ATTENDANCE RECORD

DATE(S)	SPONSORING ORGANIZATION	LOCATION
April 15, 2014 9:30 A.M.	COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT	District Assembly Room 7400 Leake Avenue New Orleans, Louisiana

PURPOSE **MEETING OF THE CWPPRA TECHNICAL COMMITTEE**

PARTICIPANT REGISTER*

NAME	JOB TITLE AND ORGANIZATION	PHONE NUMBER
ARCHIE CHAISSON II	PARISH ADMINISTRATOR, LCG	985-446-8427
Amanda Pennick	CZM Permit coordinator, Lafourche Parish	985-493-6616
David Brunet	CZM Admin. St. Tammany	985-898-2442
Rick Canik	Royal Engineering	337-802-0190
Cecelia Linder	NOAA Fisheries	301 427 8675
PJ HAHN	PLAQUEMINES PARISH	504-297-5631
Albert McKnight	PPG	504.912.5973
Quin Kinler	NRCS	225-665-4253
James Harris	USFWS	985-882-2000
ARTHUR J. JOHNSON	EXEC. DIR. CSEI	504-421-9643
Janet Rhodus	Launch Leeville, NON-PROFIT	(225) 413-4414
DARRYL CLARK	USFWS	337-291-3111
Kevin Roy	USFWS	337-291-3120
Cole Ruckstuhl	CWPPRA MEDIA SPEC.	337-366-8542
Glenn Testroet-Bergeron	CWPPRA Outreach	337-266-8623
Stu Brown	CPRA	225-342-4736
RICK RAYNIE	CPRA	225-342-9436
Tom Hallio	Citizen - stakeholder	504.487-1161
Aaron Hoff	EPA	214.665.7319
KAREN McCORMICK	EPA	214-665-8365
Adrian Chavarria	EPA	214-665-3103
Betsy Brien	Conoco Phillips	504.415.8181

LMV FORM 583-R
JAN 88

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

ATTENDANCE RECORD

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PURPOSE **MEETING OF THE CWPPRA TECHNICAL COMMITTEE**

PARTICIPANT REGISTER*

NAME	JOB TITLE AND ORGANIZATION	PHONE NUMBER
William McCartney	Coastal Zone Manager St. Bernard Parish	504 442-2426
[illegible]	CEMVN-PM-BC	504 862-2504
~~Dennis Lambert~~	GERWICK	504 206 7665
John Hebert	Home Owner	504-481-0363
Ronald A. Verdun	Crown Point La	(504) 689-7551
Edward Terrai	Lafitte La.	(504) 689-3747
Ray Champagne	LAFITTE LA	504 3472846
Carl Beier	LAKE CATHERINE CIVIC ASSOC.	772-971-0460
Carol Giardina	Lake Catherine Civic Assoc.	504-331-5326
Tom Wells	Waldemar S. Nelson & Co	504-593-5395
Michael Waguespack	Waldemar S. Nelson & Co.	504-593-5693
Lauren Averill	GEC	504-289-6156
A (TP) James [illegible]	USDA-NRCS	
Charles Allen	City of NOLA	
Jason Smith	Jefferson Parish Environmental Dept.	504/731-4612
TONY RISKO	Principal Engr / MWH	512 496 7689
Zach Monroe	Senator Landrieu	504 589 2427
Amanda Moore	Nat'l Wildlife Fed	504 442 2702
Michael C. Knobloch	Special Projects Port of Morgan City	985-384-0850
Nic Matherne	Terrebonne Parish	985-873-6889
Scott Wilson	USGS	337 266 8644
Charles Sasser	LSU	225 578-6375

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PURPOSE **MEETING OF THE CWPPRA TECHNICAL COMMITTEE**

PARTICIPANT REGISTER*

NAME	JOB TITLE AND ORGANIZATION	PHONE NUMBER
JOHN PETITBON	USACE	862-2732
Webb Jackson	PARSONS	251-455-1566
John Troutman	CPRA	504 280 4063
PETER HOPKINS	CPRA	504 280 4070
LUKE PRENDERGAST	CPRA	504 280 1005
Kenny Chin	Tulane Kchin4@tulane.edu	504-430-7877
Bill Boshart	CPRA	280-4063
Marnie Winter	Jeff Parish	504-736-6443
MORGAN CRUICHER	CRCL	504.638.5977
Bill Comeaux	Owner	318-221-5201
Leslie SUAZO	Ducks Unlimited	985-209-3270
Mel Landry	NOAA	225-578-7667
Rona Weifenbach	CPRA	3374[illegible] 0698

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JAN 88

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

CWPPRA

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TECHNICAL COMMITTEE MEETING

AGENDA

April 15, 2014, 9:30 a.m.

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

Documentation of Technical Committee meetings 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 Technical Committee or Alternates
   b. Opening remarks of Technical Committee Members
   c. Request for Agenda Changes/Additional Agenda Items/Adoption of Agenda

2. **Report: Status of CWPPRA Program Funds and Projects (Susan Mabry, USACE) 9:40 a.m. to 10:00 a.m.** Ms. Susan Mabry will provide an overview of the status of CWPPRA accounts and available funding in the Planning and Construction Programs.
   a. **Status of the Sport Fish and Boating Safety Trust Fund Reauthorization (Brad Inman, USACE).** Mr. Inman will provide an update on current Trust Fund reauthorization efforts, including the Angling and Boating Alliance's (ABA) proposed change to the funding model for coastal wetlands.

3. **Report/Decision: Selection of Ten Candidate Projects and up to Three Demonstration Projects to Evaluate for PPL 24 (Kevin Roy, USFWS) 10:00 am to 10:45 a.m.** The Technical Committee will consider preliminary costs and benefits of the 24th Priority Project List (PPL) project and demonstration project nominees listed below. The Technical Committee will select 10 projects and may select up to 3 demonstration projects as PPL 24 candidates to be evaluated for Phase 0 analysis, which will be considered later for final selection of projects that will be approved for Phase I (Planning and Engineering and Design).

Region	Basin	PPL 24 Nominees
1	Pontchartrain	New Orleans Landbridge Shoreline Stabilization & Marsh Creation
1	Pontchartrain	Shell Beach South Marsh Creation
1	Pontchartrain	Bayou Bienvenue Marsh Creation
2	Barataria	Bayou Dupont Sediment Delivery – Marsh Creation 4
2	Barataria	Barataria Bay Waterway East Marsh Creation

2	Barataria	East Leeville Marsh Creation & Nourishment
2	Barataria	Grand Bayou Marsh Creation & Terracing
3	Terrebonne	East Catfish Lake Marsh Creation & Terracing
3	Terrebonne	West Fouchon Marsh Creation & Marsh Nourishment
3	Terrebonne	Lake Felicity Oyster Reef Shoreline Protection & Marsh Creation
3	Terrebonne	Bayou Dularge Ridge Restoration & Marsh Creation
3	Teche-Vermilion	South & West Vermilion Bay Shoreline Protection – Critical Reaches
3	Teche-Vermilion	South Humble Marsh Creation & Nourishment
4	Calcasieu-Sabine	No Name Bayou Marsh Creation & Nourishment
4	Calcasieu-Sabine	East Holly Beach Gulf Shoreline Protection
4	Mermentau	Southeast Pecan Island Marsh Creation & Freshwater Enhancement
4	Mermentau	Umbrella Bay Shoreline Protection
	Coastwide	Coastwide Oyster Reef Shoreline Protection

	PPL 24 Demonstration Project Nominees
DEMO	Sediment Capture Tide Pump
DEMO	Stabilized Shorelines for Shoreline Protection
DEMO	Innovative Bedload Sediment Collector
DEMO	Ecosystems by Walter Marine

4. **Report/Decision: Upcoming 20-Year Life Projects (Brad Inman, USACE) 10:45 a.m. to 11:00 a.m.** The project sponsors will present recommended path forwards for CWPPRA projects ending their 20 year lives in 2015 or 2016. Technical Committee will vote on a recommendation to the Task Force on the path forward for the following projects nearing their 20-year life:

Project No.	Project Name	Agency	Const. Complete	20YL
CS-18	Sabine National Wildlife Refuge Erosion Protection	FWS	1-Mar-95	1-Mar-15
TV-03	Vermilion River Cutoff Bank Protection	COE	11-Feb-96	11-Feb-16
PO-16	Bayou Sauvage Refuge Restoration Phase 1	FWS	30-May-96	30-May-16
BA-19	Barataria Bay Waterway Wetland Creation	COE	15-Oct-96	15-Oct-16

5. **Report: Status of CWPPRA Standard Operating Procedures (SOP) Update (Allison Murry, USACE) 11:00 a.m. to 11:05 a.m.** In January 2014, the P&E Subcommittee started an intensive clean-up and update of the CWPPRA SOP. The P&E plans to provide an updated draft to the Technical Committee a month prior to the September meeting to allow sufficient time for review before a vote on proposed changes. Ms. Murry will present the current status of the SOP update.

6. **Decision: FY15 Planning Budget Approval, including the PPL 25 Process, and Presentation of FY15 Outreach Budget (Process, Size, Funding, etc.) (Brad Inman, USACE) 11:05 a.m. to 11:25 a.m.** The P&E Subcommittee will present their recommended FY15 Planning Program Budget development, including the PPL 25 Process.
    a. The Technical Committee will vote on a recommendation to the Task Force to approve that the PPL 25 Process Standard Operating Procedures include selecting 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; and one nominee will be selected in the Atchafalaya Basin.

b. The Technical Committee will vote on a recommendation to the Task Force to approve the FY15 Outreach Committee Budget, in the amount of $445,800.
c. The Technical Committee will vote on a recommendation to the Task Force to approve the FY15 Planning Budget, in the amount of $5,091,819.

7. **Report: Coastwide Reference Monitoring System (CRMS) Report & System Wide Assessment Monitoring Program (SWAMP) (Dona Weifenbach, CPRA; Rick Raynie, CPRA) 11:25 a.m. to 11:45 a.m.** Ms. Dona Weifenbach will provide a report on CRMS, followed by a presentation on SWAMP provided by Rick Raynie.

8. **Report/Decision: Request for Funding Increase for Grand Lake Shoreline Protection (ME-21) (Quin Kinler, NRCS) 11:45 a.m. to 12:00 p.m.** NRCS and CPRA are requesting a funding increase for Grand Lake Shoreline Protection. In February 2007, the Task Force passed a motion "*to allow CIAP to fund construction of the Grand Lake Shoreline Protection Project (ME-21) without Tebo Point and to have CWPPRA fund the difference between the CIAP and CWPPRA project features (i.e. the Tebo Point segment) plus 3 years of O&M for the entire project for a total of $9 million ($2.7M for construction of the Tebo Point segment and $6.3M for the 1st 3 years of O&M for the entire project).*" The CIAP portion of ME-21 was constructed under CIAP in 2010, and federal sponsorship of ME-21was transferred to NRCS in 2011. The revised construction cost estimate for the Tebo Point portion (including Construction S&I and S&A and contingency) is $6,242,031. The updated Operation and Maintenance estimate (state and federal) for the entire project is $6,371,026. The updated COE Admin estimate for the entire project is $34,647. Therefore, the current request consists of a $3,542,031 increase for construction, a $66,744 increase for O&M, and a $32,313 increase for COE Admin; resulting in a revised total Phase II budget of $12,647,704 and a fully funded cost of $13,696,735. The 3-year O&M incremental funding request is $23,433. The 3-year COE Admin funding request is for $3,951. The Technical Committee will consider and vote to make a recommendation to the Task Force to approve a request for a funding increase for Grand Lake Shoreline Protection (ME-21).

9. **Decision: Request for Approval for Final Deauthorization on the PPL 13 – Bayou Sale Shoreline Protection Project (TV-20) (Britt Paul, NRCS) 12:00 p.m. to 12:05 p.m.** NRCS and CPRA are requesting approval for final deauthorization procedures on the Bayou Sale Shoreline Protection Project (TV-20) due to numerous abandoned pipelines in the area that presented site access and project construction problems. After consideration of the costs of pipeline removals, alternative construction methods that avoided pipeline removals, and alternative shoreline protection methods, implementation of the project proved cost-prohibitive, resulting in limited benefits that did not justify construction. The Technical Committee will vote on a recommendation to the Task Force to approve the final deauthorization of the Bayou Sale Shoreline Protection Project.

