5698, USA, and Center for Integrative Geosciences, University of Connecticut, Storrs, Connecticut 06269, USA; and Molly E. Keogh, Department of Earth and Environmental Sciences, Tulane University, New Orleans, Louisiana 70118-5698, USA*



## A New Subsidence Map for Coastal Louisiana

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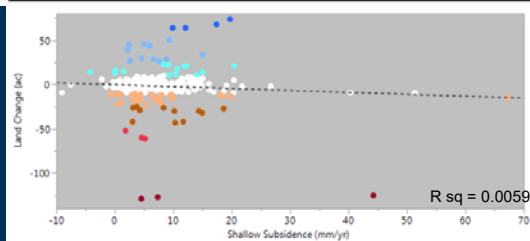
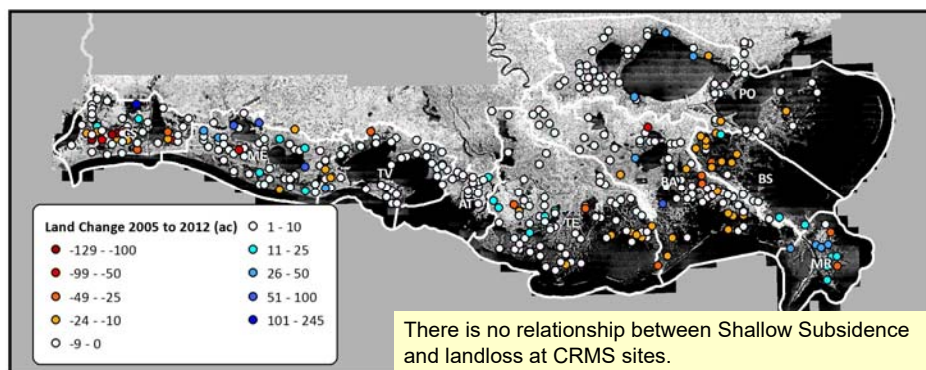
Land along Louisiana's coastline is sinking [http://search.nola.com/subsidence/?date\\_range=all](http://search.nola.com/subsidence/?date_range=all) 50 percent faster than was estimated just two years ago, according to a new map published Wednesday (June 14) as part of a study by Tulane University geologists <http://www.geosociety.org/gsatoday/groundwork/G337GW/article.htm>. It says the average subsidence is 9 millimeters a year, more than one third of an inch.

Our newly calculated present-day subsidence rates are considerably higher than what has been reported by recent studies that relied partly or entirely on tide gauges and that inferred rates of 1–6 mm yr<sup>-1</sup> for the past few decades (Kolker et al., 2011; Karegar et al., 2015). As a result, “worst case scenarios” with subsidence rates of 8–10 mm yr<sup>-1</sup> that have been used in predictions for the Mississippi Delta throughout the 21st century (Blum and Roberts, 2009; Kim et al., 2009) are in fact reflecting the conditions that exist in coastal Louisiana today. Perhaps worst case scenarios should be considered the new normal in other LECZs worldwide as well.



## Net Land Change 2005 to 2012 (ac)

Change within CRMS km squares



## Possible factors contributing to the most recent trends in wetland loss rates



### Possible factors contributing to recent trends

- The lack of major storms since 2008 is likely the most influential factor causing the most recent decreases in net loss rates. This period of relative calm has led to fewer disturbances in the form of wave energy, thereby reducing erosion induced losses. The storm hiatus also allowed vegetation to colonize new areas of shallow water bodies or to re-establish once vegetated areas. Some of these areas may have begun life as floating aquatic vegetation (FAV) but may have since attached to the substrate (Russell, 1942).



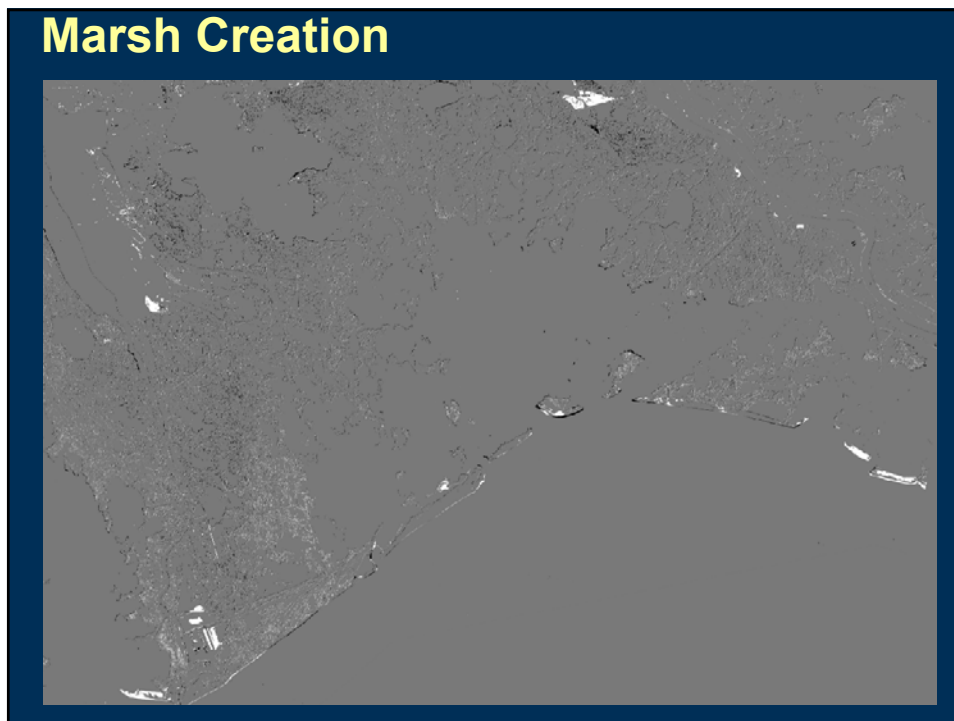
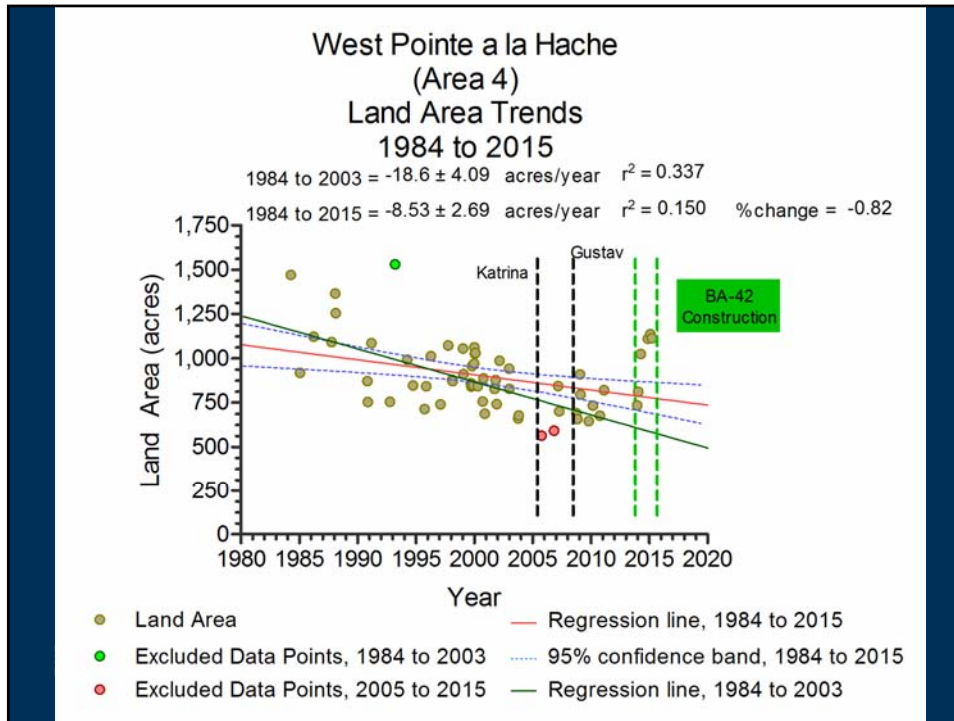
## Possible factors contributing to recent trends

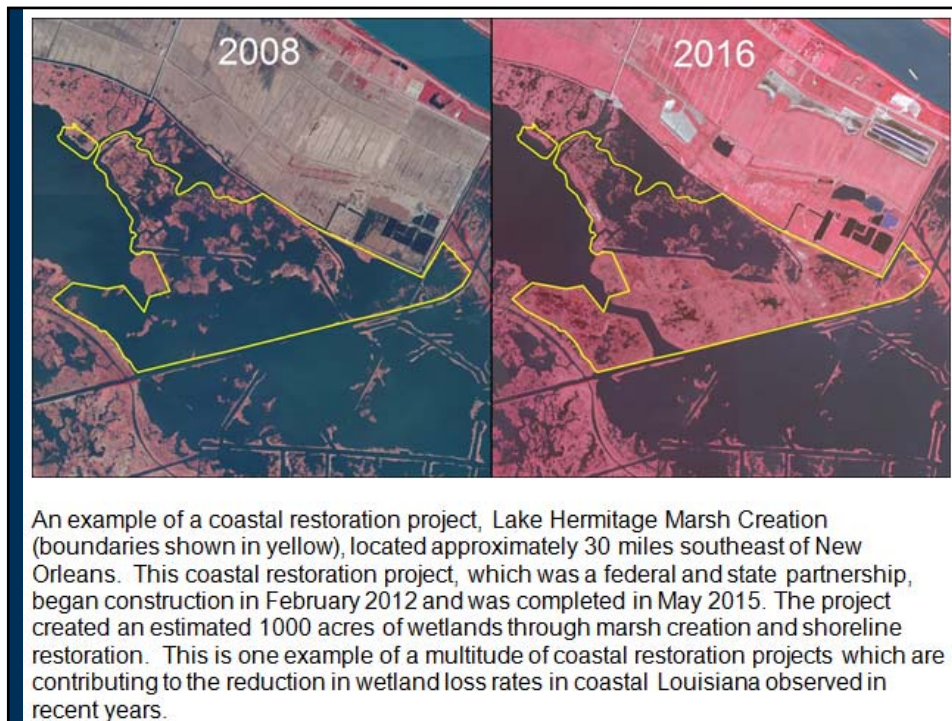
- Finally, restoration activities, such as marsh creation and barrier island nourishments, can be observed in the datasets which constitute this analysis. While these projects may have small effects in the coastwide total land area numbers, in specific areas, they have substantially changed the composition and configuration of the local landscape. These projects are in many cases building new land or sustaining existing land, again contributing to a reduction in loss rates. It is important to note that the effects of restoration projects are not always visible in the persistent change map as areas which were lost, then regained as a result of restoration do not meet the persistent change criteria.



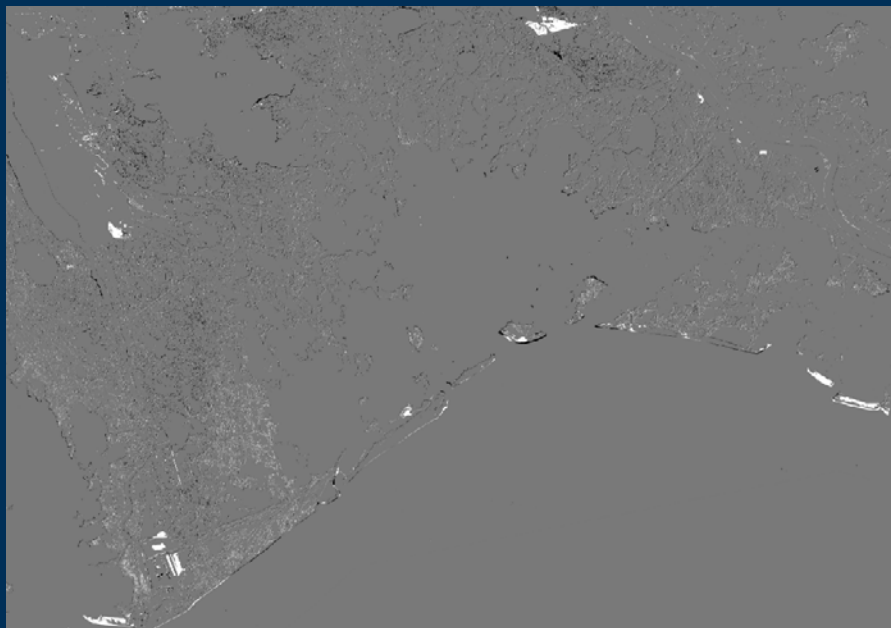
## Marsh Creation



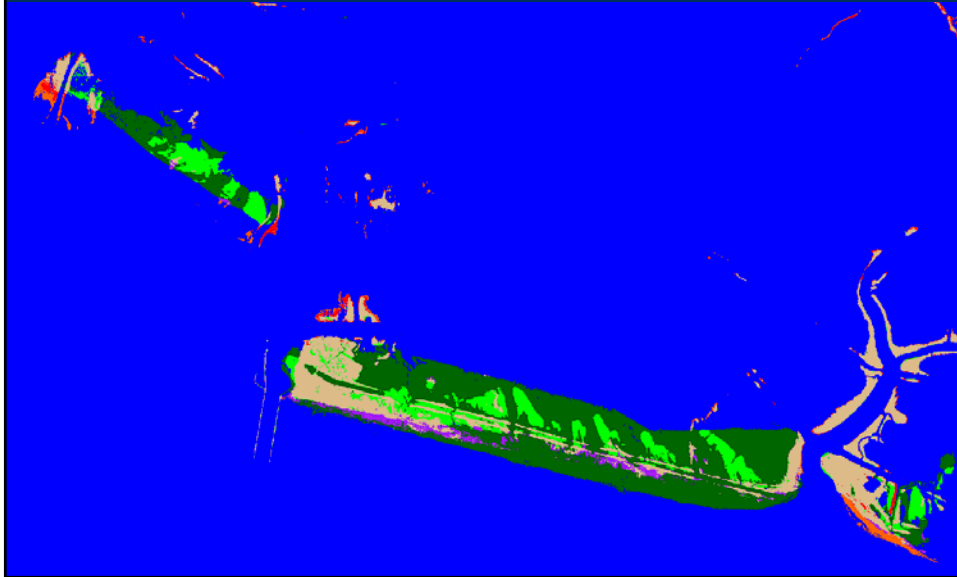




## Barrier Island Restoration



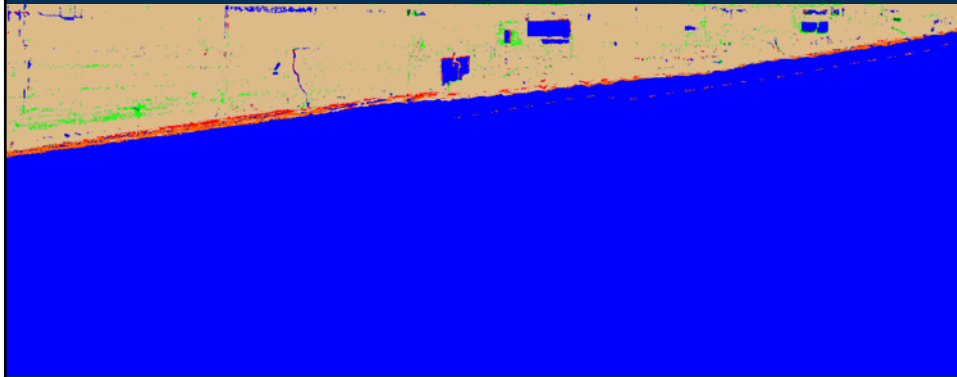
## Pelican Island and Pass La Mer to Chaland Pass Restoration



## Shoreline Protection



## Shoreline Protection



## Diversions



## Conclusions

- This assessment provides a comprehensive analysis of historical trends and rates of land area change in coastal Louisiana from 1932 to 2016. The primary improvements over past efforts are an improved statistical analysis allowing for the observation of rates other than linear and the inclusion of additional datasets for assessing coastal wetland change since 2010 (Couvillion and others, 2011). This dataset provides the ability to better quantify the amount of wetland loss and the time period in which it was lost. This information will allow gradual loss patterns to be distinguished from losses due to episodic events such as hurricanes. The spatial and temporal patterns observed reveal a dynamic landscape changing as a result of the complex and often interactive effects of natural and human-induced processes.



## Conclusions (continued):

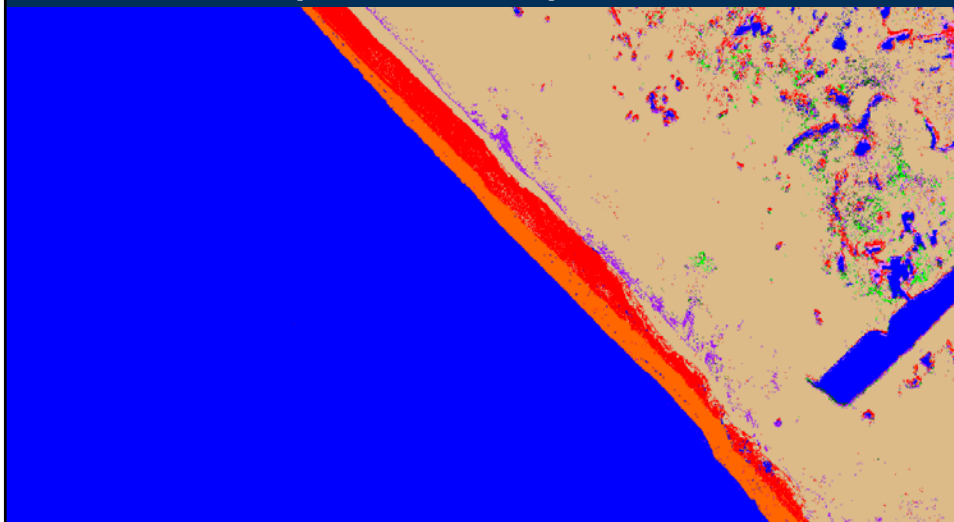
- The recent reduction in coastwide net land change rates should not be interpreted as indicative of future trends.
- This trend is due in large part to the recent lack of major storms (Hurricane Isaac excluded due to lack of major effects in coastal wetlands), and recovery from post-hurricane lows in 2005 and 2008.
- Coastal protection and restoration activities are also contributing to the recent slowing of wetland loss rates
- SLR is forecasted to increase exponentially and large expanses of coastal Louisiana wetlands do not have the elevation capital nor the ability to accrete at a rate which would promote sustainability.

## Future Plans for Coastal Land Area Change Studies

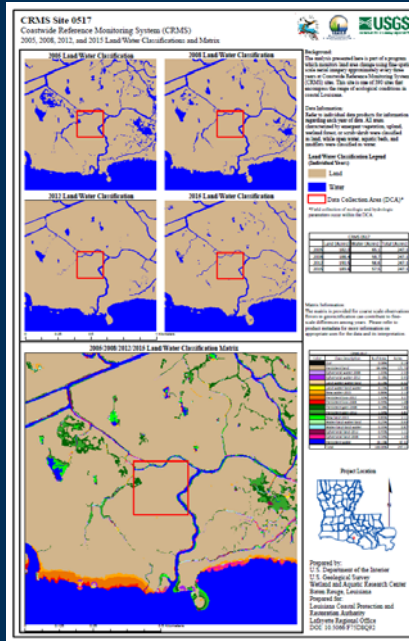


## Future Plans for Coastal Land Area Change Studies

- Increased spatial and temporal resolution.



## Future Plans for Coastal Land Area Change Studies



## Future Plans for Coastal Land Area Change Studies Sentinel -2



## Future Plans for Coastal Land Area Change Studies Satellite Constellations



# Questions



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**ROSEAU SCALE AND ROSEAU CANE DIE-OFF**

**For Report:**

Dr. Ian Knight will present research and findings on the impacts and distribution of the Roseau cane scale in coastal Louisiana.



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**OUTREACH COMMITTEE REPORT**

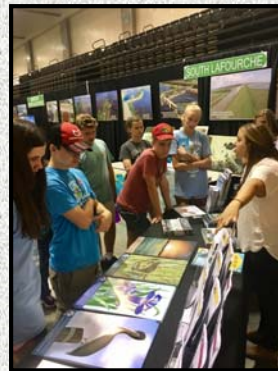
**For Report:**

Ms. Mirka Zapletal will provide the Outreach Committee report.





## TERREBONNE PARISH COASTAL DAY JUNE 27, 2017



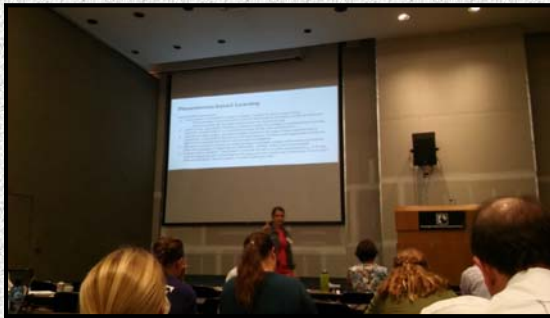
## DELTA DISPATCHES JULY 11, 2017



## WETSHOP JULY 11, 2017



## LEEC LOUISIANA STUDENT SCIENCE STANDARDS MEETINGS AUGUST 2 AND OCTOBER 5, 2017



## BAYOU VERMILION PRESERVATION ASSOCIATION ANNUAL SYMPOSIUM SEPTEMBER 8, 2017



## NATIONAL HUNTING AND FISHING DAY SEPTEMBER 23, 2017

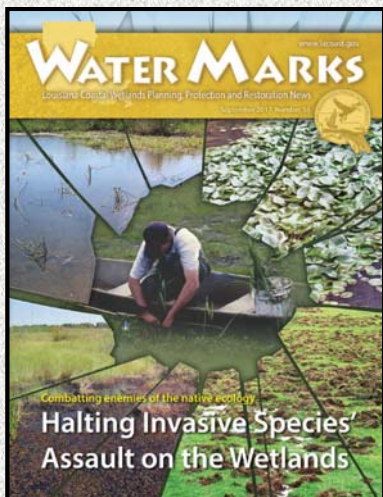


LandMarks Vol. 4, Issue 3  
WaterMarks Issues 55 and 56

## RECENT RESOURCES



# WATERMARKS ISSUE 56 HALTING INVASIVE SPECIES' ASSAULT ON THE WETLANDS



## SINEAD BORCHERT, COMMUNITY OUTREACH SPECIALIST



- MSc from Louisiana State University
- BS from UC-Santa Barbara
- USGS Wetland Migration Workshops
- USGS habitat mapping and belowground biomass analysis
- Field experience in US states and territories, Peru, Bolivia

## CONTACT US:

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337-266-8623

Sinead Borchert  
Community Outreach Specialist  
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337-266-8626

*www.LaCoast.gov*  
*facebook.com/CWPPRA*  
*twitter.com/CWPPRA*  
*CWPPRA.wordpress.com*





# 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 12, 2017 to October 2, 2017

## **REPORTING PERIOD HIGHLIGHTS:**

- CWPPRA staff exhibited at Terrebonne Parish Coastal Day on June 27 in Houma, LA. Terrebonne Parish Consolidated Government organized this event to give the community access to public officials and information on coastal protection in Terrebonne Parish.
- CWPPRA staff, Nikki Cavalier, was interviewed by “Delta Dispatches” on July 6. This weekly radio program is hosted by Restore the Mississippi River Delta and airs on WGSO 990am. The topic for this episode was invasive species.
- CWPPRA staff presented to teachers at WETShop on July 11 in Grand Isle, LA. This week-long workshop introduces Louisiana teachers to the history and issues of coastal Louisiana.
- CWPPRA staff attended meetings on Louisiana’s new Student Science Standards on August 2 and October 5 in Baton Rouge, LA. Organized by the Louisiana Environmental Education Commission, these meetings focus on developing new resources for teachers.
- CWPPRA staff gathered for a Public Outreach Committee meeting on August 18 in Baton Rouge, LA.
- CWPPRA staff attended the annual Bayou Vermilion Preservation Association Symposium on September 8 in Lafayette, LA. This yearly event connects communities, researchers, and parish officials along the Vermilion River.



- CWPPRA staff exhibited at LDWF National Hunting and Fishing Day activities on September 23 in Woodworth, LA. This annual event gives families the opportunity to explore a variety of outdoor activities and issues.
- A new Community Outreach Specialist joined CWPPRA. Sinead Borchert has a BS from UC-Santa Barbara and MS from LSU. More recently she has been a Student Services Contractor for the USGS Wetland and Aquatic Research Center in Lafayette, LA.

**ELECTRONIC MEDIA/NATIONAL AND INTERNATIONAL OUTREACH**

- **LaCoast** website statistics from May 12, 2017 to September 26, 2017:
  - ◆ Successful requests: : 12,811,779  
(includes pages, videos, maps, and graphics)
  - ◆ Successful requests for pages: 5,004,847
  - ◆ Data transferred: 2.07 terabytes
  - ◆ Average data transferred per day: 15.33 gigabytes
  - ◆ CWPPRA Newsflash subscribers: 1592
- **WaterMarks** subscribers: 6,696  
*WaterMarks 55 CWPPRA Projects Protect and Create Wetland Habitat for Louisiana’s Fish and Wildlife and WaterMarks 56 Halting Invasive Species’ Assault on the Wetlands* published
- CWPPRA Social Media Information
  - ◆ Facebook Likes: 1,267
  - ◆ Twitter Followers: 479
- Daily requests and information distributions May 12, 2017 to September 28, 2017
  - ◆ Responding to requests for information/material/photos by telephone, email, LaCoast: 181 mailing requests and 5 additional requests
  - ◆ CWPPRA Newsflashes: 13
  - ◆ LaCoast.gov LUCC posted calendar events: 37

**OUTREACH ACTIVITIES - Presentations, Exhibits, Workshops, Field Trips, Meetings, and Conferences:**

- ◆ June 26, 2017 – GOMA Education & Engagement Team conference call



- ♦ June 27, 2017 – Terrebonne Parish Coastal Day
- ♦ June 30, 2017 – Social Media Day Lafayette
- ♦ July 6, 2017 – Delta Dispatches interview
- ♦ July 11, 2017 – WETShop
- ♦ July 13, 2017 – UL-Lafayette Communications Dept. meeting
- ♦ July 19, 2017 – CPRA Board meeting
- ♦ July 25, 2017 – GOMA Education & Engagement Awareness Working Group conference call
- ♦ August 2, 2017 – Louisiana Student Science Standards meeting
- ♦ August 3, 2017 – BTNEP Management Conference #80
- ♦ August 16, 2017 – CPRA Board meeting
- ♦ August 18, 2017 – CWPPRA POC meeting
- ♦ September 8, 2017 – Bayou Vermilion Preservation Association Symposium
- ♦ September 14, 2017 – Technical Committee meeting
- ♦ September 22, 2017 – GOMA Education & Engagement Team conference call
- ♦ September 23, 2017 – National Hunting and Fishing Day
- ♦ September 25, 2017 – GOMA Education & Engagement Team conference call
- ♦ CWPPRA outreach staff interviewed candidates for our Community Outreach Specialist position
- ♦ CWPPRA outreach staff completed Volume 4, Issue 3 of *LandMarks* and related *Wordpress* posting.
- ♦ CWPPRA continues outreach via social media. Staff continues to update the CWPPRA Facebook page, *Wordpress*, and Twitter. The [LaCoast.gov](http://LaCoast.gov) website was updated as needed to include new content, CWPPRA Newsflash news releases, and media updates.

**Partnerships / Regional Outreach:**

- ♦ June 27 – CWPPRA staff exhibited at Terrebonne Parish Coastal Day in Houma, LA.
- ♦ July 11 – CWPPRA staff presented at WETShop in Grand Isle, LA.
- ♦ August 2 – CWPPRA staff participated in the Louisiana Student Science Standards meeting in Baton Rouge, LA.
- ♦ September 8 – CWPPRA staff attended the Bayou Vermilion Preservation Association Symposium in Lafayette, LA.
- ♦ September 23 – CWPPRA staff exhibited at LDWF’s National Hunting and Fishing Day in Woodworth, LA.

**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 Education & Engagement Awareness Working Group
- ♦ University of Louisiana at Lafayette Communications Department

**Placement of Kiosks:**

- ♦ 10/01/05 - present                      Atchafalaya Welcome Center on I-10
- ♦ 12/21/06 - present                      Audubon Zoo (Education Center), New Orleans
- ♦ 01/05/07 - present                      Sci-Port, Shreveport

**Placement of CWPPRA Educational Materials/Publications**

- ♦ 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 14, 2017 – Wild Things Festival
- October 21, 2017 – Girl Scouts’ B.I.G. Event
- October 22, 2017 – Rougarou Festival
- October 24, 2017 – LSU Sea Grant’s Ocean Commotion
- November 2, 2017 – BTNEP Management Conference
- November 30- December 2, 2017 – National Science Teachers Association Area Conference



## Media Coverage Referencing LaCoast, CWPPRA, CWPPRA Projects, or Coastal Issues

May 12, 2017 to September 28, 2017

<u>Date</u>	<u>Title</u>	<u>Source of Article</u>	<u>Author</u>
09/26/2017	<a href="#"><u>Coastal restoration industry to grow in Louisiana</u></a>	Daily Comet	Holly Duchmann
09/26/2017	<a href="#"><u>Students get hands-on coastal lesson with new program</u></a>	Daily Comet	Holly Duchmann
09/20/2017	<a href="#"><u>Water Campus' plans for impressive model of Mississippi River? Teach, learn, inspire</u></a>	The Advocate	SteveHardy
09/19/2017	<a href="#"><u>These 3 parishes face billions of dollars in damage without coastal plan, state warns</u></a>	The Times-Picayune	Mark Schleifstein
09/11/2017	<a href="#"><u>From swamp to table, this meal could help save Louisiana's coast</u></a>	The Times-Picayune	Sara Sneath
09/10/2017	<a href="#"><u>etlands Youth Summit teaches students about sea level rise</u></a>	Daily Comet	Bridget Mire
09/09/2017	<a href="#"><u>Cameron receiving bulk of \$28.6M in coastal restoration projects</u></a>	American Press	John Guidroz
09/04/2017	<a href="#"><u>State to use oil spill fines to monitor coastal work's impact</u></a>	Houma Today	Keith Magill
09/04/2017	<a href="#"><u>Wetlands Youth Summit to be held Saturday</u></a>	Daily Comet	Dan Boudreaux
08/30/2017	<a href="#"><u>Louisiana coast's insect invader has no taste for sugar cane</u></a>	The Times-Picayune	Tristan Baurick
08/25/2017	<a href="#"><u>Old accident in Mississippi Delta holds lessons for saving Louisiana's coast</u></a>	The Times-Picayune	Tristan Baurick
08/23/2017	<a href="#"><u>Invasive Pest May Not Be Only Cause of Recent Louisiana Marsh Die-off</u></a>	USGS	
08/18/2017	<a href="#"><u>Celebrate the area's wetlands during National Estuaries Week</u></a>	Houma Today	Keith Magill
08/17/2017	<a href="#"><u>Let's Get Muddy: How A Mixture of Mud and Sand Can Help Revive Louisiana's Wetlands</u></a>	Delta Dispatches	Meghan Fullam
08/17/2017	<a href="#"><u>Wetland plague spurs call for Louisiana emergency declaration</u></a>	The Times-Picayune	Tristan Baurick
08/16/2017	<a href="#"><u>White-feathered birds in your drainage ditch? Expert tells you why</u></a>	The Times-Picayune	Celeste Turner
08/16/2017	<a href="#"><u>A virtual tour of eight Louisiana coastal projects</u></a>	The Times-Picayune	



08/15/2017	<a href="#"><u>Partnership will help pay for restoration</u></a>	Houma Today	Dan Boudreaux
08/12/2017	<a href="#"><u>First step taken for barrier island to be rebuilt</u></a>	Houma Today	Dan Boudreaux
08/11/2017	<a href="#"><u>Roseau cane plague on Louisiana coast might have started a year earlier</u></a>	The Times-Picayune	Tristan Baurick
08/10/2017	<a href="#"><u>How will we adapt as Gulf threatens?</u></a>	Daily Comet	Keith Magill
08/10/2017	<a href="#"><u>Making the Most of an Unprecedented Opportunity: Funding Louisiana's Coastal Program</u></a>	Restore The Mississippi River Delta	Charles Sutcliffe
08/09/2017	<a href="#"><u>Flooding is expected to get worse in St. Tammany Parish. How can communities adapt?</u></a>	The Lens	Della Hasselle
08/08/2017	<a href="#"><u>Want to hunt nutria and get paid for it?</u></a>	The Times-Picayune	Todd Masson
08/06/2017	<a href="#"><u>Tulane creates department to research coastal issues, and other news of higher education</u></a>	The New Orleans Advocate	
08/01/2017	<a href="#"><u>Terrebonne residents discuss land loss</u></a>	Houma Today	Garrett Ohlmeyer
07/31/2017	<a href="#"><u>What Does the Economy Stand to Lose If We Don't Restore Louisiana's Coast?</u></a>	Restore the Mississippi River Delta	Diego Herrera Garcia
07/31/2017	<a href="#"><u>Why Coastal Restoration Matters to the Baton Rouge Area and the State</u></a>	Restore The Mississippi River Delta	Jim Wyerman
07/31/2017	<a href="#"><u>Miss Louisiana United States: Coastal advocacy is her passion and purpose</u></a>	Daily Comet	Holly Duchmann
07/27/2017	<a href="#"><u>Project Synergies: Getting the Most Bang for our Buck from Coastal Restoration</u></a>	Restore The Mississippi River Delta	Emily Ewing
07/25/2017	<a href="#"><u>They're looking for a few good levee authority board members</u></a>	The Times-Picayune	Mark Schleifstein
07/23/2017	<a href="#"><u>How does coastal work affect food chain?</u></a>	Houma Today	Keith Magill
07/21/2017	<a href="#"><u>St. Bernard prez Guy McInnis 'puts a face' on coastal erosion</u></a>	The Times-Picayune	Barry Lemoine
07/20/2017	<a href="#"><u>Buried oil from Deepwater Horizon disaster still harming wetlands</u></a>	The Times-Picayune	Tristan Baurick
07/19/2017	<a href="#"><u>Our Views: A knowledge base for coast's preservation</u></a>	The Advocate	Advocate Editorial