10. **Decision: Request for Approval for Final Deauthorization on the PPL 18 – Bertrandville Siphon Project (BS-18) (Karen McCormick, EPA) 12:05 p.m. to 12:10 p.m.** EPA and CPRA are requesting approval for final deauthorization procedures on the Bertrandville Siphon Project (BS-18) based on land right issues that are not likely to be resolved in the near future plus substantial technical implementation issues. The Technical Committee will vote on a recommendation to the Task Force to approve the final deauthorization of the Bertrandville Siphon Project.

11. Additional Agenda Items (Brad Inman, USACE) 12:10 p.m. to 12:15 p.m.

12. Request for Public Comments (Brad Inman, USACE) 12:15 p.m. to 12:20 p.m.

13. Announcement: Date of Upcoming CWPPRA Dedication Event (Brad Inman, USACE) 12:20 p.m. to 12:25 p.m. The CWPPRA Dedication Ceremony will be held on April 30, 2014 to celebrate the progress on CWPPRA projects in southeastern Louisiana. The ceremony will begin at 10:00 a.m. at ConocoPhillips, 806 Bayou Black Drive, Houma, Louisiana.

14. Announcement: Date of Upcoming CWPPRA Program Meeting (Brad Inman, USACE) 12:25 p.m. to 12:30 p.m. The Task Force meeting will be held May 22, 2014 at 9:30 a.m. at the Estuarine Fisheries and Habitat Center, 646 Cajundome Blvd., Lafayette, Louisiana.

15. Announcement: Scheduled Dates of Future Program Meetings (Brad Inman, USACE) 12:30 p.m. to 12:35 p.m.

2014

May 22, 2014	9:30 a.m.	Task Force	Lafayette
September 11, 2014	9:30 a.m.	Technical Committee	Baton Rouge
October 6, 2014	9:30 a.m.	Task Force	New Orleans
December 11, 2014	9:30 a.m.	Technical Committee Meeting	Baton Rouge

16. Decision: Adjourn

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

APRIL 15, 2014

MEETING INITIATION

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

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

APRIL 15, 2014

STATUS OF CWPPRA PROGRAM FUNDS AND PROJECTS

For Report:

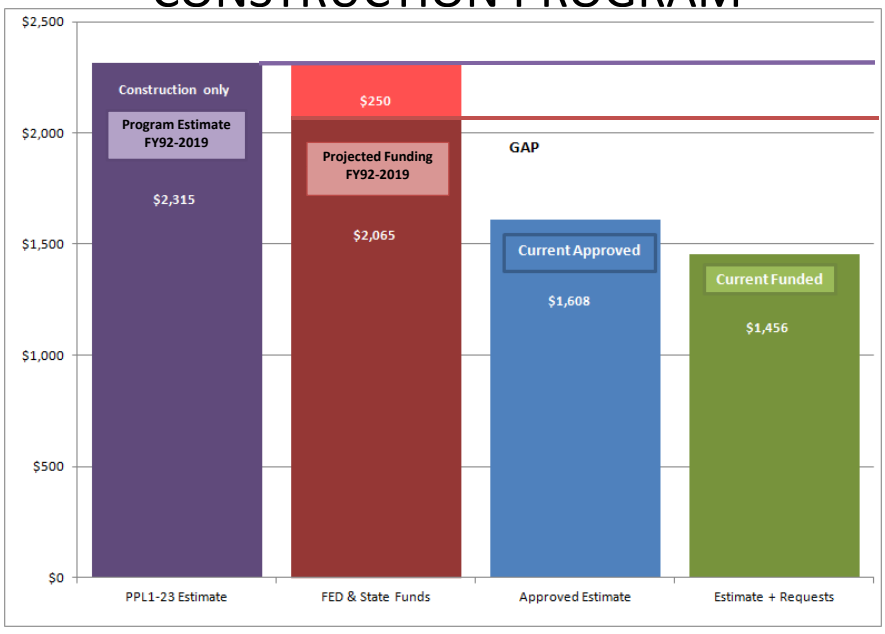
Ms. Susan Mabry will provide an overview of the status of CWPPRA accounts and available funding in the Planning and Construction Programs.

a. **Status of the Sport Fish and Boating Safety Trust Fund Reauthorization**
Mr. Inman will provide an update on current Trust Fund reauthorization efforts, including the Angling and Boating Alliance's (ABA) proposed change to the funding model for coastal wetlands.

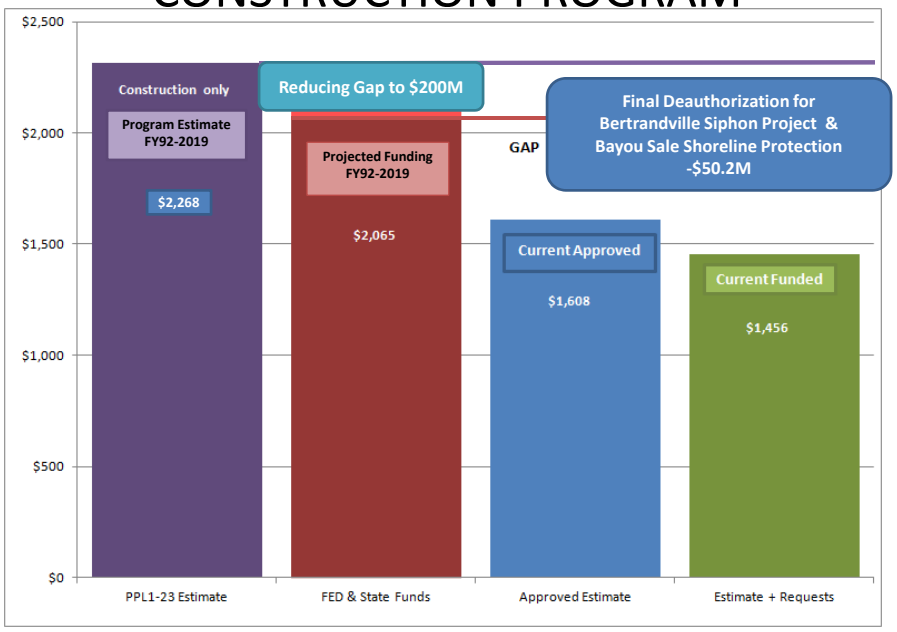
Status of CWPPRA Program Funds and Projects

Susan M. Mabry

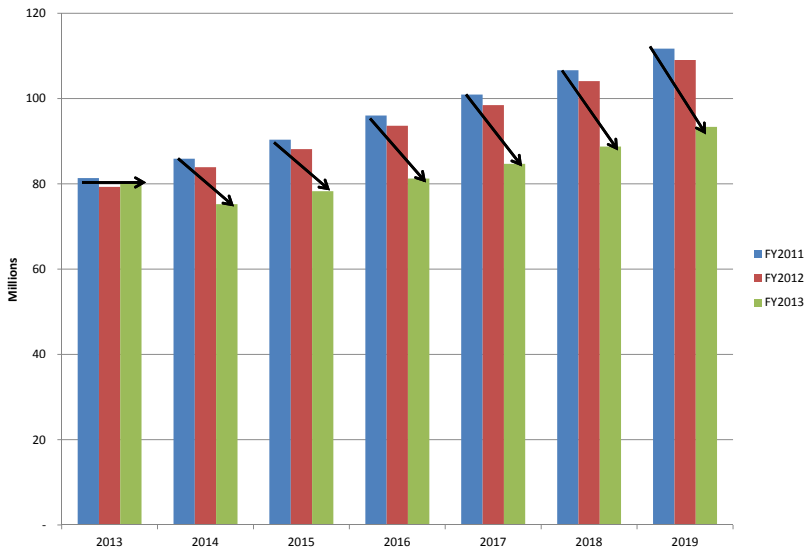
CONSTRUCTION PROGRAM



CONSTRUCTION PROGRAM



DOI Income Trend



Construction Program Funding Requests: Technical Committee Recommendation April 2014						
	Program Estimate	TC	FUNDING	TC	Fed	Non-Fed
1. Funds Available:						
Available Funds			**$11,291,836**		**$9,598,060**	**$1,693,775**
Approved Funded Estimate PPL 1-22	**$2,315,274,058**					
Total Program / Funds Available:			**$11,291,836**		**$9,598,060**	**$1,693,775**
2. Agenda Item 8: Budget & Funding Increase						
Grand Lake Shoreline Protection (ME-21) PPL11 NRCS	$3,641,118		$3,569,415		($361,706)	($63,831)
Total	**$3,641,118**		**$3,569,415**			
3. Agenda Item 9: Request for Approval for Final Deauthorization						
Bayou Sale Shoreline Protection Project (TV-20) PPL13 NRCS	($29,848,108)		($425,537)		($361,706)	($63,831)
Total	**($29,848,108)**		**($425,537)**		**($361,706)**	**($63,831)**
4. Agenda Item 10: Request for Approval for Final Deauthorization						
Bertrandville Siphon Project (BS-18) PPL 18 EPA	($20,448,462)		($319,662)		($271,712)	($47,949)
Total	**($20,448,462)**		**($319,662)**		**($271,712)**	**($47,949)**
(1) Funds Available for September 2013 Recommendations	**$2,315,274,058**		**$11,291,836**			
(1,2) Recommendation	**($46,655,452)**		**$2,824,216**			
Program Amount/Available Funds Surplus/Shortage	**$2,268,618,606**		**$8,467,619**			

FY15 Planning Program Budget Recommendation for 21-May-2014 Task Force Approval

	Total Request	TC?
Funds Available:		
Funds Available January 2014:	**$262,387**	
FY15 Planning Program Funding	**$5,000,000**	
Funds Available:	**$5,262,387**	
Agenda Item 4: FY14 - Planning Budget (and Outreach Budget) Request Approval:		
Technical Committee Recommended FY15 Planning Budget	$4,646,019	
Outreach Committee Recommended FY15 Budget	$445,800	
Total	**$5,091,819**	
Total Remaining Funds in CWPPRA Planning Program	**$170,568**	

Construction Program Funding Requests: Technical Committee Recommendation April 2014

	Program Estimate	TC	FUNDING	TC	Fed	Non-Fed
1. Funds Available:						
Available Funds			**$11,291,836**		**$9,598,060**	**$1,693,775**
Approved Funded Estimate PPL 1-22	**$2,315,274,058**					
Total Program / Funds Available:			**$11,291,836**		**$9,598,060**	**$1,693,775**
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(1,2) Recommendation	**($46,655,452)**		**$2,824,216**			
Program Amount/Available Funds Surplus/Shortage	**$2,268,618,606**		**$8,467,619**			

Angling &Boating Alliance

February 24, 2014

Coordinated Statement on Reauthorization of the Sport Fish Restoration & Boating Trust Fund

The **Angling & Boating Alliance** is an ad hoc coalition of national recreational boating, angling, outdoor recreation interests, conservation groups, and state boating safety and natural resources agencies committed to the sustainable future of the Sport Fish Restoration & Boating Trust Fund ("Trust Fund"). The mission of the Alliance is to protect the Trust Fund, lead a national advocacy effort for the Trust Fund's reauthorization as part of the Federal Highway Bill during the 113th Congress, and communicate the importance of the fund to the Administration. The Alliance has reached consensus agreement on reauthorization priorities and statutory changes to ensure the Trust Fund's continued vitality and success as a "user pays, public benefits" program. Members of the Alliance Steering Committee are:

- *American Sportfishing Association (ASA)*
- *Association of Fish & Wildlife Agencies (AFWA)*
- *Association of Marina Industries (AMI)*
- *B.A.S.S. LLC*
- *Boat Owners Association of the United States (BoatU.S.)*
- *Coastal Conservation Association (CCA)*
- *Congressional Sportsmen's Foundation (CSF)*
- *Marine Retailers Association of America (MRAA)*
- *National Association of State Boating Law Administrators (NASBLA)*
- *National Marine Manufacturers Association (NMMA)*
- *States Organization for Boating Access (SOBA)*
- *Trout Unlimited (TU)*

About the Trust Fund

The Sport Fish Restoration and Boating Trust Fund serves as the backbone for fishery conservation funding in the United States - a uniquely American System of Conservation Funding. It is a critical funding tool for a diverse set of important state and national recreational fishing and boating programs, including recreational boating safety, boat manufacturing compliance, fisheries management, habitat conservation, vessel sewage pump-out stations, water and boating access infrastructure programs, and aquatic resource education programs, among others. Funding for the Trust Fund is attained through a "user tax" system, in which excise duties on fishing tackle and equipment, motorboat fuel, and import duties on recreational boats and fishing equipment are collected for the various sportfish restoration programs and boating programs operating under the Dingell-Johnson Sportfish Restoration Act (16 U.S.C. 777). These combined excise taxes and duties on the boating and fishing communities generate nearly $600 million annually.