07/19/2017	<a href="#">Coast authority focuses on paying \$3 billion New Orleans area levee debt</a>	The Times-Picayune	Mark Schleifstein
07/19/2017	<a href="#">Coastal authority views St. Bernard issues in monthly meeting</a>	The Times-Picayune	Mark Schleifstein
07/17/2017	<a href="#">Troy University Professors Receive NOAA RESTORE Science Program Grant</a>	WLTZ	Don Hammond
07/15/2017	<a href="#">Rising sea levels threaten Louisiana homeowners with billions in losses, real estate economists say</a>	The Advocate	Steve Hardy
07/13/2017	<a href="#">No major hurricanes, wetlands loss slowed</a>	Shreveport Times	Janet McConnaughey
07/13/2017	<a href="#">USGS finds rate of long term wetland loss in Louisiana is slowing</a>	WWL	
07/12/2017	<a href="#">West Bank coastal restoration project, one of state's biggest, topic of 6 meetings</a>	The Times-Picayune	Tristan Baurick
07/12/2017	<a href="#">\$31 million Oyster Bayou Marsh Restoration underway</a>	KPLC	Theresa Schmidt
07/12/2017	<a href="#">Updated USGS Maps Show Decreased Rate of Louisiana Land Loss</a>	Restore the Mississippi River Delta	
07/12/2017	<a href="#">Professors awarded coastal erosion research grants</a>	The Vermilion	
07/12/2017	<a href="#">Is Louisiana land loss slowing? Yes, but...</a>	The Advocate	Faimon A. Roberts III
07/11/2017	<a href="#">Officials tour work on Whiskey Island</a>	Daily Comet	Dan Boudreaux
07/11/2017	<a href="#">In the nutria zone, higher bounty considered for Louisiana's most wanted rodent</a>	The Times-Picayune	Tristan Baurick
07/10/2017	<a href="#">Dutch research institutes sign on to help with coastal loss</a>	KATC TV-3	
07/06/2017	<a href="#">Calcasieu Ship Channel helping to create marsh for Cameron Parish</a>	KPLC TV	Maranda Whittington
07/05/2017	<a href="#">Tap tourists to promote Louisiana coastal work, business consultant says</a>	The Times-Picayune	Tristan Baurick
07/05/2017	<a href="#">Fight, flee, or wait and see? Locals face hard choices as Louisiana coast recedes</a>	Reuters	Ellen Wulfhorst
07/03/2017	<a href="#">Turtles head back to 'newly renovated home'</a>	Daily Comet	Keith Magill



07/03/2017	<a href="#"><u>Lost Near Sea</u></a>	Harvard Political Review	Beverly Brown
06/30/2017	<a href="#"><u>Walton Foundation donates \$15 million to help stop Louisiana's coastal erosion</u></a>	The Advocate	Ted Griggs
06/30/2017	<a href="#"><u>Conservation Groups Praise Lake Charles Mayor Roach for Leadership on Louisiana's Coast</u></a>	Restore The Mississippi River Delta	
06/27/2017	<a href="#"><u>These are the most vulnerable communities in Louisiana's coastal parishes</u></a>	The Times Picayune	Sara Sneath
06/27/2017	<a href="#"><u>Terrebonne residents learn about coastal protection</u></a>	Houma Today	Garrett Ohlmeyer
06/26/2017	<a href="#"><u>Worst Case Possible Comes True: Louisiana Sinking Fast</u></a>	VOA News	
06/26/2017	<a href="#"><u>\$15 million pledged to coalition that supports Louisiana coastal restoration</u></a>	The Times Picayune	Mark Schleifstein
06/25/2017	<a href="#"><u>Two trends coastal residents should care about</u></a>	Dailey Comet	Keith Magill
06/25/2017	<a href="#"><u>Cassidy says Interior chief open to discussing coastal money</u></a>	Houma Today	Keith Magill
06/22/2017	<a href="#"><u>Deepwater Horizon oil spill grants fund critical coastal research</u></a>	EurekAlert	LSU
06/22/2017	<a href="#"><u>Two Tulane studies expose LA's coastal vulnerability</u></a>	The Times Picayune	Mike Strecker
06/21/2017	<a href="#"><u>Louisiana coast will continue to erode while state waits for permits: Editorial</u></a>	The Times Picayune	The Times-Picayune Editorial Board
06/20/2017	<a href="#"><u>Tiny Asian bug destroying La. marsh cane at an alarming rate</u></a>	WWL-TV	David Hammer
06/16/2017	<a href="#"><u>A reviled plant could solve Louisiana's wetland-killing pest problem</u></a>	The Times Picayune	Tristan Baurick
06/16/2017	<a href="#"><u>Louisiana tells Trump administration how to speed coastal restoration permitting</u></a>	The Times Picayune	Mark Schleifstein
06/15/2017	<a href="#"><u>River diversions can help wetlands, but what about shrimpers, fishers, and wildlife?</u></a>	The Times Picayune	Tristan Baurick
06/14/2017	<a href="#"><u>New map highlights sinking Louisiana coast</u></a>	Tulane University	Barri Bronston
06/14/2017	<a href="#"><u>State needs to leverage BP funds to create new coastal restoration</u></a>	The Advocate	Timothy Boone



industry, report says

06/12/2017	<a href="#"><u>The 5 most expensive coastal restoration projects in Louisiana's master plan</u></a>	The Times Picayune	Tristan Baurick
06/07/2017	<a href="#"><u>Pace of Louisiana coastal restoration projects should quicken under bill passed by lawmakers</u></a>	Greater Baton Rouge Business Report	Stephanie Riegel
06/06/2017	<a href="#"><u>Louisiana coastal restoration, protection glossary</u></a>	The Times Picayune	Drew Broach
06/05/2017	<a href="#"><u>Trump's Coastal Restoration Disconnect from Louisiana's needs</u></a>	Bayou Buzz	Guest OpED
06/02/2017	<a href="#"><u>\$50 billion plan to save Louisiana coast approved by Legislature</u></a>	The Times Picayune	Mark Schleifstein
06/01/2017	<a href="#"><u>Once you shuck 'em, don't just chuck 'em! Local restaurants help recycle tons of oyster shells</u></a>	WGNO	Kenny Lopez
05/30/2017	<a href="#"><u>Trump admin. official acknowledges 'negative impact' of Louisiana coastal loss</u></a>	The Advocate	Faimon A. Roberts III
05/26/2017	<a href="#"><u>White House: Louisiana land loss a problem, but no money promises</u></a>	The Times Picayune	Mark Schleifstein
05/25/2017	<a href="#"><u>Experts tackle state waterway issues</u></a>	Houma Today	Dan Boudreaux
05/24/2017	<a href="#"><u>Bug invader's rapid destruction of coastal wetlands won't get a rapid response</u></a>	The Times Picayune	Tristan Baurick
05/23/2017	<a href="#"><u>Louisiana governor to Donald Trump: Your budget robs my state of coastal restoration money</u></a>	The Times Picayune	Mark Schleifstein
05/23/2017	<a href="#"><u>Trump budget kills offshore oil revenue sharing for Louisiana, other Gulf states</u></a>	The Times Picayune	Mark Schleifstein
05/23/2017	<a href="#"><u>Edwards: President's Budget Ignores Louisiana's Needs</u></a>	KATC	
05/22/2017	<a href="#"><u>Adapting to land loss in these 6 Louisiana parishes is topic of public meetings</u></a>	The Times Picayune	Sara Sneath
05/17/2017	<a href="#"><u>Corps of Engineers trying to speed Louisiana coastal permitting, official says</u></a>	The Times Picayune	Mark Schleifstein
05/17/2017	<a href="#"><u>Louisiana's \$50 billion coastal master plan, \$644 million annual plan OK'd by</u></a>	The Times Picayune	Mark Schleifstein



Senate

05/16/2017	<a href="#"><u>1 month into coastal emergency, Louisiana outlining concerns for Trump administration</u></a>	The Times Picayune	Mark Schleifstein
05/15/2017	<a href="#"><u>Reyher: Lafayette has a lot to lose from coastal erosion</u></a>	The Advertiser	Kimberly Davis Reyher





COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**COASTWIDE NUTRIA CONTROL PROGRAM – ANNUAL REPORT**

**For Report:**

Ms. Catherine Normand 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: Season 15

## CWPPRA Project LA-03B



Catherine Normand & Jennifer Manuel  
Louisiana Department of Wildlife & Fisheries



Coastal Environments, Inc.  
Baton Rouge, LA

## Program Funding

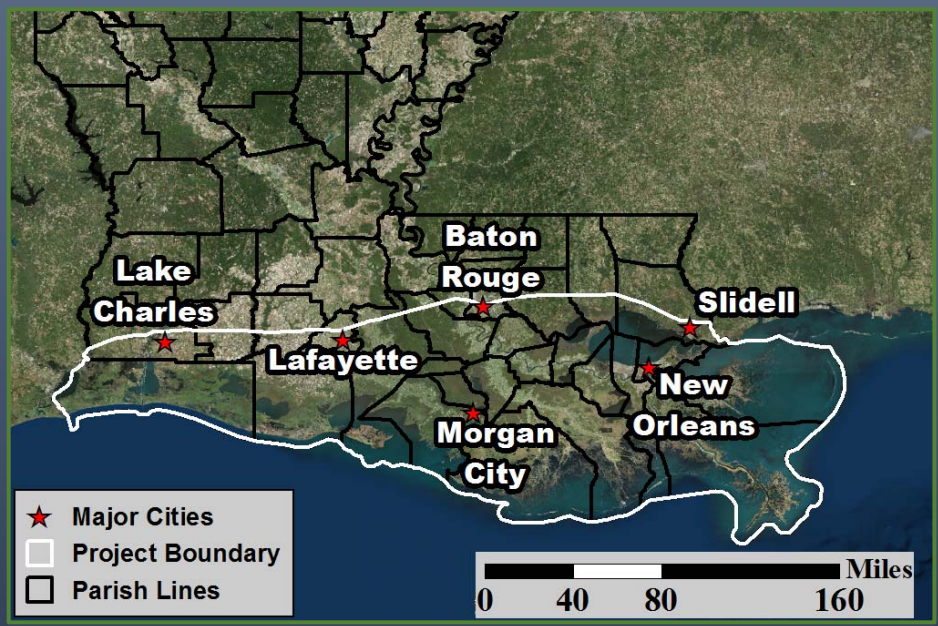
- Coastal Wetlands, Planning, Protection, and Restoration Act (CWPPRA)
  - USDA-Natural Resources Conservation Service (NRCS)
  - Louisiana Coastal Protection and Restoration Authority (CPRA)
- Implemented by Louisiana Department of Wildlife and Fisheries (LDWF) and Coastal Environments Inc. (CEI)

## Coastwide Nutria Control Program

- Established 2002
- Goal: reduce marsh damage from nutria herbivory by removing 400,000 nutria/season
- Method: incentive payments to registered hunters/trappers
  - \$4/tail 2002-2005
  - \$5/tail 2006-present



## Program Boundary



# Participation

→ Applications available by calling New Iberia Field Office or at [nutria.com](http://nutria.com)

**COASTWISE NUTRIA CONTROL PROGRAM**  
 PARTICIPANT APPLICATION FORM (CWT-2010)  
 Registration Period: September 1, 2017 through February 28, 2018

SSN: \_\_\_\_\_ TRAPPING LICENSE NUMBER: \_\_\_\_\_  
 NAME: \_\_\_\_\_ MAILING ADDRESS: \_\_\_\_\_  
 CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 EMAIL: \_\_\_\_\_ Do you prefer PHONE CALLS or EMAIL? (circle one)  
 BIRTH DATE: \_\_\_\_\_ DRIVER'S LICENSE NO: \_\_\_\_\_ STATE: \_\_\_\_\_  
 SIGNATURE OF APPLICANT: \_\_\_\_\_ DATE: \_\_\_\_\_

Have you previously participated in the program? YES NO (Please circle answer)  
 If yes, were you a PARTICIPANT or an ASSISTANT?  
 What was the last season you participated?  
 Will you be trapping/hunting the same property? YES NO

I WISH TO TAKE NUTRIA ON PROPERTY OWNED OR MANAGED BY:  
 PROPERTY OR LANDOWNER NAME: \_\_\_\_\_  
 REPRESENTATIVE NAME: \_\_\_\_\_ LANDOWNER or LAND MANAGER (circle one)  
 ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_  
 ZIP: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 To be completed by Landowner/Manager ONLY: \_\_\_\_\_  
 Signature of Landowner/Manager \_\_\_\_\_ DATE: \_\_\_\_\_  
 If Trapped/Less: Date of Expire: \_\_\_\_\_

DESCRIPTION OF AREA TO BE TRAPPED/HUNTED  
 WITH THIS APPLICATION YOU MUST SUBMIT: 1) COPY OF COMPLETE PROPERTY TAX RECEIPT OR 2) A LEGAL TRAPPING LEASE. EITHER OF THESE MUST CONTAIN TOWNSHIP, RANGE AND SECTION INFORMATION. YOU MUST ALSO INCLUDE A MAP OF THE PROPERTY TO BE TRAPPED/HUNTED. THIS SECTION MUST BE COMPLETED IN ORDER FOR YOUR APPLICATION TO BE PROCESSED.

PARISH: \_\_\_\_\_ TOTAL ACRES TO BE TRAPPED/HUNTED: \_\_\_\_\_  
 TOWNSHIP: \_\_\_\_\_ RANGE: \_\_\_\_\_ SECTION: \_\_\_\_\_  
 TOWNSHIP: \_\_\_\_\_ RANGE: \_\_\_\_\_ SECTION: \_\_\_\_\_

DO NOT WRITE BELOW THIS LINE  
 NUTRIA CONTROL PROGRAM REGISTRATION # ISSUED TO THIS APPLICANT: \_\_\_\_\_

LA DEPARTMENT OF WILDLIFE AND FISHERIES  
 COASTWISE NUTRIA CONTROL PROGRAM  
 2010 - 2011 SEASON  
 PARTICIPANT IDENTIFICATION CARD

NAME: \_\_\_\_\_  
 NUTRIA CONTROL REGISTRATION NO.: \_\_\_\_\_  
 HUNTER TRAPPING NO.: \_\_\_\_\_  
 DRIVER'S LICENSE NO.: \_\_\_\_\_

ASSISTANCE/INFORMATION: (866) 590-8040  
[nutria@coastalem.com](mailto:nutria@coastalem.com)

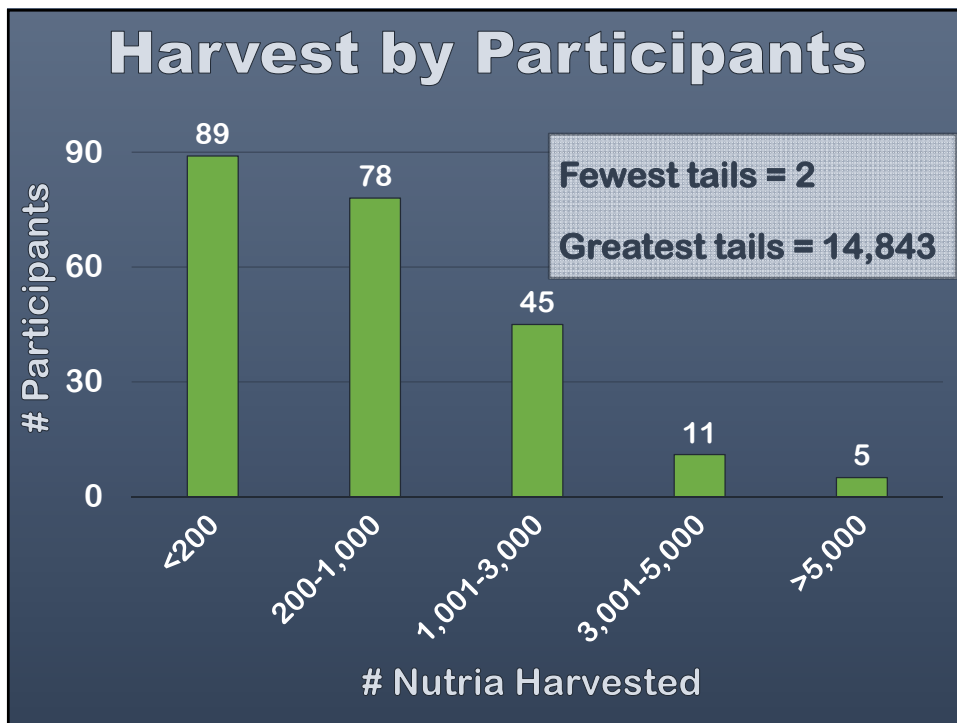
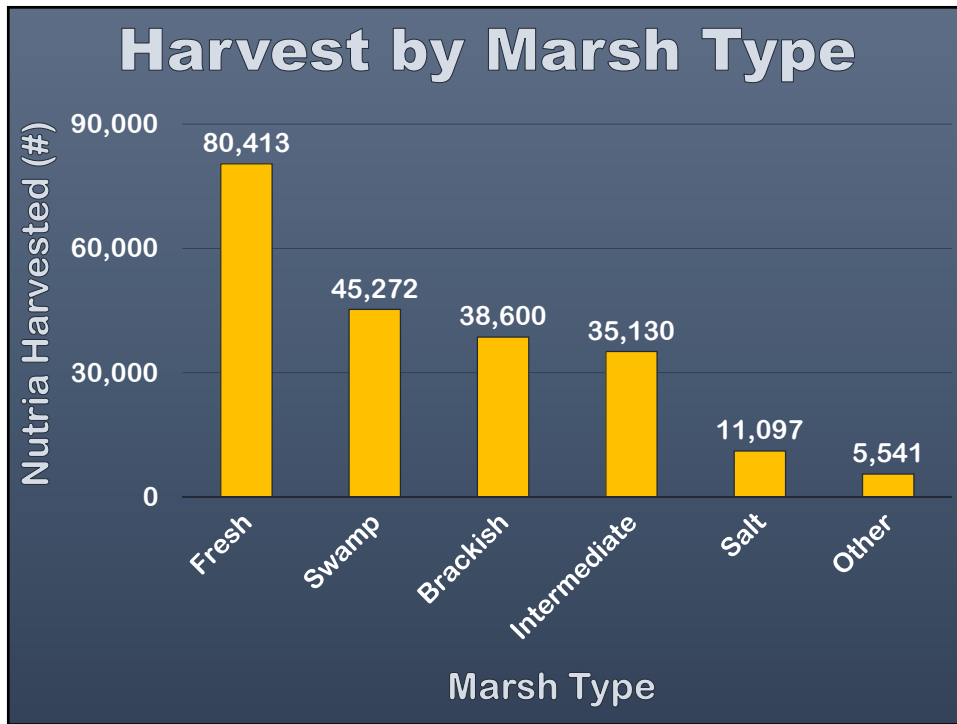
THIS NUTRIA CONTROL PARTICIPANT IS AUTHORIZED TO TRAP/HUNT THE FOLLOWING AREAS:

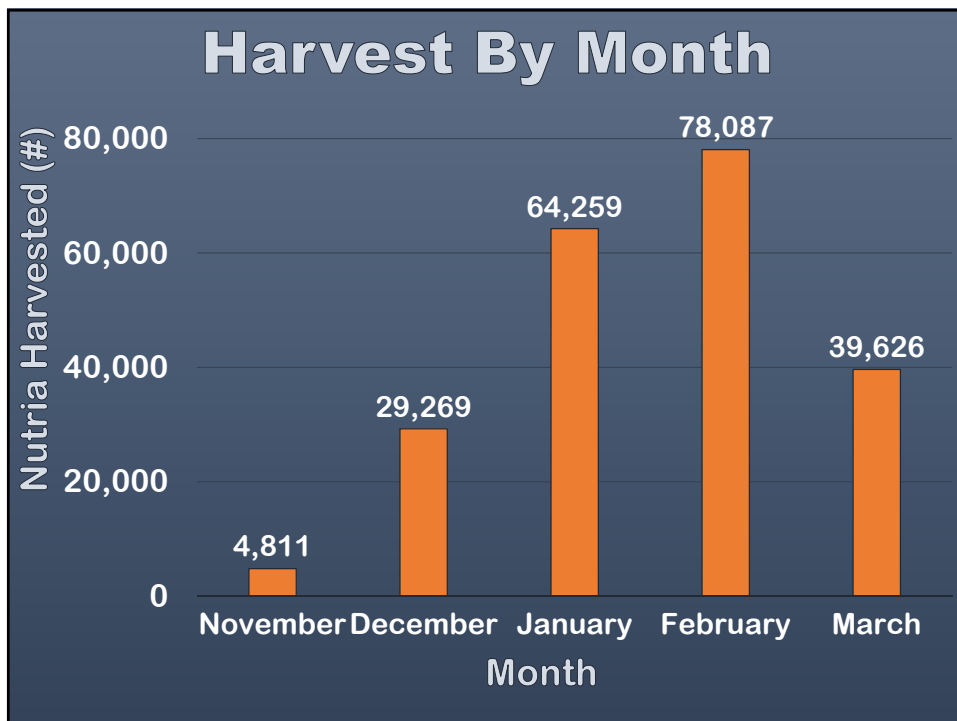
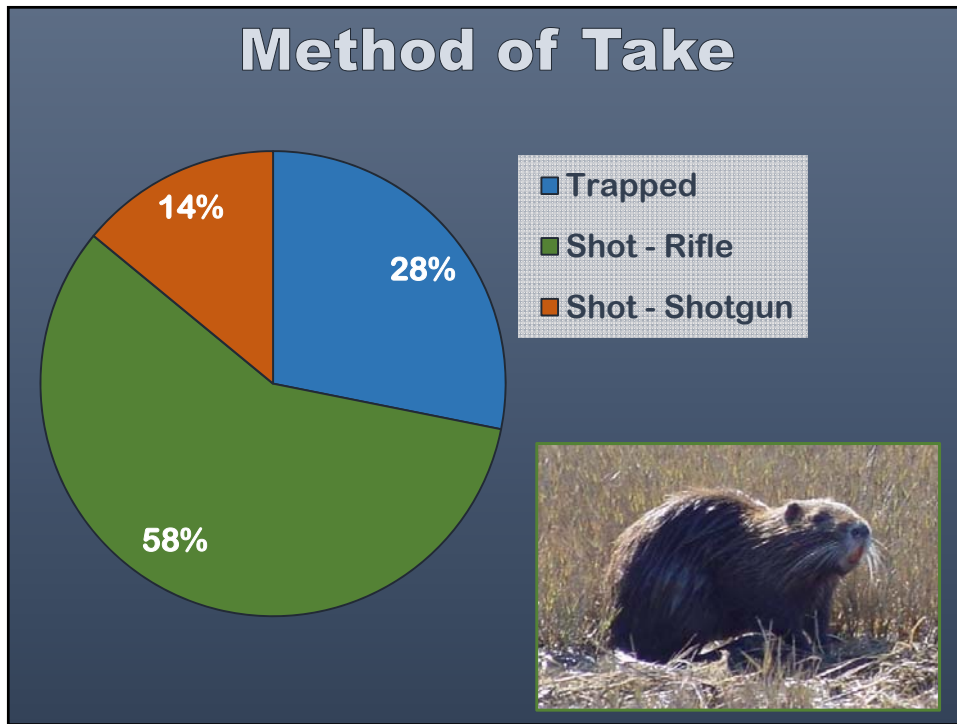
(PARISH: \_\_\_\_\_ LAND OWNER: \_\_\_\_\_ TOWNSHIP-RANGE-SECTION)

LAFOURCHE PARISH BOUDREAUX, JOE T14S-R18E-32, 33, 34 T15S-R13E-1, 2	ST. MARTIN PARISH LANDRY, MERVAL T14S-R18E-22, 23 T15S-R13E-6, 9, 12
ASSUMPTION PARISH LANDRY, MERVAL T12S-R16W-13, 14, 15, 16	

# CNCP 2016-2017 Season

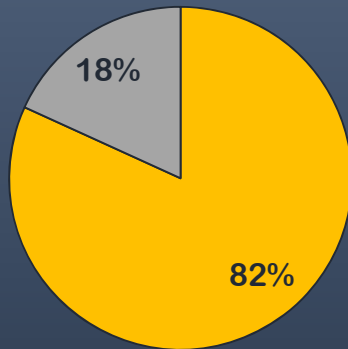






## Night Harvest – March

→ 7,213 nutria harvested by 17 participants

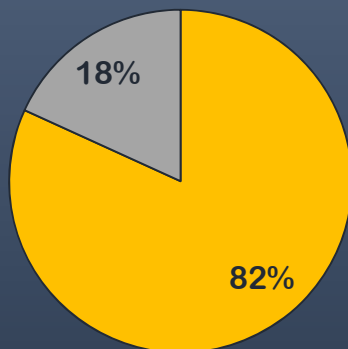


■ March Daytime Harvest  
□ March Nighttime Harvest

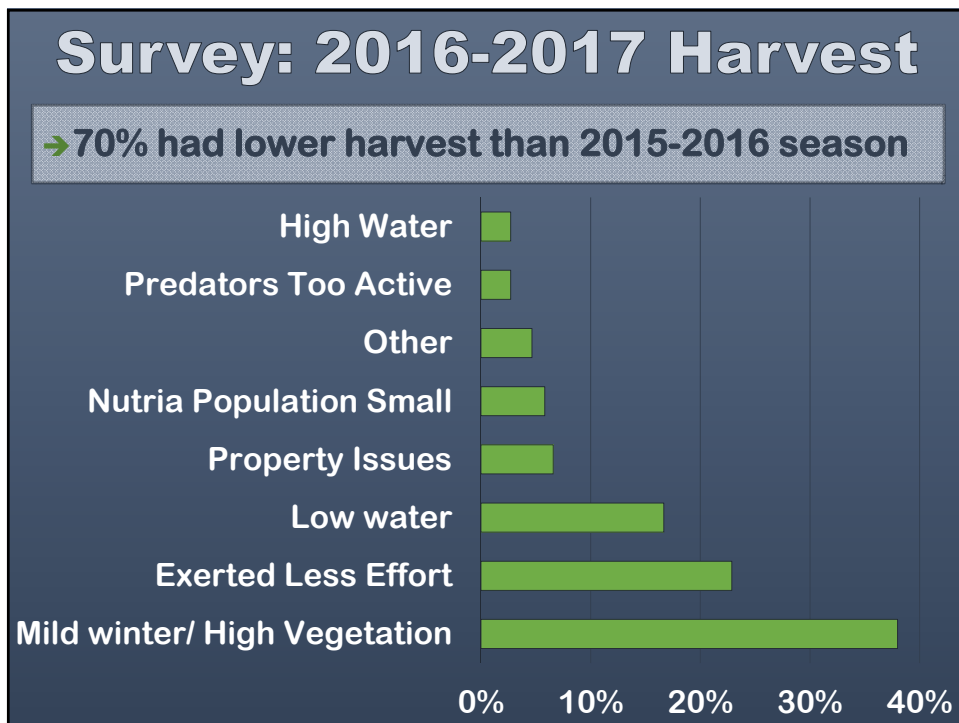
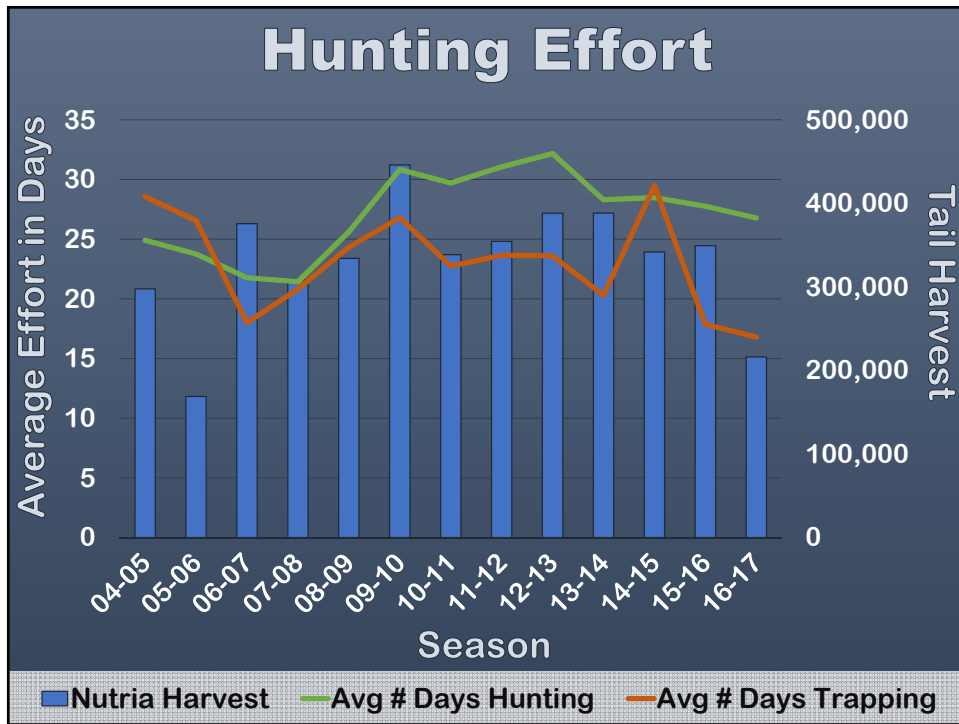
## Night Harvest – March

→ 7,213 nutria harvested by 17 participants

→ Outlaw Quadruped, Nutria, & Beaver Night Take Permit – allow night harvest all season



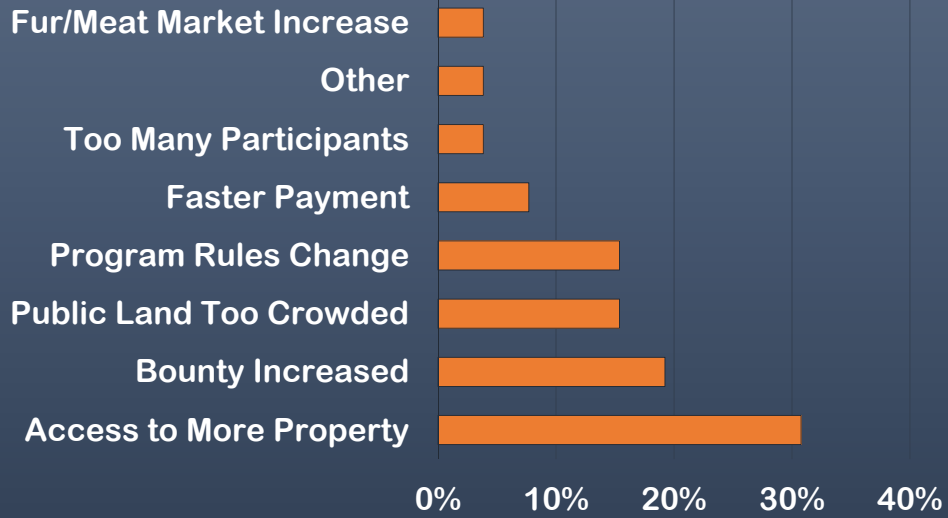
■ March Daytime Harvest  
□ March Nighttime Harvest