The Sport Fish Restoration and Boating Trust Fund (originally created in 1950 and amended and expanded in 1984) was most recently fully reauthorized in 2005 as part of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users or "SAFETEA-LU" [Public Law 109-59, title XI, subtitle B, part 2, section 11115, approved August 10, 2005,] as amended by the Sportfishing and Recreational Boating Safety Amendments Act of 2005 [Public Law 109-74, approved September 29, 2005]. The Trust Fund reauthorization was extended with no changes as part of the 2009 Highway Bill and extended again in a 2012 action.

Angling & Boating Alliance Agreement on Statutory Amendments to the Trust Fund

- To make the Trust Fund as equitable as possible the Alliance agrees that each account of the Trust Fund be a percent of the total revenues to the Trust Fund, including administrative costs.

- In recognition of both the fragile economic climate and the likelihood that oscillations in revenues for the Trust Fund will continue, the Alliance agrees that the annual administrative payments for both the U.S. Fish and Wildlife Service and the U.S. Coast Guard should be a percentage of the total annual collections with an established minimum and maximum amount available annually.
    - For the U.S. Fish and Wildlife Service beginning in FY-2016 the Alliance supports an annual administrative payment of 1.99 percent of total annual collections (about $11,852,000 based on a baseline of FY-13 revenue for the Trust Fund of $595.6 million) with a minimum annual amount not less than $11,500,000 and a maximum annual amount of not more than $12,300,000.
    - For the U.S. Coast Guard beginning in FY-2016 the Alliance supports an annual administrative payment of 0.35 percent of total annual collections (about $2,085,000 based on a baseline of FY-13 revenue for the Trust Fund of $595.6 million) with a minimum annual amount of not less than $2,000,000 and an annual amount of not more than $2,500,000.
    - The Alliance further agrees that legislative amendments stipulate that any administrative payment amounts that are not expended or obligated in due time shall be made available for allocation to the States.

- The Alliance recommends that the Association of Fish and Wildlife Agencies and the U.S. Fish and Wildlife Service annually evaluate and report on the administrative services of the USFWS for the Trust Fund to the states, the sportfishing community, and Congress using metrics determined through concurrence by the states and the U.S. Fish and Wildlife Service.

- The Alliance recommends that the National Boating Safety Advisory Council (NBSAC) annually evaluate and report on the administrative services of the USCG for the boating components of the Trust Fund to the states, the boating community, the Commandant of the USCG and Congress using metrics determined through concurrence by the states, boating community and the U.S. Coast Guard.

- To ensure equity among all aspects of the Trust Fund, the Alliance agrees that all costs, such as those for commissions, councils, and specific grant programs, will be absorbed by the appropriate account (e.g., State Boating Safety, Sport Fish Restoration) and that those costs remain as they are in current statute.

- The Alliance agrees that the allocation for Coastal Wetlands be revised from the current 18.5% to 15.36% so the allocation more closely aligns with historical receipts from the small engine gas tax (as originally intended). Since inception, coastal wetlands allocations have exceeded the small engine gas tax receipts by nearly $257 million and this percentage change provides the appropriate correction.

- The Alliance agrees that in order to offset the impact of anticipated revenue declines for the crucial Clean Vessel Act (CVA) and Boating Infrastructure Grant (BIG) programs, and to take advantage of current lower real estate market values, the percentage allocation for each of these programs should be increased by .1% from 2.0% to 2.1% each.

- The Alliance believes that Outreach and Participation is a critical component of the Trust Fund, particularly given the current economic climate. Therefore, the Alliance agrees to support an increase to the Outreach and Participation percentage allocation from 2.0% to 2.2%. This program has proven worthy of its past investment and is critical to the continued growth of angler and boater participation.

- The Alliance agrees to support an adjustment of the Sport Fish Restoration (SFR) percentage allocation from 57% to 57.2%.

- The Alliance agrees to support an adjustment of Recreational Boating Safety (RBS) percentage allocation from 18.5% to 18.7%.

- The Alliance, in recognition of the importance of recreational boating safety, supports funding the National Boating Safety Advisory Council (NBSAC) as an allowable cost, including travel, within the USCG national program coordination allocation of $5,500,000.

- The Alliance agrees that the federal/state match requirement for Recreational Boating Safety (RBS) grants should be 75% federal funds and 25% state funds as opposed to the current 50-50 required match. This aligns the match for boating safety grants with the match required for Sport Fish Restoration. This change should be accompanied by a statutory Maintenance of Effort clause in the Recreational Boating Safety Program.

- In recognition of the importance of ensuring recreational angling and boating access to waterways and the need to have a coordinated approach to water access, the Alliance agrees that up to $300,000 from the 15% allocation for angling and boating access under the Sport Fish Restoration account should be made available, subject to a competitive bidding process, for non-profit entities to address specific access concerns.

- The Alliance, in recognition of the importance of the USCG Manufacturing Compliance Program and anticipated increased future needs, supports modifying the statutory

minimum funding for the program from $2 million to $2.5 million, authorizing an adequate number of FTEs for successful program implementation, inspections, certifications and associated travel to domestic recreational manufacturing facilities.

- With respect to the USCG National Recreational Boating Survey, and consistent with NBSAC Resolution #2012-90-04, the Alliance supports funding of $1.5 million annually for this survey to be conducted not more frequently than every three years. It is expected that this direct funding allocation will be accomplished in a manner similar to the USCG's receipt of the $5,500,000 for national program coordination.

- In order to increase transparency, reporting, and accountability, the Alliance supports the addition of a requirement for program administrators for each program under the Trust Fund to submit reports twice yearly to all relevant stakeholders, including the Sport Fish and Boating Partnership Council and NBSAC on expenditures, accomplishments, and other crucial information with respect to the implementation of each program's mission.

- In recognition of new challenges and opportunities associated with access to recreational water bodies and in awareness of new environmental requirements in states across the nation, the Alliance agrees to allow (but not require) a certain portion of Clean Vessel Act program dollars to be spent on a specific set of capital improvement and infrastructure projects to support facilities that meet state permit requirements for minimizing the introduction of pollutants into the waterways, such as: power wash-down stations at ingresses to water bodies, including marinas; containment & treatment stations at marinas; and other such infrastructure projects. The Alliance agrees to a maximum allowance of not more than 25% of state-apportioned CVA program dollars to be used for such purposes.

Murry, Allison N CONTRACTOR @ MVN

From: Murry, Allison N CONTRACTOR @ MVN
Sent: Tuesday, April 01, 2014 7:26 AM
To: 'bill honker'; 'Chris Doley'; 'Garret Graves'; Hansen, Richard L COL MVN; 'Jeff Weller'; 'Kevin Norton (kevin.norton@la.usda.gov)'; 'Bren Haase'; 'britt.paul@la.usda.gov'; 'Darryl Clark'; 'Karen McCormick (McCormick.Karen@epamail.epa.gov)'; 'Richard.Hartman@noaa.gov'; Wingate, Mark R MVN; Swearingen, Adele - NRCS, Alexandria, LA; Alma Robichaux; Chuck Perrodin (CPRA); 'Ruckstuhl, Cole'; Scott Wilson; Bergeron, Susan; Holly Martien; Keeler.Barbara; Cutno, Lawrence D MVN; Mueller, Lee E MVN-Contractor; Mel Landry; Rex Caffey (RCaffey@agcenter.lsu.edu); Kathy M Ladner; (Cecelia.Linder@noaa.gov); Adrian Chavarria; Inman, Brad L MVN; John Jurgenson (john.jurgensen@la.usda.gov); Kevin_Roy@fws.gov; rachel.sweeney@noaa.gov; Stuart Brown
Subject: CWPPRA Proposed changes to the funding model for coastal wetlands (Transportation Appropriation Bill) (UNCLASSIFIED)
Attachments: ABA Coordinated Statement FINAL 2-24-14[1].pdf; ABA Reauthorization Allocations 2-24-2014.pdf

Classification: UNCLASSIFIED
Caveats: NONE

All,

On behalf of Brad Inman,

The Angling and Boating Alliance (ABA) has proposed a change to the funding model for coastal wetlands from the Sport Fish and Boating Safety Trust Fund. I have enclosed the proposed language I received from Steve Barton, Chief-Division of Administration and Information Management, Wildlife and Sport Fish Restoration Program, US Fish and Wildlife Service, who was concerned that we had not heard of the proposed changes to the CWPPRA program.

The proposed language, if passed, would reduce the amount of money the CWPPRA program receives by about $11 million a year (see Page 3, 2nd bullet, ABA Coordinated Statement). Senate Bill 2028, introduced on 12 February 2014, reauthorizes the sport fish restoration and recreational boat safety, which is part of the appropriation Transportation Bill that will expire 30 September 2014. The proposed amendment language to reduce the percentage of funds that currently go to CWPPRA is NOT in the bill at this time. It is likely that a Transportation Bill reauthorizing the appropriations for highway construction and other purposes will pass this congress.

Jeff Weller, Darryl Clark, Scott Wilson, Susan Bergeron, and myself had a conference call with Mr. Barton to discuss the proposed language and impact to the CWPPRA program. Mr. Weller is drafting a one page briefing document with his staff and Susan to forward to Mr. Barton for his use during committee meetings and briefings to provide information on the program and critical needs of Louisiana coast.

If you have additional questions, please contact one of us on the call and we can discuss what we know to this point.

Thanks,
Allison Murry
CWPPRA Program
USACE New Orleans
Tel: 504.862.2075

Classification: UNCLASSIFIED

Sport Fish Restoration and Boating Trust Fund

Percent Distribution of All Programs Beginning in FY 2014

Based on USFWS-WSFR Revenue Estimates

APPORTIONMENT - BUDGET YEAR		**2014 Actual**		**2014 ABA Proposal**
Receipts from Fiscal Year		**2013**		**2013**
Gas - Motorboat		337,500,000		337,500,000
Fish Equipment		65,192,370		65,192,370
Import Duties		45,807,314		45,807,314
Interest		10,726,167		10,726,167
Electric Outboard Motors		4,264,721		4,264,721
Fishing Tackle Boxes		1,451,395		1,451,395
Fishing Rods and Poles		9,152,857		9,152,857
Gas - Small Engines		121,507,000		121,507,000
Total Receipts		**595,601,823**		**595,601,823**
Grand Total To Be Distributed		**595,601,823**		**595,601,823**
DISTRIBUTION OF TOTAL RECEIPTS				
USFWS Adminstrative Costs		10,707,168	**1.99%**	**11,852,476**
US Coast Guard Administrative Costs		**see line 36**	**0.35%**	**25-2,084,606**
Total Adm Charges		**10,707,168**		**13,937,082**
Multi - State Grants and Commissions and Councils		4,200,000		**see lines 47-49**
Available to accounts		**580,694,655**		**581,664,741**
Coastal Wetlands	**18.5%**	**107,428,511**	**15.36%**	**91,484,440**
Corps of Engineers (70% of Coastal)		*75,199,958*	70.0%	*64,039,108*
North American Wetlands Conservation (15% of Coastal)		*16,114,277*	15.0%	*13,722,666*
FA Coastal Wetlands Grants (15% of Coastal - includes admin)		*16,114,277*	15.0%	*13,722,666*
State Boating Safety Grants Account	**18.5%**	**107,428,511**	**18.700%**	**111,377,541**
US Coast Guard Administrative Costs		36-2,038,570		see line 25
USCG National Program Coordination - ABA includes NBSAC		5,500,000		5,500,000
5% NP Grants		5,096,426		5,568,877
Boating Survey		0		1,500,000
Total to State Boating Safety Grants		**94,793,515**		**98,808,664**
Clean Vessel Act Pump out Program ***(includes admin)***	**2.0%**	**11,613,893**	**2.1%**	**12,507,638**
Boating Infrastructure ***(includes admin)***	**2.0%**	**11,613,893**	**2.1%**	**12,507,638**
National Outreach and Communications ***(includes admin)***	**2.0%**	**11,613,893**	**2.2%**	**13,103,240**
Sport Fish Restoration Account	**57.0%**	330,995,953	**57.200%**	**340,684,243**
Multistate Conservation Grants Program		0		47-3,000,000
Four Fisheries Commissions at $200,000 each		0		48-800,000
Sport Fishing and Boating Partnership Council		0		49-400,000
Total to SFR Acct for apportionment to states		330,995,953		**336,484,243**
Total Receipts Distributed		**595,601,823**		**595,601,823**
				100.00%

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

APRIL 15, 2014

SELECTION OF TEN CANDIDATE PROJECTS AND UP TO THREE DEMONSTRATION PROJECTS TO EVALUATE FOR PPL 24

For Decision:

The Technical Committee will consider preliminary costs and benefits of the 24th Priority Project List (PPL) project and demonstration project nominees listed below. The Technical Committee will select 10 projects and may select up to 3 demonstration projects as PPL 24 candidates to be evaluated for Phase 0 analysis, which will be considered later for final selection of projects that will be approved for Phase I (Planning and Engineering and Design).

Region	Basin	PPL 24 Nominees
1	Pontchartrain	New Orleans Landbridge Shoreline Stabilization & Marsh Creation
1	Pontchartrain	Shell Beach South Marsh Creation
1	Pontchartrain	Bayou Bienvenue Marsh Creation
2	Barataria	Bayou Dupont Sediment Delivery – Marsh Creation 4
2	Barataria	Barataria Bay Waterway East Marsh Creation
2	Barataria	East Leeville Marsh Creation & Nourishment
2	Barataria	Grand Bayou Marsh Creation & Terracing
3	Terrebonne	East Catfish Lake Marsh Creation & Terracing
3	Terrebonne	West Fouchon Marsh Creation & Marsh Nourishment
3	Terrebonne	Lake Felicity Oyster Reef Shoreline Protection & Marsh Creation
3	Terrebonne	Bayou Dularge Ridge Restoration & Marsh Creation
3	Teche-Vermilion	South & West Vermilion Bay Shoreline Protection – Critical Reaches
3	Teche-Vermilion	South Humble Marsh Creation & Nourishment
4	Calcasieu-Sabine	No Name Bayou Marsh Creation & Nourishment
4	Calcasieu-Sabine	East Holly Beach Gulf Shoreline Protection
4	Mermentau	Southeast Pecan Island Marsh Creation & Freshwater Enhancement
4	Mermentau	Umbrella Bay Shoreline Protection
	Coastwide	Coastwide Oyster Reef Shoreline Protection

	PPL 24 Demonstration Project Nominees
DEMO	Sediment Capture Tide Pump
DEMO	Stabilized Shorelines for Shoreline Protection
DEMO	Innovative Bedload Sediment Collector
DEMO	Ecosystems by Walter Marine

15-Apr-14

CWPPRA PPL 24 Candidate Vote - Technical Committee

Region	Basin	Type	Project	COE	EPA	FWS	NMFS	NRCS	State	No. of votes	Sum of Point Score
1	PO	MC/SP	New Orleans Landbridge Shoreline Stabilization & Marsh Creation	7	7	10	5	3	3	6	35
2	BA	MC	Grand Bayou Marsh Creation & Terracing	6	4	8	4	4	5	6	31
3	TE	MC	West Fouchon Marsh Creation & Marsh Nourishment		6	7	6	5	10	5	34
2	BA	MC	East Leeville Marsh Creation & Nourishment	2	5	2	9		8	5	26
4	ME	MC/FD	Southeast Pecan Island Marsh Creation & Freshwater Enhancement		2	1	1	10	1	5	15
1	PO	MC	Shell Beach South Marsh Creation	10	8		7	6		4	31
4	CS	MC	No Name Bayou Marsh Creation & Nourishment	9	3	3	10			4	25
3	TE	MC	Bayou Dularge Ridge Restoration & Marsh Creation	8	1			8	6	4	23
1	PO	MC	Bayou Bienvenue Marsh Creation	1	10		2		7	4	20
3	TV	MC	South Humble Marsh Creation & Nourishment			4	3	2	9	4	18
3	TE	MC/TR	East Catfish Lake Marsh Creation & Terracing	3		9	8			3	20
4	CS	SP	East Holly Beach Gulf Shoreline Protection			5		9	4	3	18
2	BA	MC	Bayou Dupont Sediment Delivery -- Marsh Creation 4		9				2	2	11
3	TE	SP/MC	Lake Felicity Oyster Reef Shoreline Protection & Marsh Creation	5		6				2	11
4	ME	SP	Umbrella Bay Shoreline Protection	4				7		2	11
3	TV	SP	South & West Vermilion Bay Shoreline Protection -- Critical Reaches					1		1	1
2	BA	MC	Barataria Bay Waterway East Marsh Creation							0	0
0	CW	0	Coastwide Oyster Reef Shoreline Protection							0	0

NOTES:
- Projects are sorted by: (1) "No. of Votes" and (2) "Sum of Point Score"

15-Apr-14

CWPPRA PPL 24 Candidate Vote - Technical Committee

Region	Basin	Type	Project	COE	EPA	FWS	NMFS	NRCS	State	No. of votes	Sum of Point Score
1	PO	MC/SP	New Orleans Landbridge Shoreline Stabilization & Marsh Creation	7						0	0
1	PO	MC	Shell Beach South Marsh Creation	10						0	0
1	PO	MC	Bayou Bienvenue Marsh Creation	1						0	0
2	BA	MC	Bayou Dupont Sediment Delivery -- Marsh Creation 4							0	0
2	BA	MC	Barataria Bay Waterway East Marsh Creation							0	0
2	BA	MC	East Leeville Marsh Creation & Nourishment	2						0	0
2	BA	MC	Grand Bayou Marsh Creation & Terracing	6						0	0
3	TE	MC/TR	East Catfish Lake Marsh Creation & Terracing	3						0	0
3	TE	MC	West Fouchon Marsh Creation & Marsh Nourishment							0	0
3	TE	SP/MC	Lake Felicity Oyster Reef Shoreline Protection & Marsh Creation	5						0	0
3	TE	MC	Bayou Dularge Ridge Restoration & Marsh Creation	8						0	0
3	TV	SP	South & West Vermilion Bay Shoreline Protection -- Critical Reaches							0	0
3	TV	MC	South Humble Marsh Creation & Nourishment							0	0
4	ME	MC/FD	Southeast Pecan Island Marsh Creation & Freshwater Enhancement							0	0
4	ME	SP	Umbrella Bay Shoreline Protection	4						0	0
4	CS	MC	No Name Bayou Marsh Creation & Nourishment	9						0	0
4	CS	SP	East Holly Beach Gulf Shoreline Protection							0	0
	CW		Coastwide Oyster Reef Shoreline Protection							0	0
				0	0	0	0	0	0	0	0
			check	55	55	55	55	55	55	60	330

The following voting process will be used by the Technical Committee to select 10 candidate projects under PPL 24:

1. Each agency represented in the Technical Committee will be provided one ballot for voting.
2. Each agency represented in the Technical Committee will cast weighted votes for 10 projects. All votes must be used.
3. Each agency will vote for their top projects, hand-written on the above ballot form
4. A weighted score will be assigned (10, 9, 8,...1), to be used in the event of a tie. (10 highest…1 lowest).
5. Initial rank will be determined based upon the number of votes received for a project (unweighted).
6. The Technical Committee will select the top 10 projects as candidates under PPL 24.
7. In the event of a tie at the cutoff of 10, the weighted will be used as a tie-breaker.
8. The tied projects will be ranked based upon a sum of the weighted score.
9. The results of the Technical Committee candidate selection will be reported to the Task Force.

X

15-Apr-14

CWPPRA PPL 24 Candidate Vote - Technical Committee

Region	Basin	Type	Project	COE	EPA	FWS	NMFS	NRCS	State	No. of votes	Sum of Point Score
1	PO	MC/SP	New Orleans Landbridge Shoreline Stabilization & Marsh Creation		7					0	0
1	PO	MC	Shell Beach South Marsh Creation		8					0	0
1	PO	MC	Bayou Bienvenue Marsh Creation		10					0	0
2	BA	MC	Bayou Dupont Sediment Delivery -- Marsh Creation 4		9					0	0
2	BA	MC	Barataria Bay Waterway East Marsh Creation							0	0
2	BA	MC	East Leeville Marsh Creation & Nourishment		5					0	0
2	BA	MC	Grand Bayou Marsh Creation & Terracing		4					0	0
3	TE	MC/TR	East Catfish Lake Marsh Creation & Terracing							0	0
3	TE	MC	West Fouchon Marsh Creation & Marsh Nourishment		6					0	0
3	TE	SP/MC	Lake Felicity Oyster Reef Shoreline Protection & Marsh Creation							0	0
3	TE	MC	Bayou Dularge Ridge Restoration & Marsh Creation		1					0	0
3	TV	SP	South & West Vermilion Bay Shoreline Protection -- Critical Reaches							0	0
3	TV	MC	South Humble Marsh Creation & Nourishment							0	0
4	ME	MC/FD	Southeast Pecan Island Marsh Creation & Freshwater Enhancement		2					0	0
4	ME	SP	Umbrella Bay Shoreline Protection							0	0
4	CS	MC	No Name Bayou Marsh Creation & Nourishment		3					0	0
4	CS	SP	East Holly Beach Gulf Shoreline Protection							0	0
	CW		Coastwide Oyster Reef Shoreline Protection							0	0
				0	0	0	0	0	0	0	0
			check	55	55	55	55	55	55	60	330

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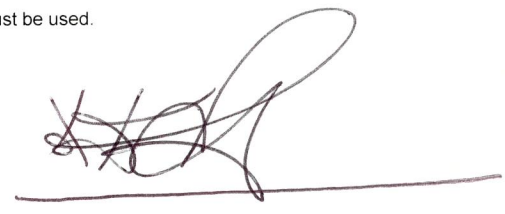

15-Apr-14

CWPPRA PPL 24 Candidate Vote - Technical Committee

Region	Basin	Type	Project	COE	EPA	FWS	NMFS	NRCS	State	No. of votes	Sum of Point Score
1	PO	MC/SP	New Orleans Landbridge Shoreline Stabilization & Marsh Creation			10				0	0
1	PO	MC	Shell Beach South Marsh Creation							0	0
1	PO	MC	Bayou Bienvenue Marsh Creation							0	0
2	BA	MC	Bayou Dupont Sediment Delivery -- Marsh Creation 4							0	0
2	BA	MC	Barataria Bay Waterway East Marsh Creation							0	0
2	BA	MC	East Leeville Marsh Creation & Nourishment			2				0	0
2	BA	MC	Grand Bayou Marsh Creation & Terracing			8				0	0
3	TE	MC/TR	East Catfish Lake Marsh Creation & Terracing			9				0	0
3	TE	MC	West Fouchon Marsh Creation & Marsh Nourishment			7				0	0
3	TE	SP/MC	Lake Felicity Oyster Reef Shoreline Protection & Marsh Creation			6				0	0
3	TE	MC	Bayou Dularge Ridge Restoration & Marsh Creation							0	0
3	TV	SP	South & West Vermilion Bay Shoreline Protection -- Critical Reaches							0	0
3	TV	MC	South Humble Marsh Creation & Nourishment			4				0	0
4	ME	MC/FD	Southeast Pecan Island Marsh Creation & Freshwater Enhancement			1				0	0
4	ME	SP	Umbrella Bay Shoreline Protection							0	0
4	CS	MC	No Name Bayou Marsh Creation & Nourishment			3				0	0
4	CS	SP	East Holly Beach Gulf Shoreline Protection			5				0	0
	CW		Coastwide Oyster Reef Shoreline Protection							0	0
				0	0	0	0	0	0	0	0
			check	55	55	55	55	55	55	60	330