## Survey: Participant Satisfaction

→91% Satisfied

→9% Not Satisfied

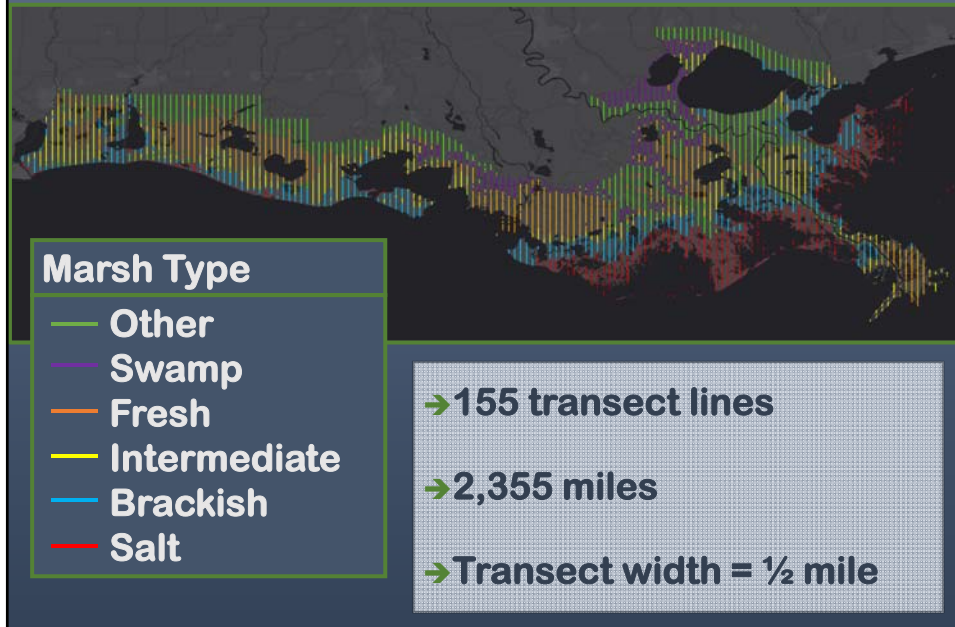


## Herbivory Survey: 2017

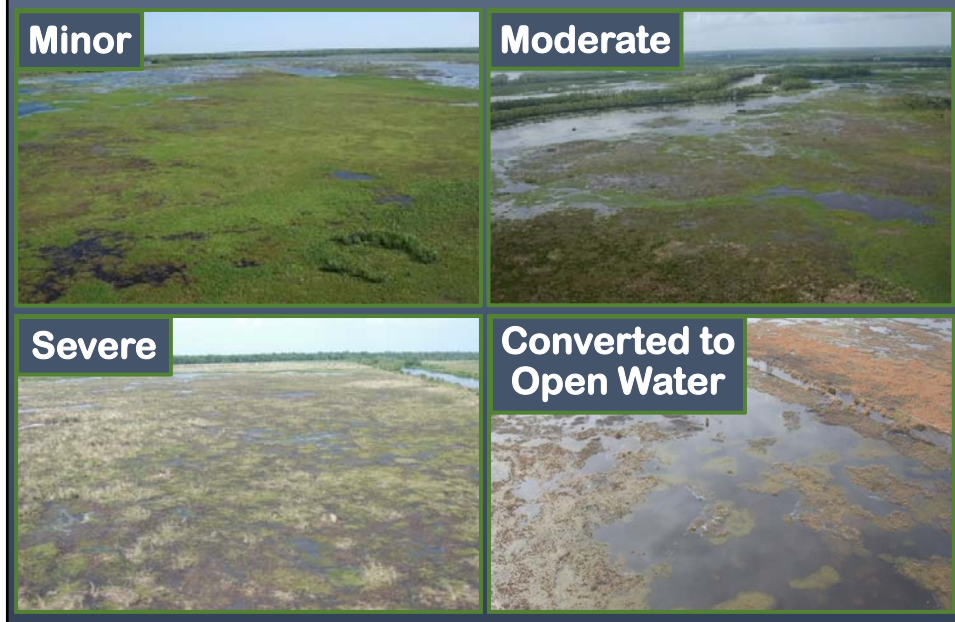
206-B Bell Jet Ranger

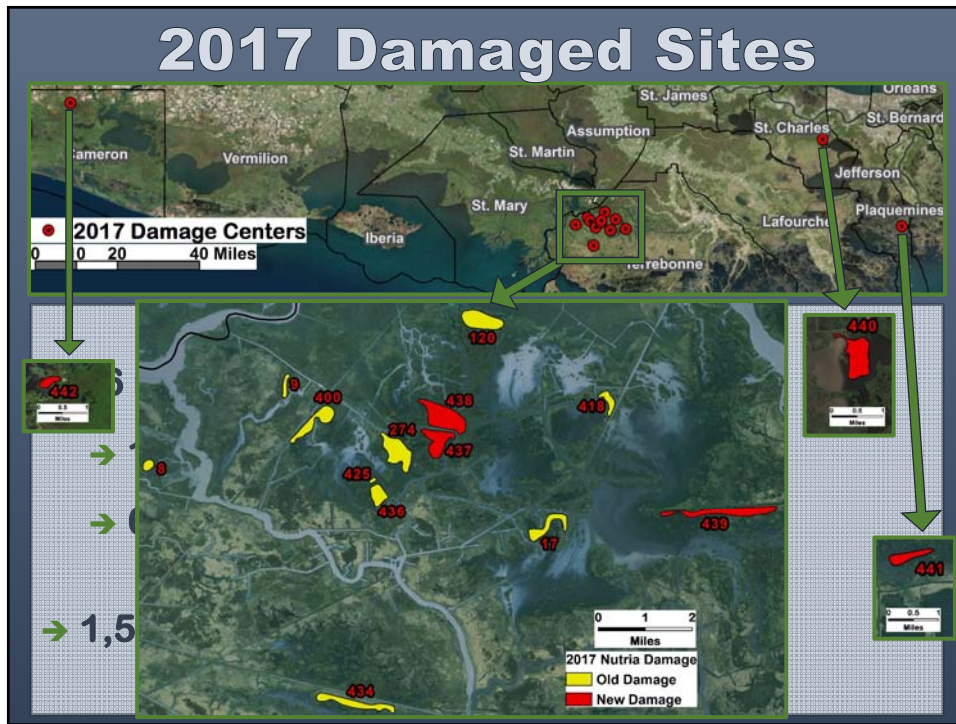


## Transect Lines



## Damage Assessment

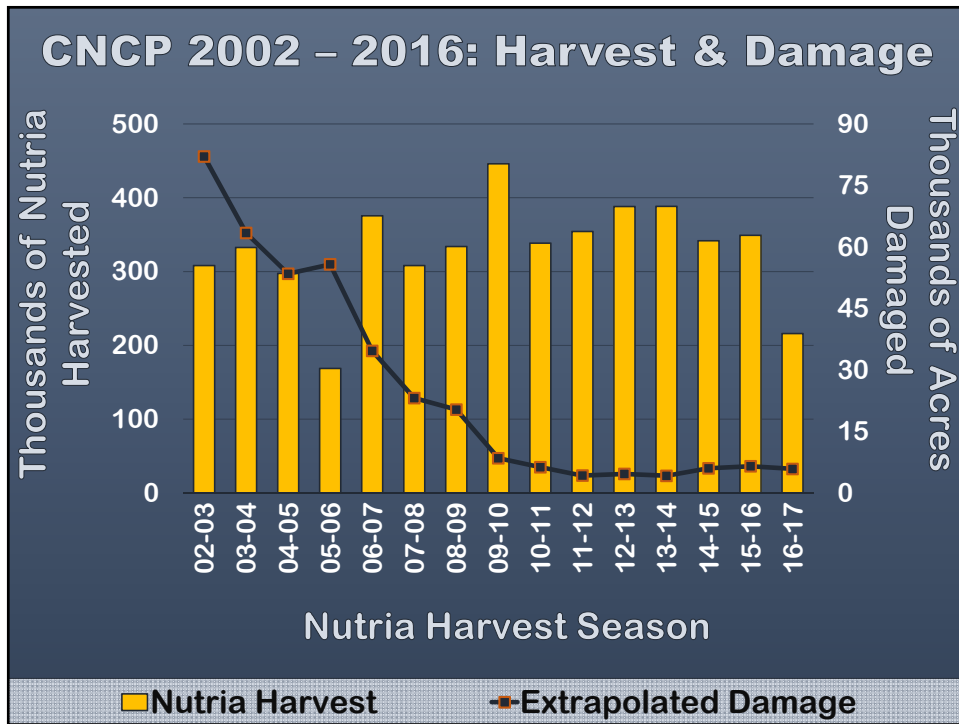




## 2017 Damaged Sites

Site ID	Acres	Changes in Acreage from 2016	Vegetative Damage Rating	Marsh Type
8	24	0	Minor	Fresh
9	24	3	Minor	Fresh
17	90	-176	Moderate	Fresh
120	145	-752	Minor	Fresh
274	159	85	Moderate	Fresh
400	114	-49	Minor	Fresh
418	43	24	Moderate	Fresh
425	6	-10	Moderate	Fresh
433	Recovered	-16		Fresh
434	120	-78	Minor	Fresh
436	63	*	Minor	Fresh
437	122	*	Minor	Fresh
438	208	*	Moderate	Fresh
439	164	*	Moderate	Fresh
440	174	*	Severe	Brackish
441	72	*	Moderate	Fresh
442	35	*	Minor	Fresh

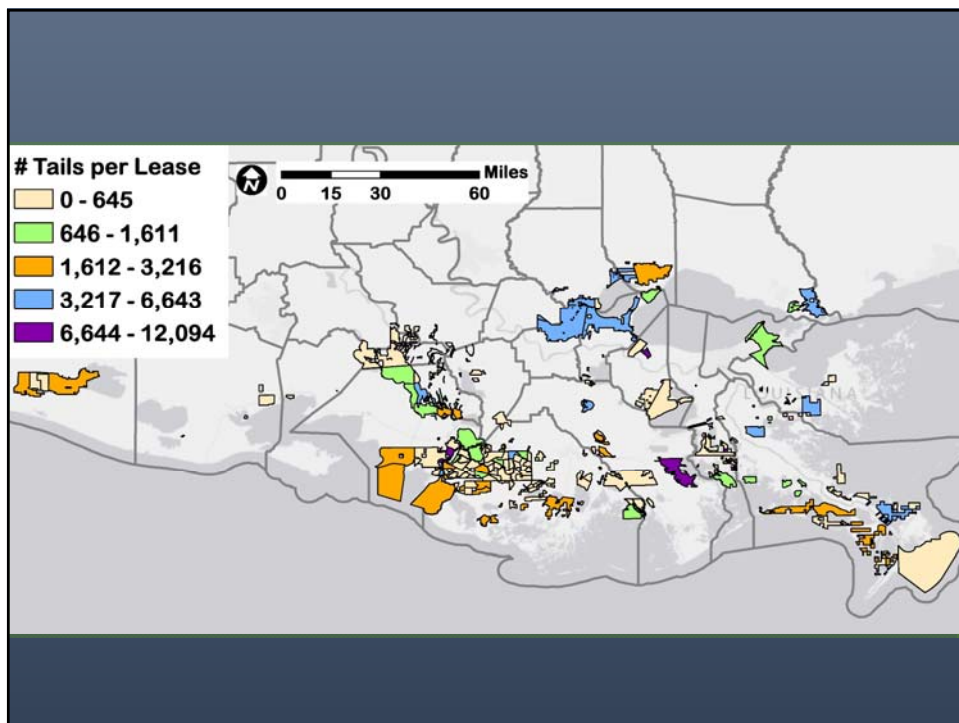
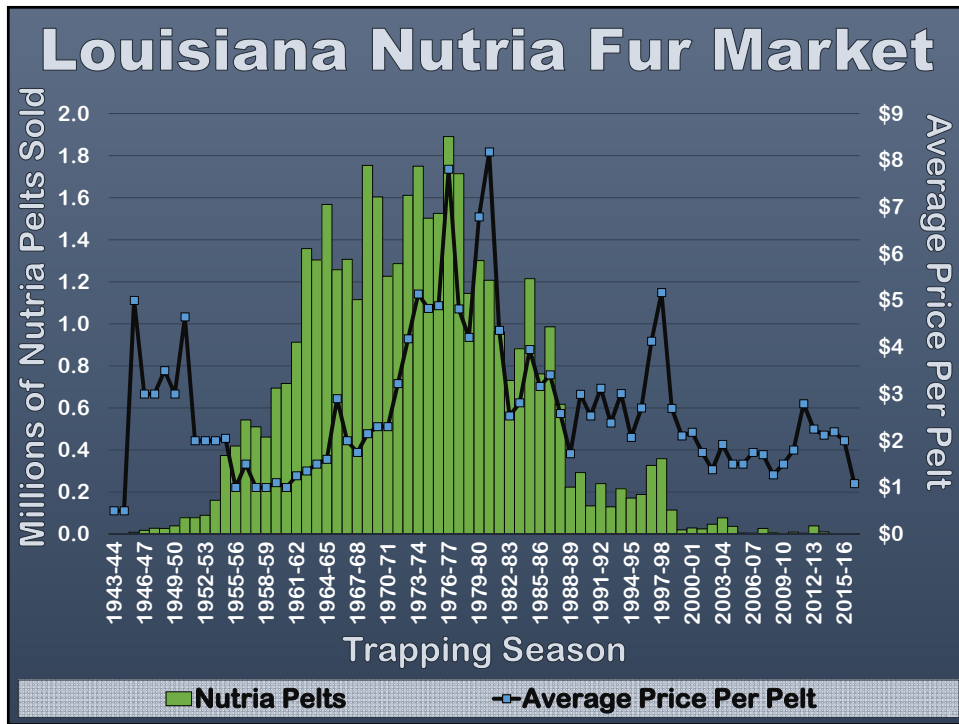




## Questions?

**Nutria.com**

[cnormand@wlf.la.gov](mailto:cnormand@wlf.la.gov)





COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**REQUEST FOR A NO COST INCREASE TIME EXTENSION FOR THE POINT AU  
FER CANAL PLUGS (TE-22) PROJECT**

**For Decision:**

NOAA Fisheries and CPRA request a one year no cost increase time extension for the Point au Fer Canal Plugs (TE-22) project. The project was constructed in 1997 with a 20 year life expiration this year. At the request of the landowner, signage is being replaced on most of the structures prior to closing out the project while the structures are to be left in place.

**Technical Committee Recommendation:**

The Task Force will vote on the Technical Committee's recommendation to approve the no cost time extension for the TE-22 project.





# Point Au Fer Canal Plugs (TE-22)

## Project Status

**Approved Date:** 1992      **Project Area:** 5,230 acres

**Approved Funds:** \$5.51 M      **Total Est. Cost:** \$5.51 M

**Net Benefit After 20 Years:** 375 acres

**Status:** Completed May 2000

**Project Type:** Shoreline Stabilization and  
Hydrologic Restoration

**PPL #:** 2

## Location

The project is located on Point Au Fer Island, approximately 30 miles south of Morgan City, Louisiana, in Terrebonne Parish. The project is divided into two areas. Area 1 consists of saline and brackish marshes on the southeastern portion of the island between Mosquito Bay and the Gulf of Mexico. Area 2 consists of brackish marsh on the southwestern portion of Point Au Fer.

## Problems

Pipeline canals and access channels on Point Au Fer Island are conduits for saltwater intrusion into the island's interior marshes. During periods of low river flow in which the input of fresh water declines, the elevated salinity levels cause the breakup of the island's marshes. In addition, storm-induced breaches along sections of the gulf shoreline immediately adjacent to oilfield canals also allow salt water to penetrate the island's interior.

## Restoration Strategy

Under Phase 1, a series of wooden plugs reinforced with oyster shells was constructed in two major natural gas/oil pipeline canals on the eastern half of the island. Under Phase 2, a rock shoreline stabilization structure was built along a thin stretch of beach separating the Gulf of Mexico from a minerals access canal. The project has reestablished the natural hydrology of the island, preventing saltwater intrusion into the island's interior brackish marshes and protecting over 4,000 acres of wetlands habitat.

## Progress to Date

The shoreline erosion rate along the plugged canals (Phase/Area 1) has not been reduced. Visual observations indicate that the shoreline stabilization project (Phase/Area 2) has halted erosion, but monitoring data is still under analysis. This project is on Priority Project List 2.



The beach where a pipeline canal meets the Gulf of Mexico has been stabilized with concrete mats thus preventing saltwater intrusion into the interior wetlands of Point au Fer Island.



This section of Mobil Canal was backfilled and armored with rock to reestablish the separation between the canal and the gulf so that salt water would be prevented from damaging the intermediate marshes in the interior of the island.

*For more project information, please contact:*



**Federal Sponsor:**  
National Marine Fisheries Service  
Baton Rouge, LA  
(225) 389-0508



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

Atchafalaya Bay

Point Au Fer Island

Mosquito Bay

Bay  
Castagnier

Gulf of Mexico

# Point Au Fer Canal Plugs (TE-22)


	<b>Plug</b>
	<b>Shoreline Protection</b>
	<b>Project Boundary</b>

**USGS**  
science for a changing world




**Louisiana**


Project Location




N



0 1 Miles



0 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:  
Thematic Mapper Satellite Imagery 2000  
Map Date: June 10, 2002  
Map ID: 2002-11-449  
Data accurate as of: June 10, 2002

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**REQUEST FOR EARLY CLOSEOUT AND BUDGET INCREASE TO RECONCILE  
O&M COSTS FOR THE HIGHWAY 384 HR PROJECT**

**For Decision:**

CPRA and NRCS request early closeout of the CS-21. The project sponsors request \$226,854.34 to reconcile current budget shortfall and cover close out costs. The project will be closed out by February 2018.

**Technical Committee Recommendation:**

The Task Force will vote on the Technical Committee's recommendation to approve early closeout and budget increase for the CS-21 project.



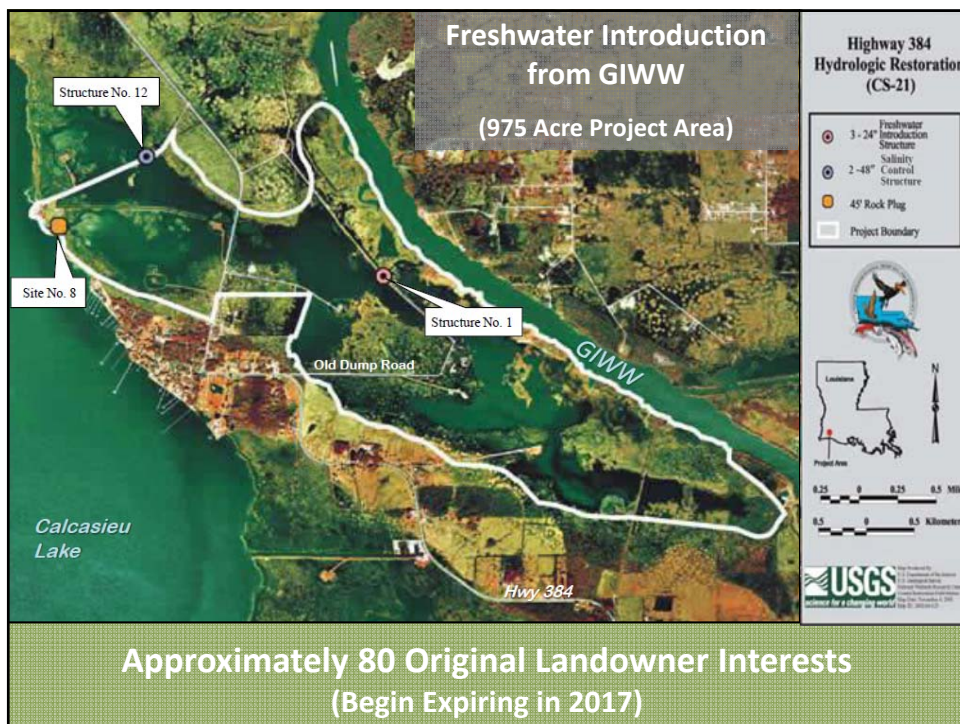
## CS-21 HWY 384 Hydrologic Restoration Project (PPL 2) Request for O&M Budget Increase to Reconcile Costs and Project Close Out



### Project Summary:

Construction Completion – January 2000  
Federal Sponsor – NRCS

- Actual Construction Cost - \$163,278
- O&M Budget - \$838,541
- Monitoring Budget - \$429,962



### CS-21 Hwy 384 – Project Success West Side of Highway near Calcasieu Lake (2012-2017)

March 4, 2012

May 5, 2013

March 13, 2017

January 24, 2015

The Project has been effective in converting open water into marsh.  
CRMS data indicates that overall land gain is 83 acres over project life.

### CS-21 Hwy 384 East Side of Highway near Freshwater Intro (2012-2017)

March 4, 2012

May 5, 2013

March 13, 2017

January 24, 2015

Near Structure No. 1, vegetation expanded substantially after the  
2015 Maintenance Event to dredge the freshwater inlet channel.

## CS-21 HWY 384 Hydrologic Restoration Project

### Options Considered

**Continue to 2020:** The project has been successful in expanding vegetation within the project area. However, the current landrights agreements are expiring at 17 years of the project life. The heirs are expected to be within the hundreds with an estimated cost of \$190,000 to obtain extensions and establish new agreements. This cost, the time to execute agreements, and the required maintenance costs outweigh the benefits that would be seen within the next two years.

**20 YR Extension:** After evaluating the projected O&M and Monitoring costs for an additional 20 years, the project team determined that it was unlikely that the Technical Committee and Task Force would support a project extension.

**Therefore, it is requested that the project budget be reconciled for expenditures and future costs through February 2018 to proceed with close out of the project.**

## CS-21 HWY 384 Hydrologic Restoration Project (PPL 2)

### O&M Budget Breakdown

**FY15-FY18 O&M EXPENDITURES - ( \$437,574.36 )**

- 2015 Maintenance Event (Inlet Channel Dredging, Levee Repair, Structure Maintenance)
- State Staff Time, IDC Charge
- Operations Contract, Miscellaneous Maintenance

**REMAINING O&M FUNDS - \$197,053.02**

- LANA Report February 2017.
- Includes expenditures through FY2014

**NRCS DEOBLIGATED MIPR - \$13,670.00**

- Returned to O&M Budget

**BUDGET INCREASE REQUEST AMOUNT- \$226,851.34**

- Reconciles current expenditures
- Includes projected costs through February 2018

**CS-21 O&M Budget to Reconcile Expenditures (Construction Complete January 2000)**

**Scenario: Close Out February 2018 (prior to 20 Year End of Life)**

<b>FY</b>	<b>Salaries &amp; Benefits<sup>2</sup></b>	<b>IDC Charge<sup>3</sup></b>	<b>Operations Contract</b>	<b>Maintenance<sup>4</sup></b>	<b>Total FY Expenditures</b>
2015	\$27,643.48	\$49,851.04	\$7,500.00	\$31,254.32	\$116,248.84
2016	\$46,572.76	\$73,677.37	\$8,400.00	\$114,737.84	\$243,387.97
2017	\$15,625.71	\$24,722.84	\$8,400.00	\$1,485.00	\$50,233.55
Proj. 2018 (partial)	\$6,768.00	\$13,536.00	\$4,900.00	\$2,500.00	\$27,704.00
<b>FY15 - FY18 TOTAL =</b>					<b>\$437,574.36</b>
<b>REMAINING O&amp;M FUNDS<sup>1</sup> =</b>					<b>\$197,053.02</b>
<b>(NRCS) DEOBLIGATED MIPR =</b>					<b>\$13,670.00</b>
<b>BUDGET INCREASE REQUEST =</b>					<b>\$226,851.34</b>

**NOTES:**

LANA Report Feb 2017, Does not include Expenditures beyond FY 2014
<sup>2</sup> <i>Inspection, Admin Maintenance, permit reviews, Landrights Admin</i>
<sup>3</sup> <i>IDC Charge at 200% for future projected costs. Actual IDC Charges used for 2015-2017</i>
<sup>3</sup> <i>Annual Data Transmission Fee - \$900.00</i>
<i>Maintenance Event (inlet channel dredging, levee repair, structure maintenance (2015-2016)</i>
<i>Miscellaneous maintenance activities (equipment removal, site cleanup, etc.)</i>



**State of Louisiana**

**Coastal Protection and Restoration Authority  
of Louisiana (CPRA)**

**2015 Short Summary Report**

for

**Highway 384 Hydrologic Restoration  
(CS-21)**

State Project Number CS-21  
Priority Project List 2

October 2015  
Cameron Parish

Prepared by:  
Mike Miller



CPRA/Office of Coastal Protection and Restoration  
Lafayette Field Office  
635 Cajundome Boulevard  
Lafayette, LA 70506

## **Preface**

The Highway 384 Hydrologic Restoration Project (CS-21) 2015 short summary report includes herbaceous vegetative and submerged aquatic vegetation monitoring data collected from January 2014 to December 2015.

This report is intended to update NRCS on the status of vegetation and SAV in the project area. For more detailed analyses, see the previous four comprehensive OM&M Reports (2004, 2005, 2007, and 2010 online at <http://lacoast.gov/new/Projects/Info.aspx?num=CS-21>). A final comprehensive OM&M report is planned for 2019.

## **Monitoring Activity**

In order to provide an end of project life assessment for the project, emergent vegetation and SAV sampling was performed in August 2015 at project and reference sites (Figure 1).

### **a. Monitoring Goals**

The objective of the La. Highway 384 Hydrologic Restoration Project is to protect and maintain 935 ac (378 ha) of intermediate and brackish wetlands by reducing water level variability, thereby increasing the abundance of emergent vegetation.

The following goals will contribute to the evaluation of the above objective:

1. Decrease the rate of marsh loss in the project area.
2. Reduce water level variability within the project area.
3. Maintain salinity levels within CTU 1 at  $\leq 10$  ppt for brackish marsh vegetation.
4. Maintain salinity levels in CTU 2 and CTU 3 within the 0-5 ppt target range (1997 – 2004) and 0-7 ppt (2005 – present) for intermediate marsh vegetation.
5. Increase the coverage of emergent wetland vegetation and submersed aquatic vegetation (SAV) in shallow open water areas within the project area.

Only goal 5 above will be assessed in this report.

### **b. Preliminary Monitoring Results and Discussion**

#### **Submerged Aquatic Vegetation**

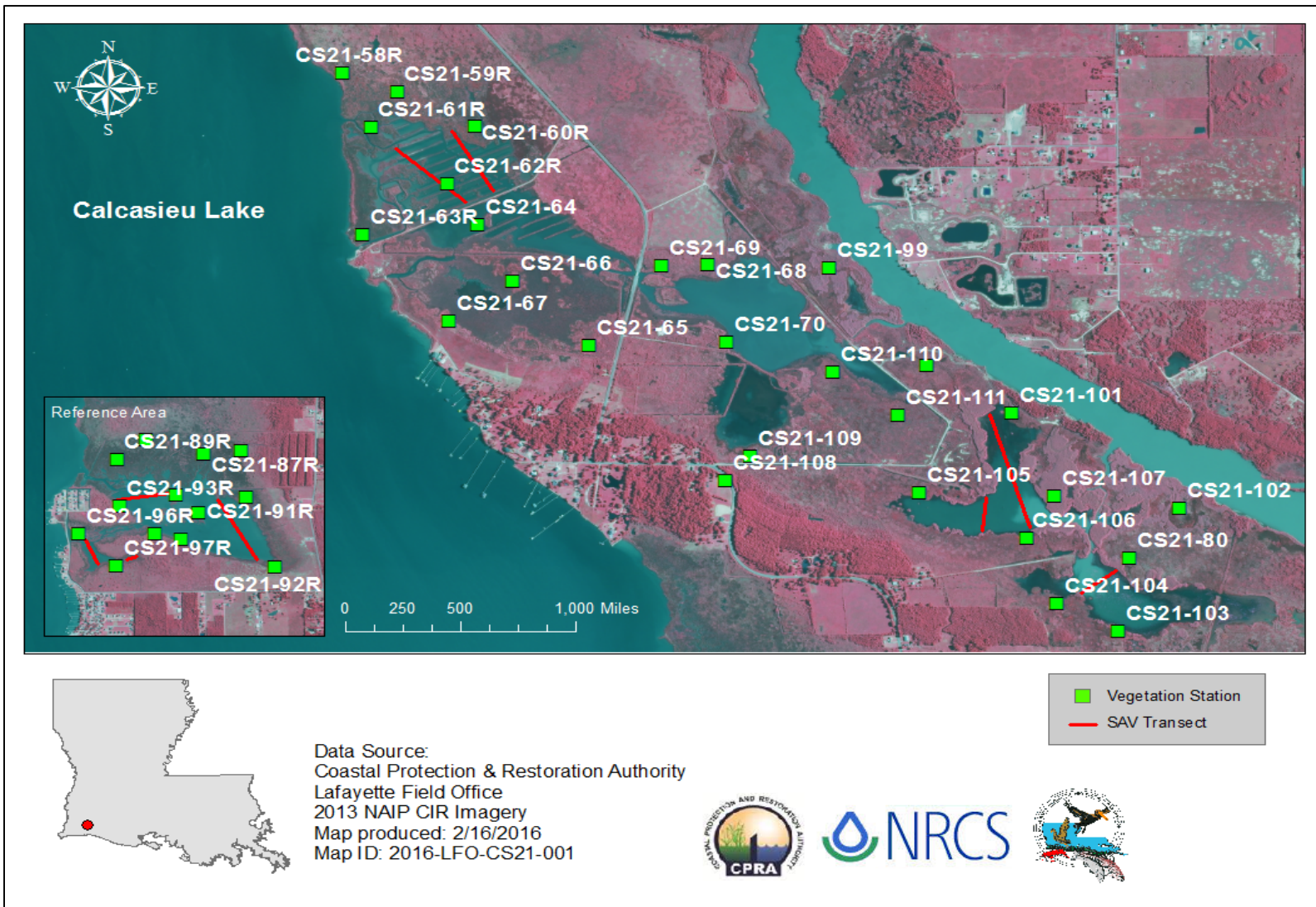
The project goal for SAV was to increase cover or frequency of occurrence. SAV was measured pre-construction in 1996 and 1997 and post-construction in 2002 and 2015 (Figure 2). SAV cover increased every year measured in the project area while it was rarely present in the reference area (Figure 3).

In 1996, 1997, and 2002 the project area was dominated by *Ruppia maritima* with some *Najas guadalupensis*, *Myriophyllum spicatum*, and a few other SAV species (Figure 2). In the reference area a very small amount of *R. maritima* was found in 1996 and 1997, some in 2002. In 2015, the project area was still covered in SAV, but the dominant species had shifted from the

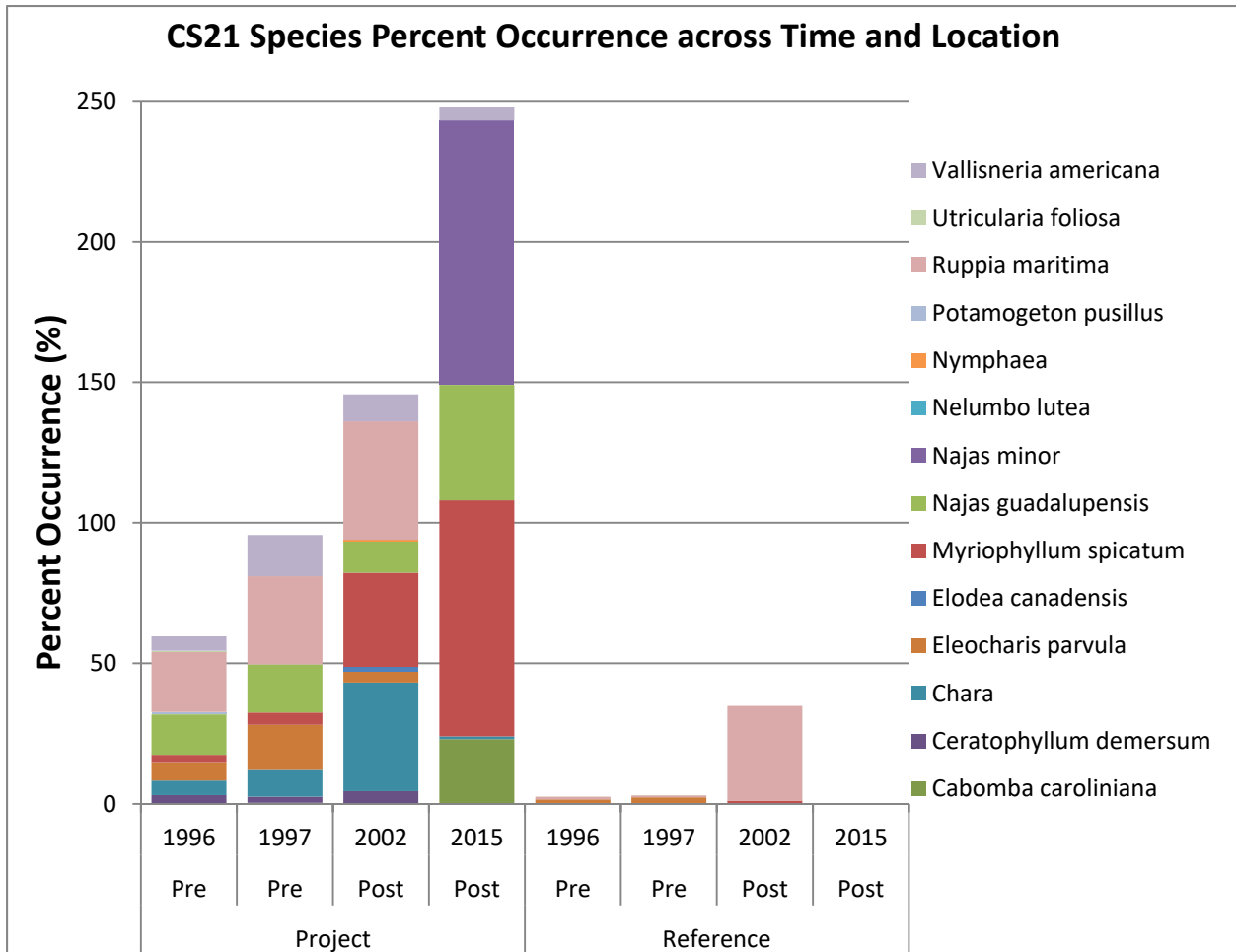
more salt tolerant *R. maritima* to fresher species like *M. spicatum* and *Najas minor*. No SAV was found in the reference area in 2015. Salinities during sampling in 2015 were <1 ppt in the project area and over 16 ppt in the reference area. Water levels were so low that several ponds in the project area were dry in 2015.

### **Emergent Vegetation**

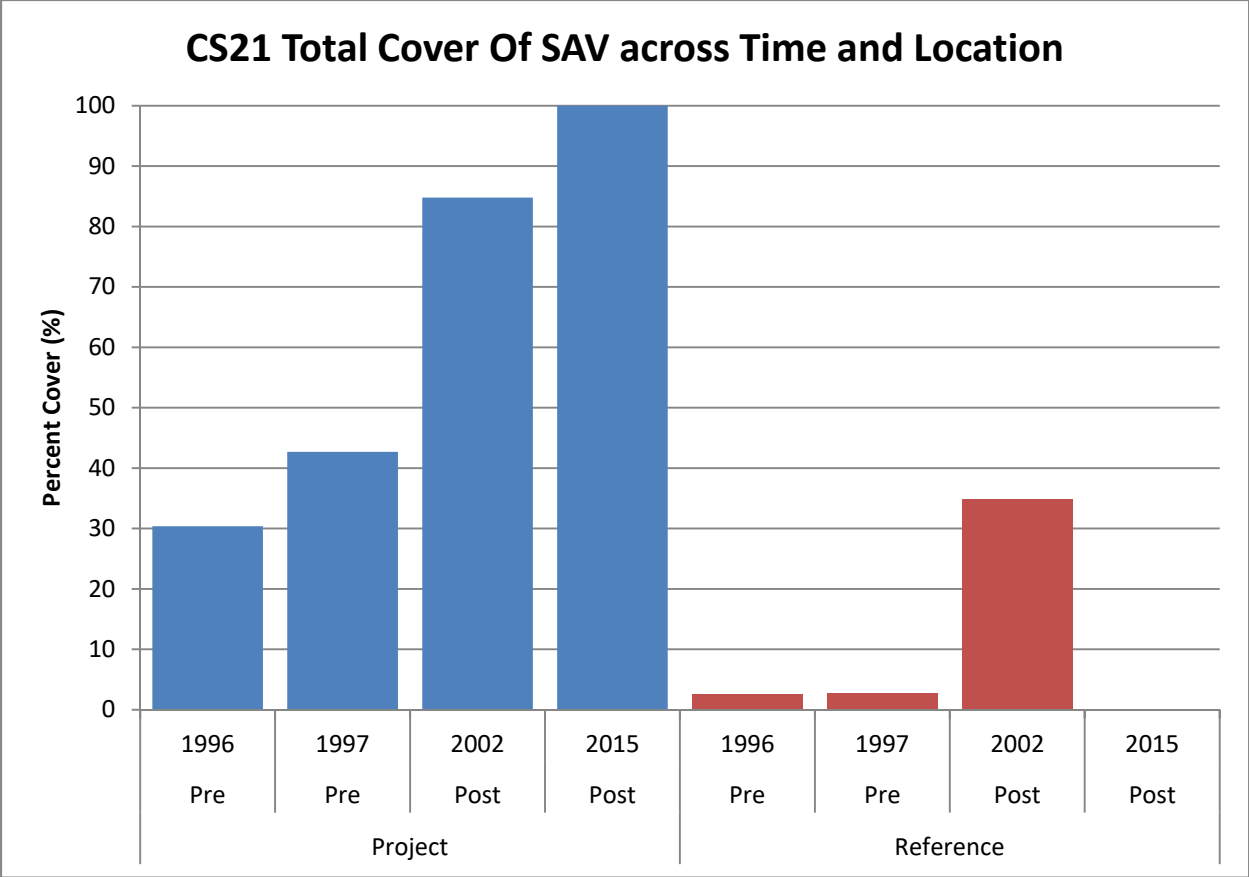
The project goal for emergent vegetation was to increase cover in the project area. Vegetation recovered from Hurricane Rita from 2006 to 2008 but had decreased overall by 2015, most likely due to very dry conditions (Figure 4). Vegetation in the project area has shifted from Saline species to Intermediate species over time and is now dominated by *Spartina patens* and *Paspalum vaginatum* along with several other species including *Phragmites australis*, *Distichlis spicata*, *Juncus roemerianus* and *Pluchea camphorata*. Cover of saline vegetation in the reference area has remained high throughout the project.