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15-Apr-14

CWPPRA PPL 24 Candidate Vote - Technical Committee

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1	PO	MC/SP	New Orleans Landbridge Shoreline Stabilization & Marsh Creation				5			0	0
1	PO	MC	Shell Beach South Marsh Creation				7			0	0
1	PO	MC	Bayou Bienvenue Marsh Creation				2			0	0
2	BA	MC	Bayou Dupont Sediment Delivery -- Marsh Creation 4							0	0
2	BA	MC	Barataria Bay Waterway East Marsh Creation							0	0
2	BA	MC	East Leeville Marsh Creation & Nourishment				9			0	0
2	BA	MC	Grand Bayou Marsh Creation & Terracing				4			0	0
3	TE	MC/TR	East Catfish Lake Marsh Creation & Terracing				8			0	0
3	TE	MC	West Fouchon Marsh Creation & Marsh Nourishment				6			0	0
3	TE	SP/MC	Lake Felicity Oyster Reef Shoreline Protection & Marsh Creation							0	0
3	TE	MC	Bayou Dularge Ridge Restoration & Marsh Creation							0	0
3	TV	SP	South & West Vermilion Bay Shoreline Protection -- Critical Reaches							0	0
3	TV	MC	South Humble Marsh Creation & Nourishment				3			0	0
4	ME	MC/FD	Southeast Pecan Island Marsh Creation & Freshwater Enhancement				1			0	0
4	ME	SP	Umbrella Bay Shoreline Protection							0	0
4	CS	MC	No Name Bayou Marsh Creation & Nourishment				10			0	0
4	CS	SP	East Holly Beach Gulf Shoreline Protection							0	0
	CW		Coastwide Oyster Reef Shoreline Protection							0	0
				0	0	0	0	0	0	0	0
			check	55	55	55	55	55	55	60	330

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15-Apr-14

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1	PO	MC	Shell Beach South Marsh Creation					6		0	0
1	PO	MC	Bayou Bienvenue Marsh Creation							0	0
2	BA	MC	Bayou Dupont Sediment Delivery -- Marsh Creation 4							0	0
2	BA	MC	Barataria Bay Waterway East Marsh Creation							0	0
2	BA	MC	East Leeville Marsh Creation & Nourishment							0	0
2	BA	MC	Grand Bayou Marsh Creation & Terracing					4		0	0
3	TE	MC/TR	East Catfish Lake Marsh Creation & Terracing							0	0
3	TE	MC	West Fouchon Marsh Creation & Marsh Nourishment					5		0	0
3	TE	SP/MC	Lake Felicity Oyster Reef Shoreline Protection & Marsh Creation							0	0
3	TE	MC	Bayou Dularge Ridge Restoration & Marsh Creation					8		0	0
3	TV	SP	South & West Vermilion Bay Shoreline Protection -- Critical Reaches					1		0	0
3	TV	MC	South Humble Marsh Creation & Nourishment					2		0	0
4	ME	MC/FD	Southeast Pecan Island Marsh Creation & Freshwater Enhancement					10		0	0
4	ME	SP	Umbrella Bay Shoreline Protection					7		0	0
4	CS	MC	No Name Bayou Marsh Creation & Nourishment							0	0
4	CS	SP	East Holly Beach Gulf Shoreline Protection					9		0	0
	CW		Coastwide Oyster Reef Shoreline Protection							0	0
				0	0	0	0	0	0	0	0
			check	55	55	55	55	55	55	60	330

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2	BA	MC	Barataria Bay Waterway East Marsh Creation							0	0
2	BA	MC	East Leeville Marsh Creation & Nourishment						8	0	0
2	BA	MC	Grand Bayou Marsh Creation & Terracing						5	0	0
3	TE	MC/TR	East Catfish Lake Marsh Creation & Terracing							0	0
3	TE	MC	West Fouchon Marsh Creation & Marsh Nourishment						10	0	0
3	TE	SP/MC	Lake Felicity Oyster Reef Shoreline Protection & Marsh Creation							0	0
3	TE	MC	Bayou Dularge Ridge Restoration & Marsh Creation						6	0	0
3	TV	SP	South & West Vermilion Bay Shoreline Protection -- Critical Reaches							0	0
3	TV	MC	South Humble Marsh Creation & Nourishment						9	0	0
4	ME	MC/FD	Southeast Pecan Island Marsh Creation & Freshwater Enhancement						1	0	0
4	ME	SP	Umbrella Bay Shoreline Protection							0	0
4	CS	MC	No Name Bayou Marsh Creation & Nourishment							0	0
4	CS	SP	East Holly Beach Gulf Shoreline Protection						4	0	0
	CW		Coastwide Oyster Reef Shoreline Protection							0	0
				0	0	0	0	0	0	0	0
			check	55	55	55	55	55	55	60	330

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7. In the event of a tie at the cutoff of 10, the weighted will be used as a tie-breaker.
8. The tied projects will be ranked based upon a sum of the weighted score.
9. The results of the Technical Committee candidate selection will be reported to the Task Force.

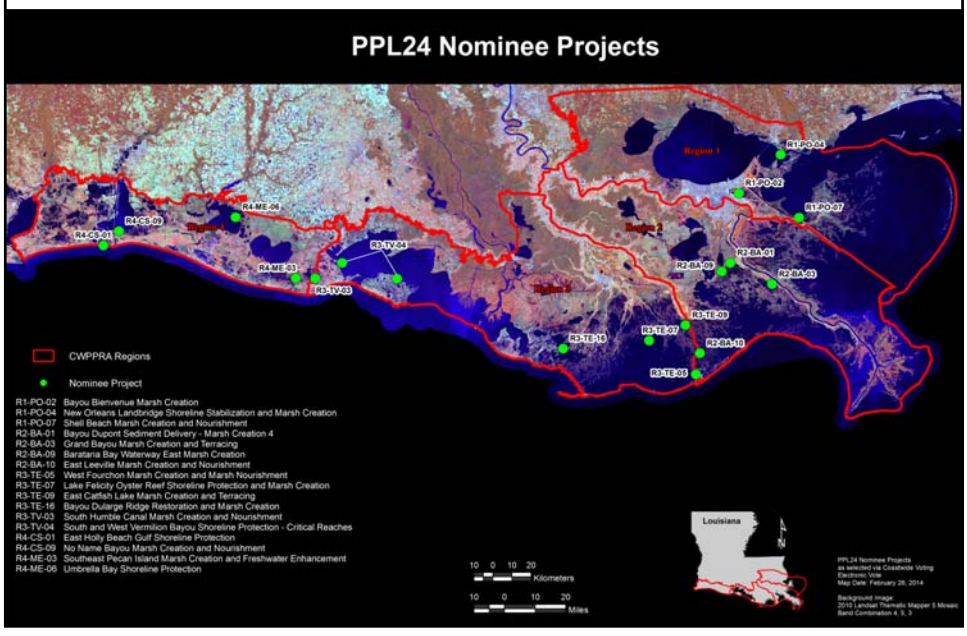
CWPPRA PPL 24 Nominees

Technical Committee Meeting

New Orleans, LA
April 15, 2014

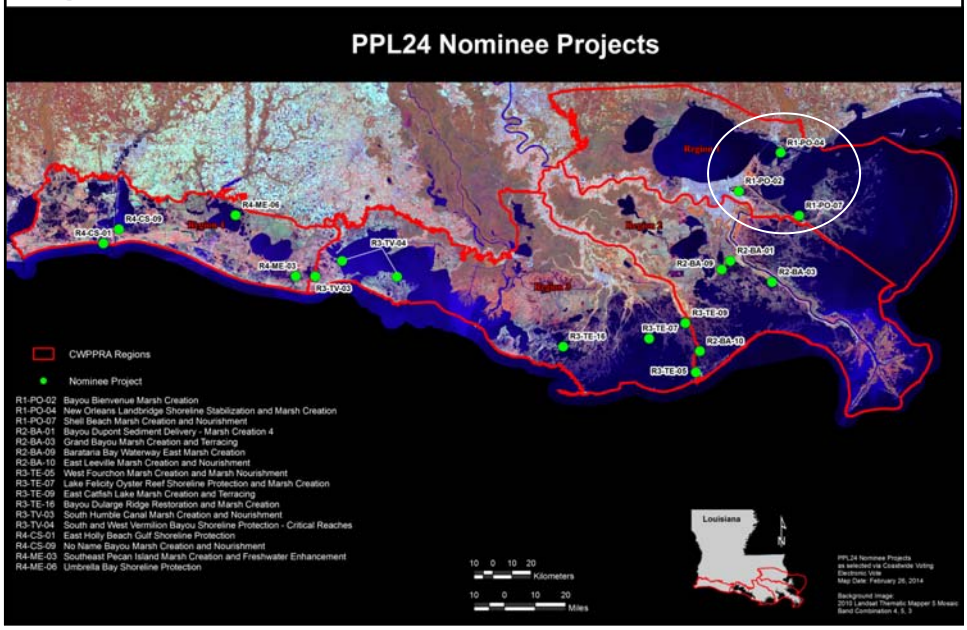
CWPPRA

Nominee Projects by Region



CWPPRA

Region 1- Pontchartrain Basin



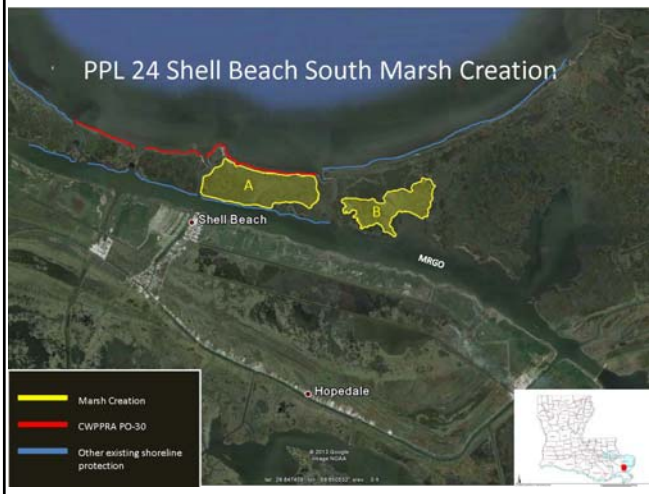
CWPPRA

New Orleans Landbridge Shoreline Stabilization & Marsh Creation

- 205 acres of marsh creation and 12,716 linear feat of shoreline restoration to maintain structural integrity of the Orleans Landbridge
- Dredging from two borrow areas - Lakes St. Catherine and Pontchartrain
- 100-150 net acres
- $10M - $15M fully-funded

CWPPRA

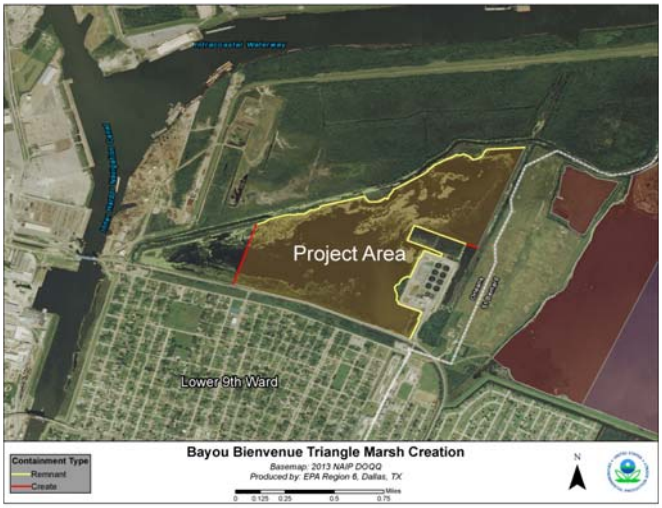
Shell Beach South Marsh Creation



- Create & nourish 617 acres of marsh to stabilize the landform separating Lake Borgne and the MRGO
- Lake Borgne borrow site
- 350-400 net acres
- $25M - $30M fully-funded