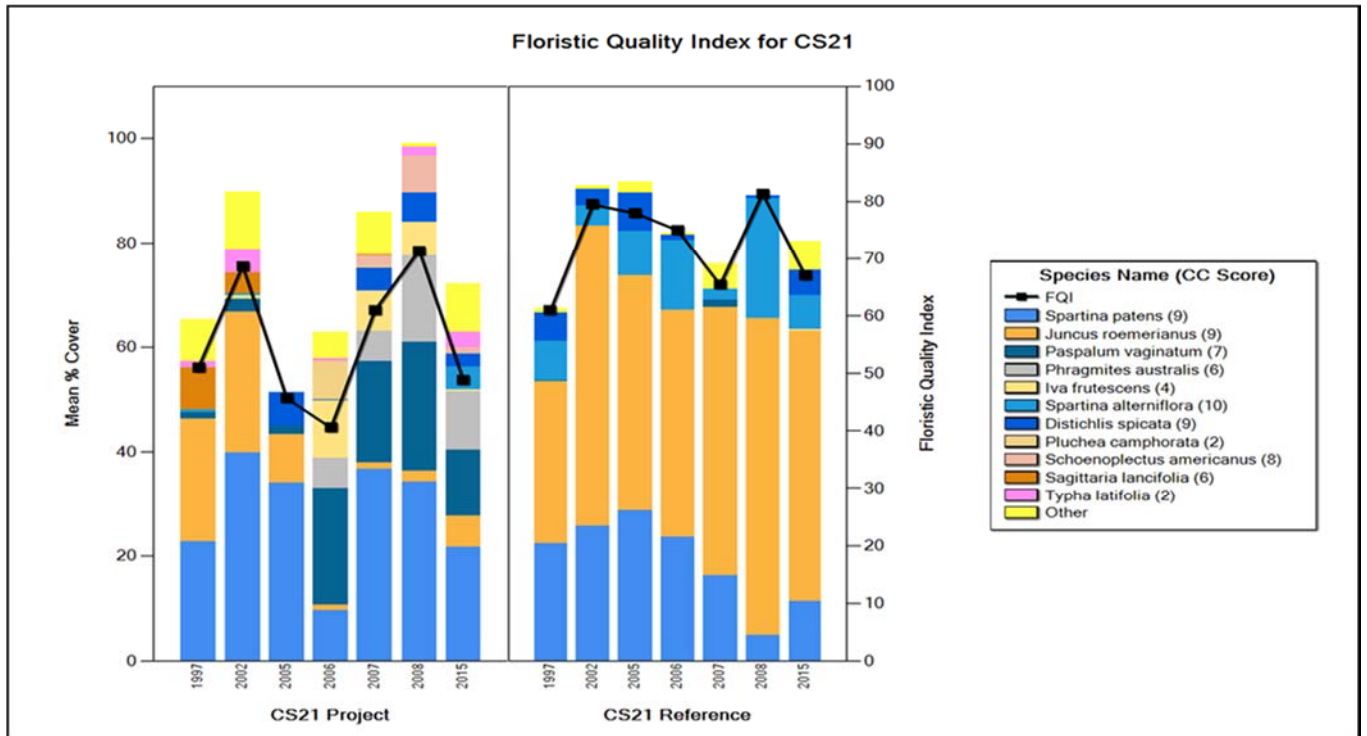
**Figure 1.** Location of herbaceous vegetation stations and SAV transects within the La. Highway 384 Hydrologic Restoration (CS-21) project.



**Figure 2.** Percent occurrence of SAV species within the project and reference area pre-and post-construction.



**Figure 3.** Total percent cover of SAV within the project and reference area for pre-construction in 1996 and 1997 and post-construction in 2002 and 2015.



**Figure 4.** Floristic Quality Index (FQI) and mean % cover of emergent vegetation species within the project and the reference area from 1997 to 2015.

## V. Conclusions

### a. Project Effectiveness

The project has effectively protected intermediate vegetation and encouraged the growth of SAV.



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**REQUEST FOR INITIAL TRANSFER OF THE SHELL BEACH SOUTH  
MARSH CREATION PROJECT (PO-168)**

**For Decision:**

The U.S. Environmental Protection Agency and the Coastal Protection and Restoration Authority request the initiation of formal transfer procedures for the Shell Beach South Marsh Creation Project (PO-168). It is recommended that the project be transferred because restoration of the project is being implemented within the Louisiana Trustee Implementation Group (LATIG) Final Restoration Plan #1 as part of the Deep Water Horizon Natural Resource Damage Assessment settlement.

**Technical Committee Recommendation:**

The Task Force will vote on the Technical Committee's recommendation to approve the request for transfer of the PO-168 project.





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 6  
1445 ROSS AVENUE, SUITE 1200  
DALLAS, TX 75202-2733

September 12, 2017

Mr. Mark Wingate  
Deputy District Engineer  
U.S. Army Corps of Engineers  
New Orleans District  
P.O. Box 60267  
New Orleans, Louisiana 70160-0267

RE: Shell Beach Marsh Creation Project (PO-168)  
Transfer Request

Dear Mr. Wingate;

The U.S. Environmental Protection Agency (EPA) and the Coastal Protection and Restoration Authority (CPRA), as the Lead Agency and Local Sponsor respectively, request the initiation of formal transfer procedures for the Coastal Wetland Planning, Protection and Restoration Act (CWPPRA) Shell Beach Marsh Creation Project (PO-168). It is recommended that this project be transferred because restoration of the project area is being implemented within the Louisiana Trustee Implementation Group (LATIG) Final restoration Plan #1 as part of the Deep Water Horizon Natural Resource Damage Assessment settlement. Specifically, the Shell Beach Marsh Creation Project (PO-168) area is completely within the boundaries of the larger Lake Borgne Marsh Creation Increment 1 component of the LATIG Final Restoration Plan #1.

Please consider this letter as the formal request from EPA and CPRA to initiate transfer of PO-168 to the LATIG Final Restoration Plan #1 in accordance with the CWPPRA Standard Operating Procedures Manual. Thank you for your assistance in this effort. Please direct questions regarding this matter to the EPA Project Manager, Brad Crawford, [Crawford.brad@epa.gov](mailto:Crawford.brad@epa.gov), 214-665-7255.

Sincerely,

A handwritten signature in black ink, appearing to be "K. McCormick", is written over a large, loopy flourish.

Karen McCormick  
Marine, Coastal and Analysis Section Chief

cc: Richard Hartman, NMFS, Baton Rouge, LA  
Britt Paul, NRCS, Alexandria, LA  
Darryl Clark, USFW, Lafayette, LA  
Bren Haase, CPRA, Baton Rouge, LA



# Shell Beach South Marsh Creation (PO-168)

## Project Status

**Approved Date:** 2015      **Project Area:** 634 acres  
**Approved Funds:** \$3.17 M      **Total Est. Cost:** \$28.1 M  
**Net Benefit After 20 Years:** 344 acres  
**Status:** Engineering and Design  
**Project Type:** Marsh Creation  
**PPL #:** 24

## Location

Region 1, Pontchartrain Basin, South Lake Borgne Mapping Unit, St. Bernard Parish, north bank of the Mississippi River Gulf Outlet (MRGO) in the vicinity of Shell Beach.

## Problems

The marsh boundary separating Lake Borgne and the MRGO has undergone both interior and shoreline wetland losses due to subsidence, impacts related to construction and use of the MRGO (i.e., deep draft vessel traffic), and wind-driven waves. Although much of the project area is protected from edge erosion by shoreline protection measures, and since 2009, the MRGO has been deauthorized for deep draft navigation and maintenance, interior wetland loss due to subsidence continues to cause marsh fragmentation and pond enlargement. Wetland loss rates in the project area are estimated to be -0.60 percent a year based on USGS analysis.

## Restoration Strategy

The proposed project will create and nourish 634 acres of marsh using dredged sediment from Lake Borgne. Existing high shorelines along Lake Borgne, remnants of previous containment dikes and marsh edge, would be used for containment to the extent practical. Constructed containment dikes would be breached/gapped as needed to provide tidal exchange after fill materials settle and consolidate. The project would create 346 acres of marsh and nourish at least 288 acres of existing fragmented marsh. A target fill elevation of +1.2 feet is envisioned to enhance longevity of this land form. Additionally, 187 acres of vegetative planting will occur within the newly created areas. Due to the presence of existing banklines, dredged slurry overflow could potentially be discharged immediately adjacent to the project polygons, resulting in nourishment of additional areas.



Subsidence and salt water intrusion has caused shoreline and wetland loss within the marsh boundary separating Lake Borgne and the MRGO. Dredged sediment from Lake Borgne will be pumped into open water areas which will create 346 acres of marsh and nourish 288 acres of existing fragmented marsh.

## Progress to Date

This project was approved for Phase I Engineering and Design in January 2015

This project is on Priority Project List (PPL) 24.

*For more project information, please contact:*



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



U.S. Environmental Protection Agency  
Dallas, TX  
(214) 665-7506



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

Lake Borgne

Bayou Yscloskey

Doullut Canal

Mississippi River Gulf Outlet (MRGO)

# Shell Beach South Marsh Creation (PO-168)

 Marsh Creation \*  
 Project Boundary  
 \*denotes proposed features

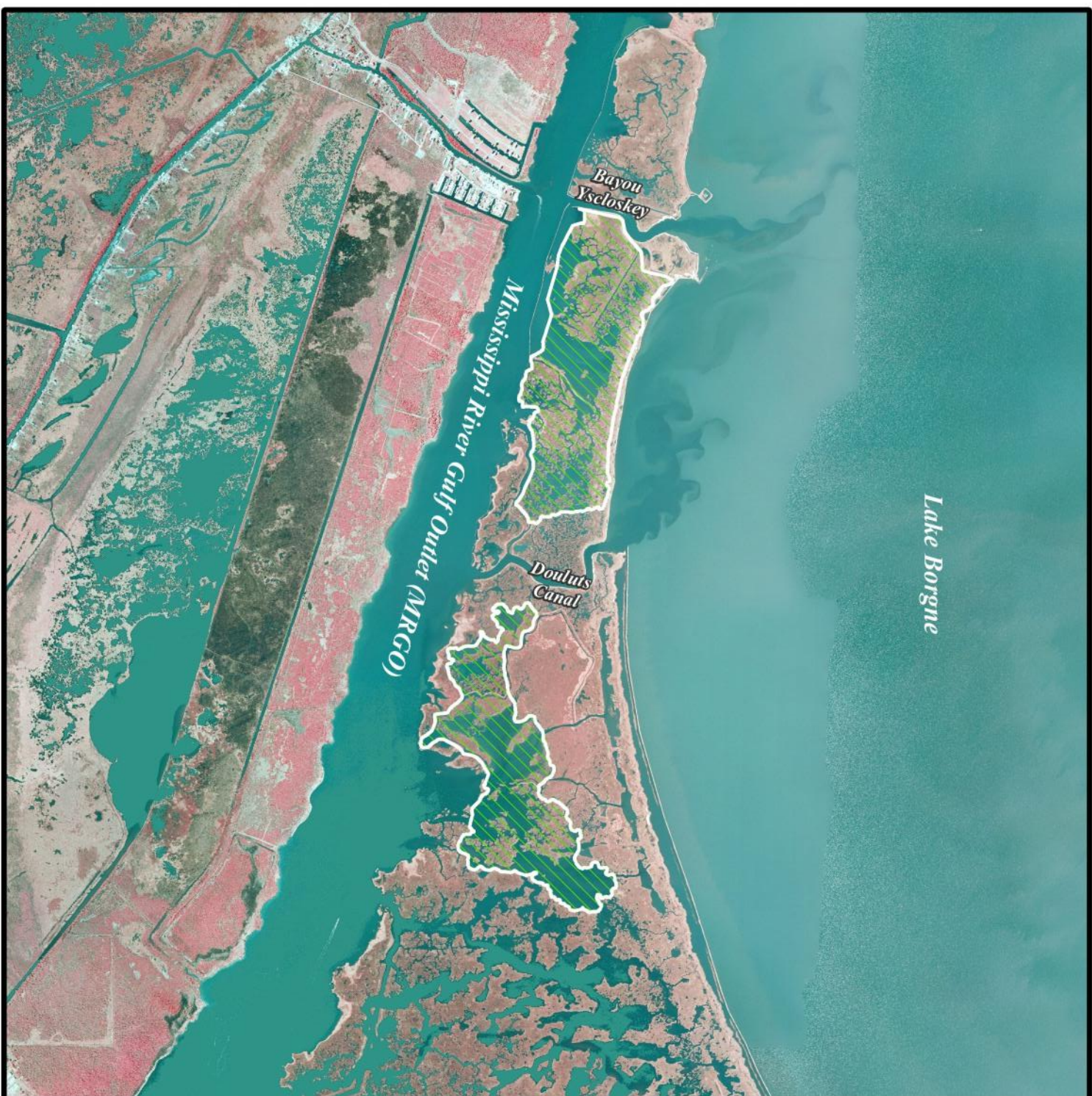


Louisiana  
 Project Location  




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:  
 2012 Digital Orthophoto Quarter Quadrangle  
 Map Date: March 05, 2015  
 Map ID: USGS-NWRC 2015-11-0010  
 Data accurate as of: February 12, 2015





COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**ANNUAL REQUEST FOR INCREMENTAL FUNDING FOR FY20 ADMINISTRATIVE  
COSTS FOR CASH FLOW PROJECTS**

**For Decision:**

The U.S. Army Corps of Engineers will request funding approval in the amount of \$34,083 for administrative costs for cash flow projects beyond Increment 1.

**Technical Committee Recommendation:**

The Task Force will consider and vote on the Technical Committee's recommendation to approve the request for incremental funding for FY20 Administrative costs for cash flow projects.



## **ANNUAL REQUEST FOR INCREMENTAL FUNDING FOR FY20 ADMINISTRATIVE COSTS FOR CASH FLOW PROJECTS**

### **For Decision:**

The U.S. Army Corps of Engineers will request funding approval in the amount of \$34,083 for administrative costs for cash flow projects beyond Increment 1. The Task Force will consider the recommendation and vote to approve the request for funds for the following projects:

- Coastwide Reference Monitoring System (CRMS)  
Incremental Funding amount: \$2,000
- Freshwater Bayou Wetland Protection, (ME-04), PPL-2, NRCS  
Incremental Funding amount: \$1,342
- Cote Blanche Hydrologic Restoration, (TV-04), PPL-3, NRCS  
Incremental Funding amount: \$1,349
- Lake Chapeau Sediment Input and Hydrologic Restoration (TE-26), PPL-3, NMFS  
Incremental Funding amount: \$2,072
- Freshwater Bayou Bank Stabilization (ME-13), PPL-5, NRCS  
Incremental Funding amount: \$1,452
- Black Bayou Hydrologic Restoration (CS-27), PPL-6, NMFS  
Incremental Funding amount: \$1,511
- Four Mile Canal Terracing and Sediment Trapping (TV-18), PPL-9, NMFS  
Incremental Funding amount: \$1,056
- Freshwater Introduction South of Highway 82 (ME-16), PPL-9, FWS  
Incremental Funding amount: \$1,726
- South Lake Decade Freshwater Introduction (TE-39), PPL-9, NRCS  
Incremental Funding amount: \$885
- Timbalier Island Dune & Marsh Restoration (TE-40), PPL-9, EPA  
Incremental Funding amount: \$989
- GIWW Bank Restoration of Critical Areas in Terrebonne (TE-43), PPL-10, NRCS  
Incremental Funding amount: \$1,301
- Grand-White Lake Landbridge Restoration (ME-19), PPL-10, FWS  
Incremental Funding amount: \$1,034
- Lake Borgne Shoreline Protection (PO-30), PPL-10, EPA  
Incremental Funding amount: \$948
- North Lake Mechant Landbridge Restoration (TE-44), PPL-10, FWS  
Incremental Funding amount: \$1,578

- Barataria Basin Landbridge Shoreline Protection Phase 4, (BA-27d), PPL-11, NRCS  
Incremental Funding amount: \$1,169
- Coastwide Nutria Control Program, (LA-03b), PPL-11, NRCS  
Incremental Funding amount: \$1,207
- Dedicated Dredge BB Landbridge (BA-35), PPL-11, NMFS  
Incremental Funding amount: \$1,781
- Pass Chaland to Grand Bayou Pass Barrier Shoreline, (BA-37), PPL-11, NMFS  
Incremental Funding amount: \$949
- Pelican Island and Pass La Mer to Chaland Pass BBI, (BA-38), PPL-11, NMFS  
Incremental Funding amount: \$1,798
- Bayou Dupont Sediment Delivery System (BA-39), PPL-12, EPA  
Incremental Funding amount: \$939
- South White Lake Shoreline Protection (ME-22), PPL12, COE  
Incremental funding amount: \$1,364
- Whiskey Island BB (TE-50), PPL-13, EPA  
Incremental Funding amount: \$928
- East Marsh Island Marsh Creation (TV-21), PPL-14, NRCS  
Incremental Funding amount: \$737
- West Belle Pass Barrier Headland Restoration, (TE-52), PPL-16, NMFS  
Incremental Funding amount: \$1,275
- Grand Liard Marsh and Ridge Restoration (BA-68), PPL-18, NMFS  
Incremental Funding amount: \$1,359
- Coastwide Vegetative Planting (LA-39), PPL-20, NRCS  
Incremental Funding amount: \$1,334

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**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

**Wetland and Aquatic Research Center**

April 25, 2017  
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:**

WARC 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](http://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. WARC utilizes web server hardware and software, and performs system management, backup and recovery maintenance, and programming efforts for the [www.LaCoast.gov](http://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. In addition, early projects are approaching their end of project life. Post-project analyses that aid in determining a path forward for the project may be needed. WARC 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 FY18**

<b>Description</b>	<b>Cost</b>
Project Information Database Maintenance - USGS	\$41,710
CWPPRA Website ( <a href="http://www.LAcoast.gov">www.LAcoast.gov</a> ) 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
- End of project life analysis for constructed projects, as requested
- Fact Sheet maps for In Phase and newly selected PPL projects
- Miscellaneous requests for CWPPRA agencies

**Points of Contact:**

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COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**COASTWIDE REFERENCE MONITORING SYSTEM (CRMS) REPORT**

**For Report:**

Ms. Leigh Anne Sharp will present a report on CRMS.