CWPPRA

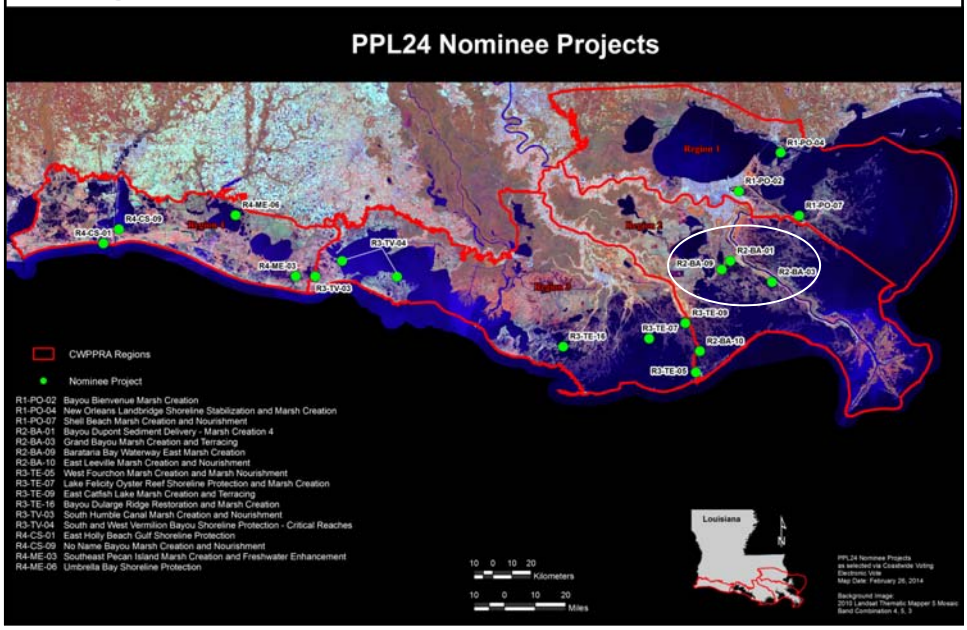
Bayou Bienvenue Marsh Creation



- 350 acres of marsh creation
- Restore the historic bankline along Bayou Bienvenue
- Mississippi River borrow site
- 300-350 net acres
- $30M - $35M fully-funded

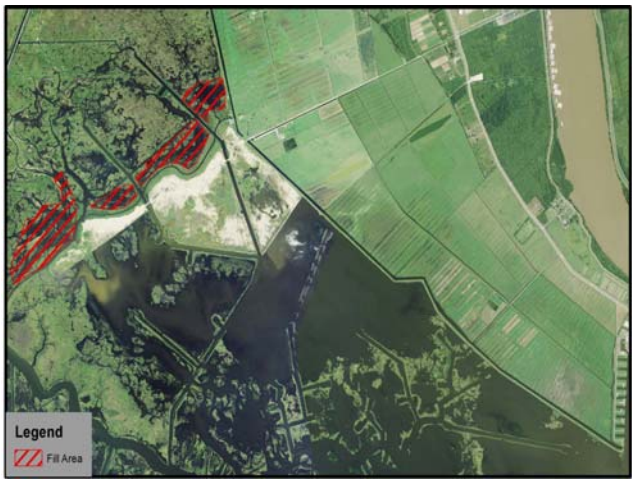
CWPPRA

Region 2- Barataria Basin



CWPPRA

Bayou Dupont Sediment Delivery – Marsh Creation 4



- 300 acres of marsh creation
- Adjacent to recently constructed BA-39 project
- Mississippi River borrow site
- 200-250 net acres
- $25M - $30M fully-funded

CWPPRA

Barataria Bay Waterway East Marsh Creation

- 240 acres of marsh creation
- Mississippi River borrow site
- Complements BA-41 South Shore of the Pen Shoreline Protection and Marsh Creation Project
- 200-250 net acres
- $50M - $55M fully-funded

CWPPRA

East Leeville Marsh Creation & Nourishment

- 495 acres of marsh creation
- Little Lake borrow site
- Vegetative planting of the marsh platform
- 300-350 net acres
- $35M - $40M fully-funded

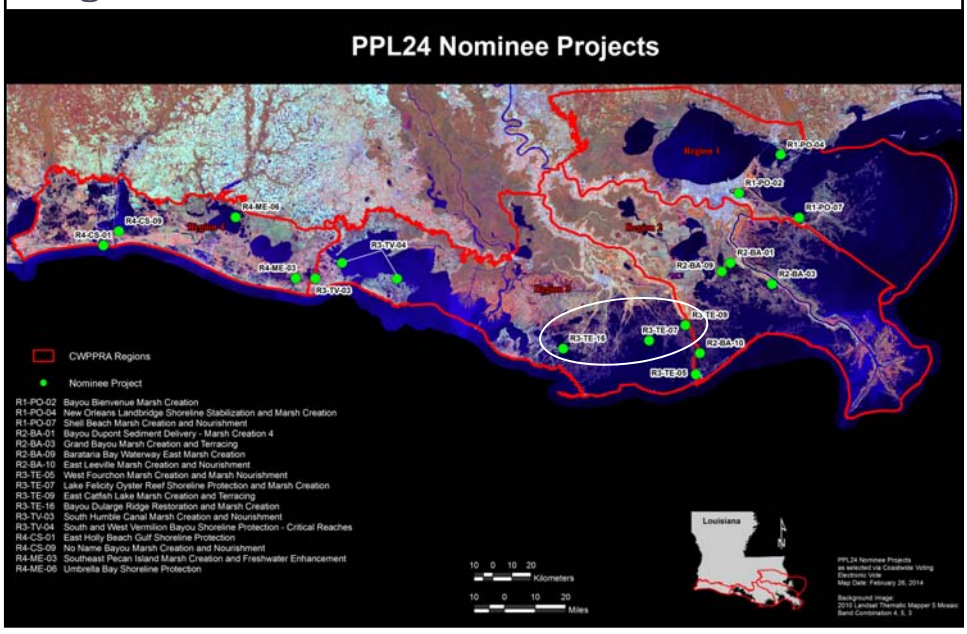
CWPPRA

Grand Bayou Marsh Creation & Terracing

- 375 acres of marsh creation
- 77,000 linear feet (53 acres) of terraces
- Mississippi River borrow site
- 350-400 net acres
- $35M - $40M fully-funded

CWPPRA

Region 3- Terrebonne Basin



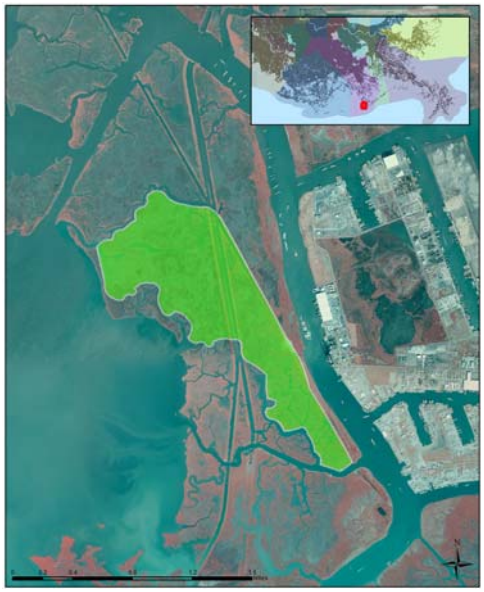
CWPPRA

East Catfish Lake Marsh Creation & Terracing

- 610 acres of marsh creation
- 26,000 linear ft (18 ac) of terraces
- Catfish Lake borrow site
- 500-600 net acres
- $30M - $35M fully-funded

CWPPRA

West Fourchon Marsh Creation & Nourishment



- 614 acres of marsh creation
- Restore local hydrology by filling north-south pipeline canals
- Offshore or Timbalier Bay borrow site
- 300-350 net acres
- $30M - $35M fully-funded

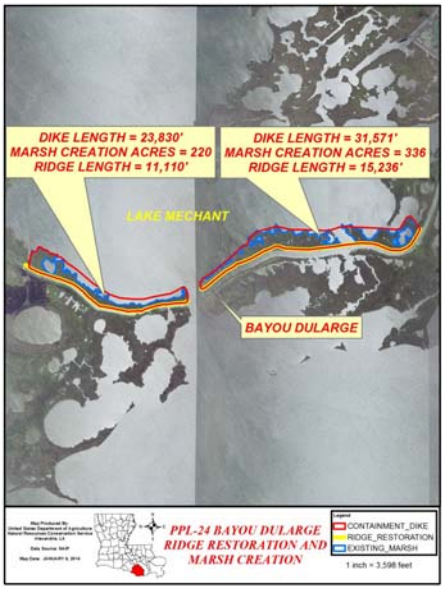
CWPPRA

Lake Felicity Oyster Reef Shoreline Protection & Marsh Creation

- Protection of 30,000 ft of Terrebonne Bay shoreline utilizing rock-filled gabion mats and foreshore structures to enhance oyster reef production
- 155 acres of marsh creation
- Terrebonne Bay borrow site
- 200-250 net acres
- $25M - $30M fully-funded

CWPPRA

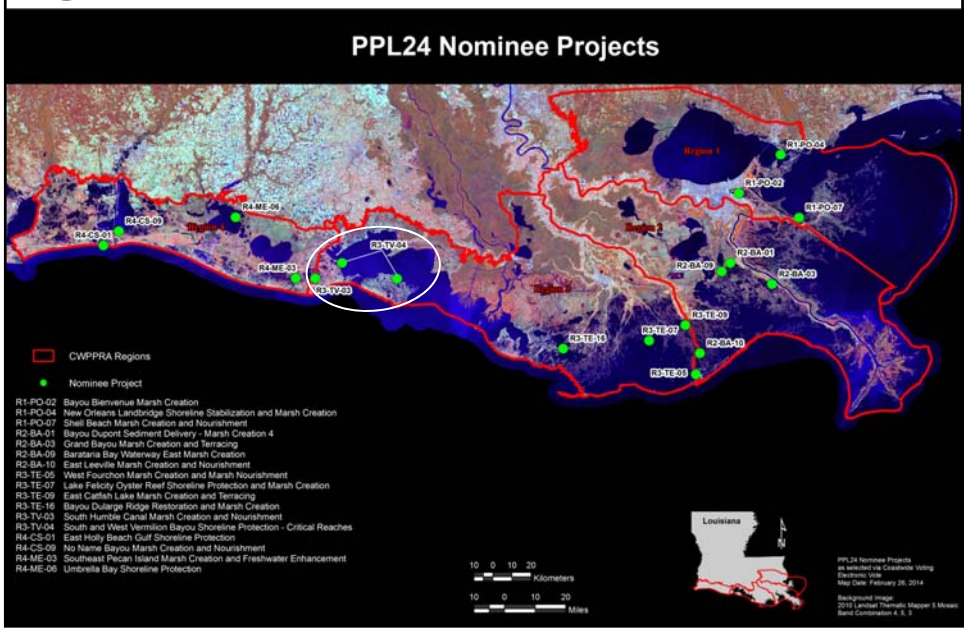
Bayou Dularge Ridge Restoration & Marsh Creation



- Create 27,000 linear ft (30 acres) of ridge north of Bayou Dularge
- 526 acres of marsh creation
- Lake Mechant borrow site
- 300-350 net acres
- $30M - $35M fully-funded

CWPPRA

Region 3- Teche-Vermilion Basin



CWPPRA

South & West Vermilion Bay Shoreline Protection – Critical Reaches

- 26,400 linear ft of rock breakwater at selected reaches along the Vermilion Bay shoreline
- Prevent coalescence of interior lakes with Vermilion Bay
- 150-200 net acres
- $30M - $35M fully-funded