# Coastwide Reference Monitoring System (CRMS)

CWPPRA Task Force Meeting  
Leigh Anne Sharp

10/12/2017



## Tropical Storm Harvey CRMS Impact

- CRMS contractors are documenting any T.S. Harvey damage as they go about their work.
  - We don't expect to find much damage beyond leaning sonde posts and damaged boardwalks.
  - Most sites are outfitted with "snorkels" which should prevent data loss in storm surge.
- Storm effects will be realized in CRMS data as:
  - Vertical accretion and elevation gain or loss
    - Cleanest information will come from newest plots (PS5 deployed Fall 2016)
  - Wrack deposition, salt, flood stress or loss of cover in the vegetation dataset
  - Land loss in the 2018 land change analysis
  - Storm surge peak and duration in the hydrology dataset



# Phragmites scale update

- CRMS is contributing to coastwide *Phragmites* scale research and mapping
- Collecting tissue samples for LSU's genetic analyses to help determine spatial extent of 4 varieties of *Phragmites australis*
- Scale investigation ongoing with vegetation data collection.
  - Scale has been observed at all 14 CRMS sites in the MR delta, some sites in BS, TE, and on *Panicum hemitomon* in the AT, and none in TV, ME, CS to date.
- Results are being shared with LSU who is leading the study.



First Basin scale report is soon to be published.



State of Louisiana

Coastal Protection and Restoration Authority  
(CPRA)

**2016 Basin Summary Report**

for

**Mermentau Basin**

June 2016  
Cameron/Vermilion Parishes

Prepared by:  
Mark Mouldous and Bernard Wood

Operations Division  
Lafayette Regional Office  
635 Cajundome Boulevard  
Lafayette, LA 70506



# CRMS data in the lifecycle of a CWPPRA Project

## Phase 0: Project Selection

Area characterization

Wetland Value Assessment

Cost estimations: fill volumes, veg plantings, soil characteristic for settlement

## Phase 1: Pre-Construction

Engineering & Design: target elevations, hydro conditions, elevation change data

## Phase 2: Permitting

OM&M Reports

Project Evaluation: suitable hydrologic conditions (salinity and flooding),

land change, target vegetation composition,

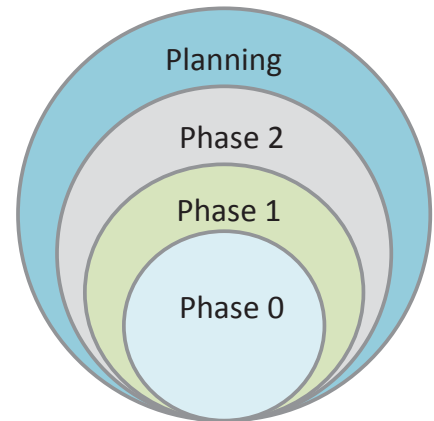
elevation change trajectories, ecological indices

## Coastwide Planning: Project EA and EIS

Feasibility Studies (ex., SW coastal)

Sediment Diversion Planning

Master Plan modeling



## Sites Redundancy Analysis – Hydrology only

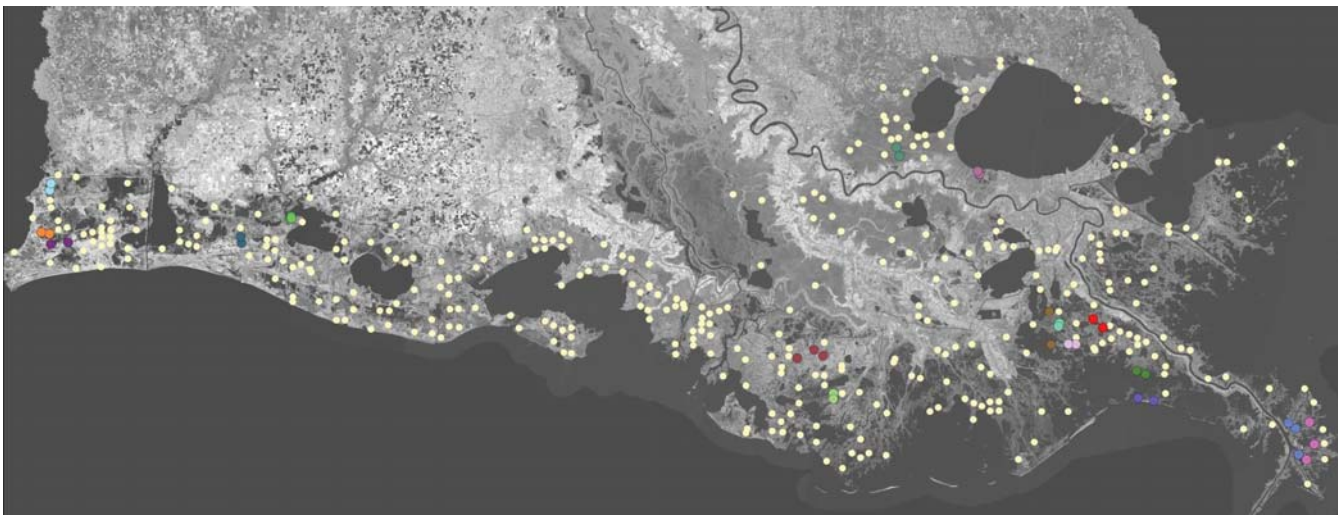
### Q: Are hydro stations giving us ‘the same’ information? A: No.

The CRMS design is based on statistics that indicate that we need 392 sites to identify change in coastal LA. Our recent re-assessment shows that this is still the case. Coastal LA continues to be highly variable.

There are 17 groups of CRMS sites that are correlated > 90%.

We will consider these practically and may remove sondes if it won't affect project assessment.

This may allow for some savings but not significant budget reductions.



## Site Redundancy Analysis – Hydrology and Vegetation

**Q: Do the groups with similar hydrology also have similar vegetation?**

**A: No.**

**We did not find any sites that had both similar hydrology and vegetation suggesting there are no truly redundant sites. The coast is as variable as it ever was.**

- Method: We identified sites that had similar species using Jaccard's similarity. Based on the distribution of scores, we identified 60% and 80% similarity as levels for consideration.
  - 60% similar is not very similar
- We broadened our constraints on hydro data to consider sites that were 10% and 15% different.
- Site equivalency with water elevation AND vegetation
  - 0 pairs, 10% difference for hydrology and 80% vegetation similarity
  - 2 pairs, 10% difference for hydrology and 60% vegetation similarity
  - 6 pairs, 15% difference for hydrology and 60% vegetation similarity
  - 0 pairs, 15% difference for hydrology and 80% vegetation similarity





## CRMS Redundancy Summary


- **It takes monitoring at the current scale to detect change on this highly variable coast.**
- **In order to determine effectiveness of individual projects and the restoration effort as a whole we need to be able to detect change.**
- **If we reduce the number of stations, we may not be able to identify the impact of restoration on the landscape.**
- **If we try to cut any one parameter, hydrology is the most obvious choice as it is most expensive.**
  - Hydro dataset is the most used and reductions would limit our future inference.
  - We can predict water level and salinity at some sites based off of the data from all of the other sites. If we eliminate a site's hydrography the relationship would be fixed and based on historic conditions.
  - If change occurred (ex., future restoration project), we would be unaware.

**Our recommendation is to continue with the current level of CRMS monitoring**

## CRMS was recognized by NSF and recommended as a model for other Gulf states

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This PDF is available at <http://www.nap.edu/23476> SHARE    



Effective Monitoring to Evaluate Ecological Restoration in the Gulf of Mexico

**DETAILS**

265 pages | 8.5 x 11 | PAPERBACK  
ISBN 978-0-309-44037-0 | DOI: 10.17226/23476

**AUTHORS**

Committee on Effective Approaches for Monitoring and Assessing Gulf of Mexico Restoration Activities; Ocean Studies Board; Water Science and Technology Board; Division on Earth and Life Studies; National Academies of Sciences, Engineering, and Medicine

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**“The Committee recommends that restoration programs jointly with research programs (i.e., the Academies’ Gulf Research Program, NOAA RESTORE Act Science Program, and Centers of Excellence for each Gulf state) consider the following options for leveraging program funds and needs:**

- Explore opportunities for a system of reference sites across the Gulf of Mexico for several types of habitats to be restored (modeled after and expanded from CRMS);”
- The NRDA and RESTORE councils plan to use CRMS data for monitoring and adaptive management.



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**REQUEST FOR A PROJECT EXTENSION AND BUDGET INCREASE FOR THE  
COASTWIDE REFERENCE MONITORING SYSTEM (CRMS) FOR FY 2020 TO FY  
2039**

**For Decision:**

CPRA requests a project extension and budget increase for the Coastwide Reference Monitoring System (CRMS) for FY 2020 to FY 2039.

**Technical Committee Recommendation:**

The Task Force will consider and vote on the Technical Committee's recommendation to fund the CRMS program through FY39, but limit CWPPRA's contribution to \$10M per year following the CRMS 5 contract. The Task Force is asked to approve the CRMS FY20 through FY39 budget in the amount of \$202,300,476.16, which reflects this recommendation.



# Questions?



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**REQUEST FOR OPERATION AND MAINTENANCE (O&M) INCREMENTAL FUNDING**

**For Decision:**

The Task Force will consider and vote on the Technical Committee's recommendation to approve requests for total FY20 incremental funding in the amount of \$3,013,954

- a. PPL 9+ Projects requesting approval for FY20 incremental funding in the total amount of \$2,818,707 for the following projects:
  - Freshwater Introduction South of Highway 82 (ME-16), PPL-9, USFWS  
Incremental funding amount: \$15,056
  - Black Bayou Culverts Hydrologic Restoration (CS-29), PPL-9, NRCS  
Incremental funding amount: \$34,899
  - GIWW - Perry Ridge West Bank Stabilization (CS-30) PPL-9, NRCS  
Incremental funding amount: \$13,733
  - Four Mile Canal Terracing and Sediment Trapping (TV-18), PPL-9, NMFS  
Incremental funding amount: \$6,710
  - Barataria Barrier Island Complex (BA-38) , PPL-11, NMFS  
Incremental funding amount: \$12,184
  - Little Lake Shoreline Protection (BA-37), PPL-11, NMFS  
Incremental funding amount: \$8,878
  - Pass Chaland to Grand Bayou Pass Barrier Island Restoration, (BA-35), PPL-11,  
Incremental funding amount: \$6,767
  - Coastwide Nutria Control Program (LA-03b), PPL-11, NRCS  
Incremental funding amount (FY16): \$1,443,703
  - South White Lake Shoreline Protection (ME-22), PPL-12, USACE  
Incremental funding amount: \$8,651
  - East Marsh Island Marsh Creation (TV-21), PPL-14, EPA  
Incremental funding amount: \$14,568
  - West Bell Pass Barrier Headland Restoration, (TE-52), PPL-16, NMFS  
Incremental funding amount: \$7,085
  - Bayou Dupont Marsh and Ridge Creation, (BA-48), PPL-17, NMFS  
Incremental funding amount: \$7,067
  - Grand Liard Marsh and Ridge Restoration, (BA-68), PPL-18, NMFS

Incremental funding amount: \$7,004

- Coastwide Vegetative Planting (LA-39), PPL-20, NRCS  
Incremental funding amount: \$1,232,402

b. PPL 1-8 Project requesting approval for FY20 incremental funding in the total amount of \$195,247:

- Freshwater Bayou Wetland Protection (ME-04), PPL-2, NRCS  
Incremental funding amount: \$11,645
- Cameron Creole Maintenance (CS-04a), PPL-3, NRCS  
Incremental funding amount: \$102,166
- Replace Sabine Refuge Water Control Structures at Headquarters Canal, West Cove Canal, and Hog Island Gully (CS-23), PPL-3, USFWS  
Incremental funding amount: \$ 49,849
- Freshwater Bayou Bank Stabilization (ME-13), PPL-5, NRCS  
Incremental funding amount: \$11,645
- Black Bayou Hydrologic Restoration (CS-27), PPL-6, NMFS  
Incremental funding amount: \$19,942

# COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

## TASK FORCE MEETING

OCTOBER 12, 2017

### REQUEST FOR MONITORING INCREMENTAL FUNDING

#### For Decision:

The Task Force will consider and vote on the Technical Committee's recommendation to approve the FY20 incremental funding in the amount of \$12,591,710.62.

- c. PPL 9+ Projects requesting approval for FY20 incremental funding in the total amount of \$625,849 for the following projects:
  - Barataria Basin Landbridge Shoreline Protection (BA27c), PPL-9, NRCS  
Incremental funding amount: \$5,003
  - GIWW – Perry Ridge West Bank Stabilization (CS-30), PPL-9, NRCS  
Incremental funding amount: \$5,169
  - Freshwater Introduction South of Highway 82 (ME-16), PPL-9, USFWS  
Incremental funding amount: \$11,000
  - Four Mile Canal Terracing and Sediment Trapping (TV-18), PPL-9, NMFS  
Incremental funding amount: \$50,000
  - Timbalier Island Marsh/Dune Restoration (TE-40), PPL-10, EPA  
Incremental funding amount: \$49,934
  - North Lake Mechant Landbridge Restoration (TE-44), PPL-10, USFWS  
Incremental funding amount: \$81,818
  - Delta Management at Fort St. Phillip (BS-11), PPL-10, USFWS  
Incremental funding amount: \$39,808
  - East Sabine Lake Hydrologic Restoration (CS-32), PPL-11, USFWS  
Incremental funding amount: \$61,636
  - Coastwide Nutria Control Program (LA-03b), PPL-11, NRCS  
Incremental funding amount (FY16): \$92,233
  - Dedicated Dredging on the Barataria Basin Landbridge (BA-36), PPL-11, USFWS  
Incremental funding amount: \$50,384
  - Goose Point/Pointe Platte Marsh Creation (PO-33), PPL-13, USFWS  
Incremental funding amount: \$45,071
  - West Belle Pass Barrier Headland Restoration (TE-52), PPL-16, NMFS  
Incremental funding amount: \$37,134
  - Coastwide Vegetative Planting (LA-39), PPL-20, NRCS  
Incremental funding amount: \$96,659
- b. PPL 1-8 Project requesting approval for FY20 incremental funding in the total amount of \$6,017:

- Naomi Outfall Project (BA-03c), PPL-5, NRCS  
Incremental funding amount: \$6,017
- c. Coastwide Reference Monitoring System (CRMS) requesting approval for FY20 incremental funding in the total amount of \$11,953,827.62:
  - Coastwide Reference Monitoring System (CRMS) (LA-30) USGS  
Incremental funding amount: \$11,953,827.62

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**ADDITIONAL AGENDA ITEMS**



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**REQUEST FOR PUBLIC COMMENTS**



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**DATE OF UPCOMING CWPPRA PROGRAM MEETING**

**For Announcement:**

The Technical Committee Meeting will be held December 7, 2017 at 9:30 a.m. at the Department of Natural Resources, LaSalle Building, 617 North Third Street, Baton Rouge, Louisiana (LaBelle Room).



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TASK FORCE MEETING

OCTOBER 12, 2017

**SCHEDULED DATES OF FUTURE PROGRAM MEETINGS**

**For Announcement:**

December 7, 2017	9:30 a.m.	Technical Committee	Baton Rouge
January 25, 2018	9:30 a.m.	Task Force	New Orleans
January 30, 2018	1:00 p.m.	Region IV RPT	Grand Chenier
January 31, 2018	9:30 a.m.	Region III RPT	Morgan City
February 1, 2018	10:00 a.m.	Region I&II RPT	Lacombe

\*Dates and locations are subject to change. Please check back with [lacoast.gov](http://lacoast.gov) for the latest calendar.