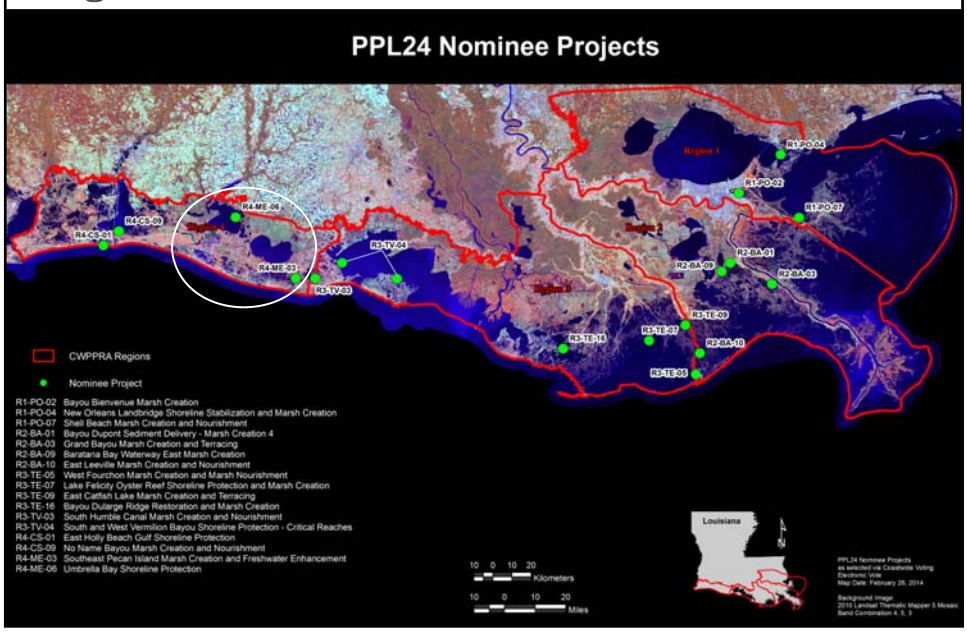
CWPPRA

South Humble Marsh Creation & Nourishment

- 500 acres of marsh creation
- Gulf of Mexico borrow site
- 350-400net acres
- $35M - $40M fully-funded

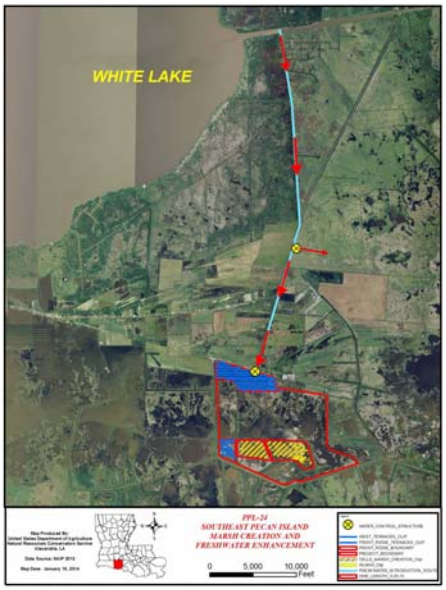
CWPPRA

Region 4- Mermentau Basin



CWPPRA

Southeast Pecan Island Marsh Creation & Freshwater Enhancement



- 310 acres of marsh creation
- Gulf of Mexico borrow site
- 55,348 linear ft (43 ac) of terraces
- Water control structure at Front Ridge to introduce fresh water to the south
- 350-400 net acres
- $35M - $40M fully-funded

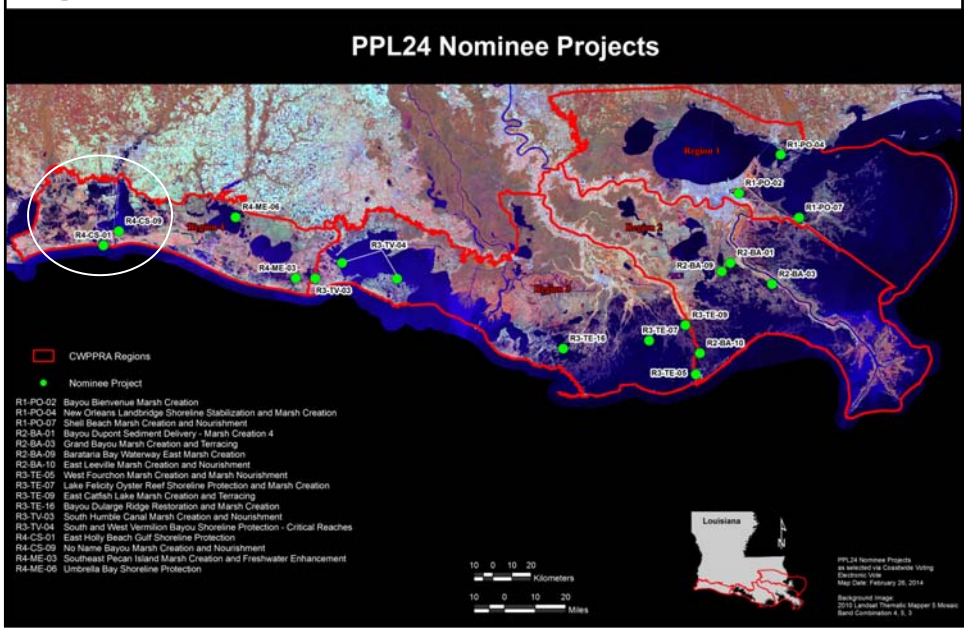
CWPPRA

Umbrella Bay Shoreline Protection

- 35,100 linear ft of foreshore rock dike
- Dredging from access channel used beneficially to create 52 acres of marsh
- 100-150 net acres
- $20M - $25M fully-funded

CWPPRA

Region 4- Calcasieu-Sabine Basin



CWPPRA

No Name Bayou Marsh Creation & Nourishment

- 515 acres of marsh creation
- Dredging from upland disposal sites of the Calcasieu River
- Vegetative plantings on the marsh platform
- 350-400 net acres
- $25M - $30M fully-funded

CWPPRA

East Holly Beach Gulf Shoreline Protection

- 15,000 linear ft (2.8 mi) of rock breakwaters to protect critical shoreline along Hwy 82
- Protects beach recently created via the CS-33 SF project which pumped 2M cubic yards of sand from offshore borrow site
- 150-200 net acres
- $30M - $35M fully-funded

CWPPRA PPL 24

Coastwide Project Nominee

CWPPRA

Coastwide Oyster Reef Shoreline Protection

- 12 miles of shoreline protection in 4 increments of 3 miles each
- Utilize rock-filled gabion mats and foreshore structures to promote oyster reef development
- 200-250 net acres
- $30M - $35M fully-funded

CWPPRA PPL 24

Demonstration Project Nominees

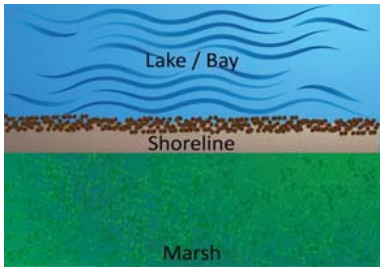
CWPPRA

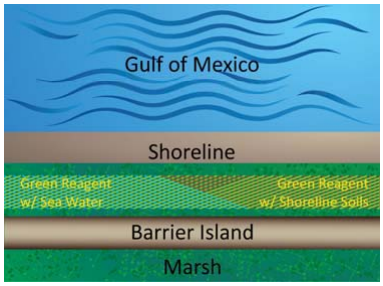
Sediment Capture Tide Pump

- Utilizes a "pump" to move water and associated sediment from a source to an area of need
- Operates on tidal energy; no need for outside power source
- In concept, similar to a siphon

CWPPRA

Stabilized Shorelines for Shoreline Protection

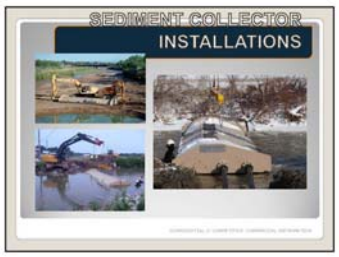




- This technique seeks to stabilize and protect eroding interior marsh shorelines along bays and lakes. The technique involves two methods:
  - Placing stabilized soil material along the shoreline using a barge and long-reach excavator
  - Placing stabilized soil material into a trench which would be excavated along an eroding marsh shoreline

CWPPRA

Innovative Bedload Sediment Collector



- Utilizes a passive sediment collector installed in the bottom of a river to capture bedload sediments
- Sediment is pumped to an upland dewatering site for beneficial use
- Potential exists to pump the sediment directly to a restoration site for marsh creation/nourishment

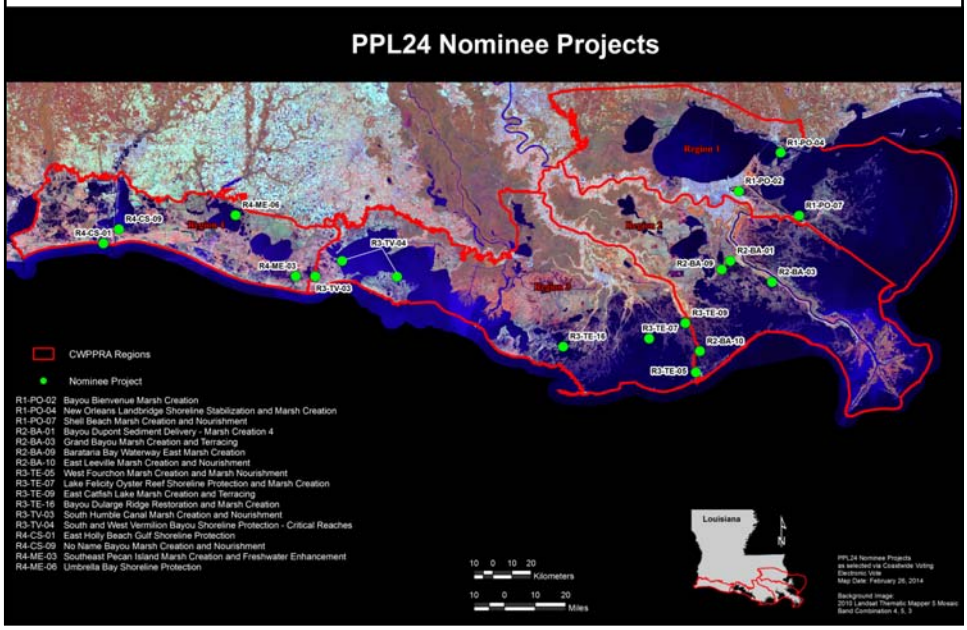
CWPPRA

Ecosystems by Walter Marine

- Utilizes a pile-supported system of limestone-embedded concrete discs
- Seeks to demonstrate an alternative to rock shoreline protection in areas of poor soils
- Additional benefit of reef habitat

CWPPRA

Nominee Projects Per Region



CWPPRA PPL 24 Project Nominees

Region	Basin	Project Nominees
1	Pontchartrain	New Orleans Landbridge Shoreline Stabilization & Marsh Creation
1	Pontchartrain	Shell Beach South Marsh Creation
1	Pontchartrain	Bayou Bienvenue Marsh Creation
2	Barataria	Bayou Dupont Sediment Delivery – Marsh Creation 4
2	Barataria	Barataria Bay Waterway East Marsh Creation
2	Barataria	East Leeville Marsh Creation & Nourishment
2	Barataria	Grand Bayou Marsh Creation & Terracing
3	Terrebonne	East Catfish Lake Marsh Creation & Terracing
3	Terrebonne	West Fouchon Marsh Creation & Marsh Nourishment
3	Terrebonne	Lake Felicity Oyster Reef Shoreline Protection & Marsh Creation
3	Terrebonne	Bayou Dularge Ridge Restoration & Marsh Creation
3	Teche-Vermilion	South & West Vermilion Bay Shoreline Protection – Critical Reaches
3	Teche-Vermilion	South Humble Marsh Creation & Nourishment
4	Calcasieu-Sabine	No Name Bayou Marsh Creation & Nourishment
4	Calcasieu-Sabine	East Holly Beach Gulf Shoreline Protection
4	Mermentau	Southeast Pecan Island Marsh Creation & Freshwater Enhancement
4	Mermentau	Umbrella Bay Shoreline Protection
	Coastwide	Coastwide Oyster Reef Shoreline Protection

CWPPRA PPL24 Nominees **SUMMARY MATRIX** 14-Apr-14

Region	Basin	Type	Project	Preliminary Fully Funded Cost Range	Preliminary Benefits (Net Acres Range)	Considerations: Oysters	Land Rights	Pipelines/Utilities	O&M	Other --->	Comments / Other
1	Pontchartrain	MC/SP	New Orleans Landbridge Shoreline Stabilization & Marsh Creation	$10M - $15M	100-150			X		X	Gulf sturgeon critical habitat
1	Pontchartrain	MC	Shell Beach South Marsh Creation	$25M - $30M	350-400	X				X	Gulf sturgeon critical habitat
1	Pontchartrain	MC	Bayou Bienvenue Marsh Creation	$30M - $35M	300-350		X	X			
2	Barataria	MC	Bayou Dupont Sediment Delivery - Marsh Creation 4	$25M - $30M	200-250			X		X	Borrow availability
2	Barataria	MC	Barataria Bay Waterway East Marsh Creation	over $50M	200-250			X		X	Borrow availability
2	Barataria	MC	East Leeville Marsh Creation and Nourishment	$35M - $40M	300-350	X		X		X	Proximity to elevated highway
2	Barataria	MC	Grand Bayou Marsh Creation and Terracing	$35M - $40M	350-400			X		X	Borrow availability
3	Terrebonne	MC/TR	East Catfish Lake Marsh Creation and Terracing	$30M - $35M	500-600	X		X			
3	Terrebonne	MC	West Fourchon Marsh Creation and Nourishment	$30M - $35M	300-350	X		X			
3	Terrebonne	SP/MC	Lake Felicity Oyster Reef Shoreline Protection and Marsh Creation	$25M - $30M	200-250	X		X			
3	Terrebonne	MC	Bayou Dularge Ridge Restoration and Marsh Creation	$30M - $35M	300-350	X				X	Camps along Bayou Dularge
3	Teche-Vermilion	SP	South and West Vermilion Bay Shoreline Protection-Critical Reaches	$30M - $35M	150-200			X	X		
3	Teche-Vermilion	MC	South Humble Marsh Creation and Nourishment	$35M - $40M	350-400			X		X	Extensive soil testing required
4	Mermentau	MC/FD	Southeast Pecan Island Marsh Creation and Freshwater Enhancement	$35M - $40M	350-400			X	X	X	Extensive soil testing required
4	Mermentau	SP	Umbrella Bay Shoreline Protection	$20M - $25M	100-150			X	X		
4	Calcasieu-Sabine	MC	No Name Bayou Marsh Creation and Nourishment	$25M - $30M	350-400			X			
4	Calcasieu-Sabine	SP	East Holly Beach Gulf Shoreline Protection	$30M - $35M	150-200				X	X	Piping plover critical habitat

	CoastWide		Oyster Reef Shoreline Protection	$30M - $35M	200-250	X		X			

PPL 24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
New Orleans Landbridge Shoreline Stabilization & Marsh Creation Project

Project Location
Region 1, Pontchartrain Basin, Orleans Parish, along the east portion of Lake Pontchartrain on both sides of U.S. Highway 90 between Hospital Road and Greens Ditch

Problem
Since 1956, the project area has lost more than 110 acres of wetlands along the east shore of Lake Pontchartrain between Hospital Road and the Greens Ditch area. The shoreline in the Hospital Wall Area has retreated approximately 450 feet since 1956. Wetland losses were accelerated by winds and storm surge caused by Hurricanes Katrina and Rita. Within the project area, these storms alone converted approximately 70 acres of interior marsh to open water. Flooding of nearby communities during strong northwest winds may be partially attributed to these high wetland losses. Stabilizing the shoreline and protecting the remaining marsh would protect natural coastal resources, communities and infrastructure. USGS land change analysis determined an interior and shoreline loss rate of -0.35 %/yr for the 1984-2012 period of analysis for an extended boundary. Subsidence in this unit is relatively low and is estimated at 0-1 ft/century (Coast 2050).

Goals
The project goal is to restore and enhance **205** acres of brackish marsh and to protect **12,716** linear feet of shoreline to maintain the structural integrity of the Orleans Landbridge.

Lake Pontchartrain supports a large number of wintering waterfowl, including horned grebe and common loon. Lesser Scaup populations have rebounded in recent years with more than 1 million birds observed wintering after hurricane Katrina. Various gulls, terns, herons, egrets, and rails can be found using habitats associated with Lake Pontchartrain, which has been designated as an Important Bird Area by the American Bird Conservancy. Restoring the marshes along the Orleans Landbridge will help to protect fish and wildlife trust resources dependent on marsh habitats, particularly at-risk species such as the diamondback terrapin, black rail, reddish egret, brown pelican and the Louisiana eyed silkmoth.

Proposed Solution
Approximately 1,046,673 cubic yards of material will be dredged from two borrow areas in Lakes St. Catherine and Pontchartrain and from flotation access. Material will be placed in three restoration areas: a 107-acre area west of U.S. Highway 90, and two areas (85-acre area and 13 acre area) east of U.S. Highway 90. Containment dikes will be constructed to achieve a target marsh elevation of 1.2 ft NAVD 88 (6 inches above existing marsh elevation; CRMS3784). The dikes would be gapped and/or degraded after construction (no later than 2 years post construction) to allow for estuarine organism access. Average water depths in the area are approximately 1.5 feet. Approximately 12,716 linear feet of containment will be constructed with a top width of 20 feet (1V:5H side slopes) to serve as an enhanced earthen shoreline along both lake shorelines adding additional protection from wind-induced wave fetch. Of the

shoreline protection, 2,129 linear feet would be constructed in front of existing marsh offering additional protection. Gaps are not proposed in the enhanced shoreline for MC 3. However, at least 4 gaps are proposed along the shoreline for MC 1 to allow for organism access. Vegetative plantings are proposed including five rows along the crown and two rows along the front slope of the shoreline protection berm and within the marsh creation areas.

Preliminary Project Benefits

1) *What is the total acreage benefited both directly and indirectly?*
   Marsh creation and nourishment totals 205 acres.

2) *How many acres of wetlands will be protected/created over the project life?*
   Approximately 117 net acres of brackish marsh habitat will be protected/created over the project life.

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (e.g., 50% reduction in the background loss rate)?*
   The anticipated land loss rate reduction will be a 50% reduction in loss rates to approximately 205 acres resulting from marsh creation and nourishment.

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc?*
   The project protects the East Orleans Landbridge and maintains a portion of the lake rims of Lake Pontchartrain and Lake St. Catherine, which are structural components of the coastal ecosystem and provide one of the last lines of defense against storm surge coming into the Lake Pontchartrain system.

5) *What is the net impact of the project on critical and non-critical infrastructure?*
   The project would have a net positive impact to critical infrastructure which consists of U.S. Highway 90, a major hurricane evacuation route for the Greater New Orleans area, and residences along the East Orleans Land Bridge due to reducing the rate or frequency of flooding from south/southeast winds and tidal surge.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects?*
   The project will have synergistic effects with flood protection and restoration efforts within the Lake Pontchartrain Basin including the Greater New Orleans Hurricane and Storm Damage Risk Reduction System, the Bayou Chevee Shoreline Protection Project (PO-22), as well as several marsh mitigation projects being designed and implemented in the area.

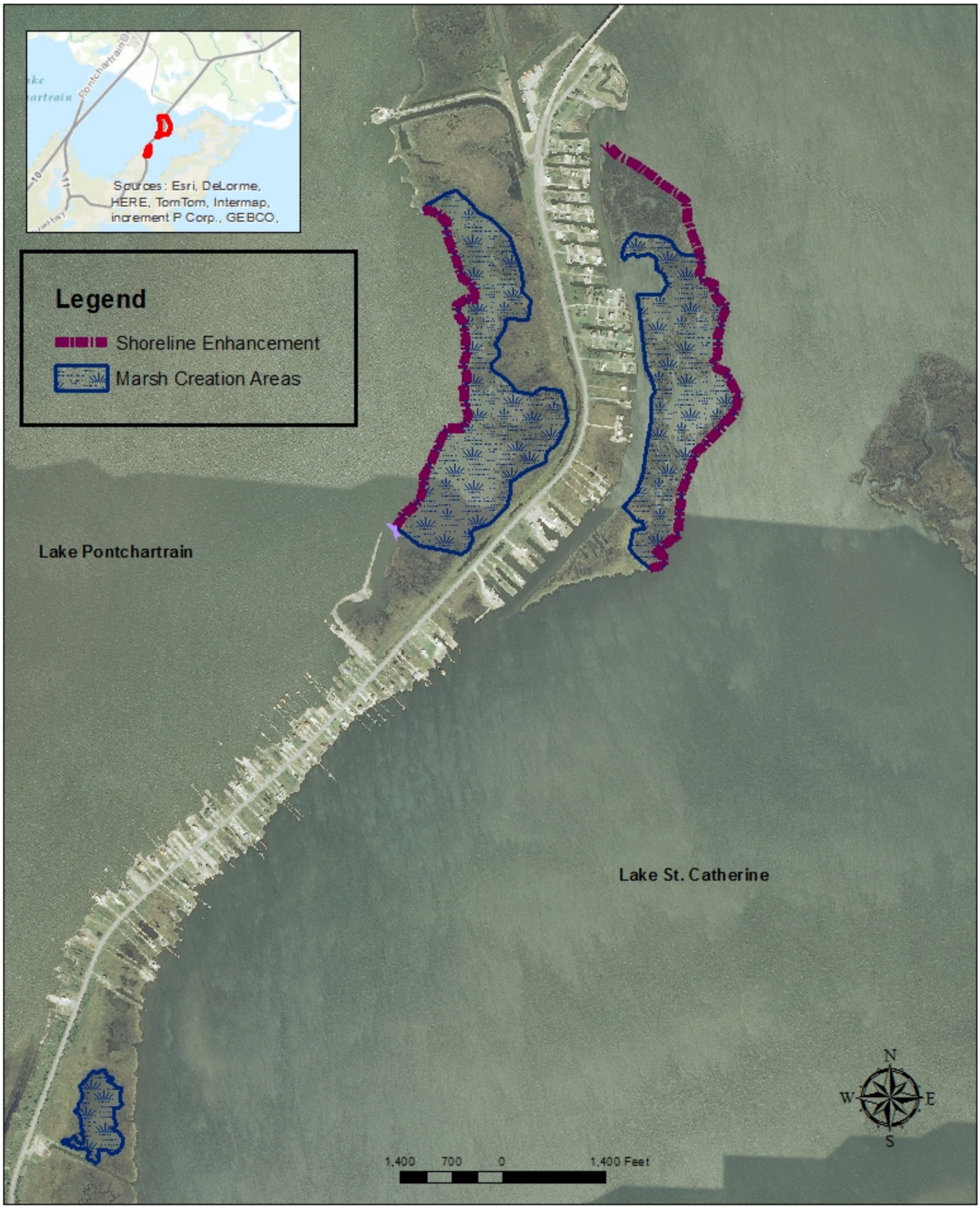
Project Considerations

Considerations for this project include pipelines/utilities and Gulf sturgeon critical habitat.

Preliminary Construction Costs
The estimated construction cost including 25% contingency is $9,698,845. The fully-funded cost range is $10M-$15M.

Preparers of Fact Sheet
Angela Trahan, FWS, 337-291-3137, angela_trahan@fws.gov

New Orleans Landbridge Shoreline Stabilization and Marsh Creation (PPL24)



PPL24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
Shell Beach South Marsh Creation

Project 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

Problem
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, interior wetland loss due to subsidence continues to cause marsh fragmentation and pond enlargement. Wetland loss rates in the applicable mapping unit are estimated to be -0.49%/year (LCA South Lake Borgne Subunit).

Proposed Solution
The proposed project will create and nourish 617 acres of marsh by dredging about 3.7 Mcy of 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 374 acres of marsh and nourish at least 243 acres of existing fragmented marsh. A target fill elevation of +1.5 feet is envisioned to enhance longevity of this land form. Additionally, 187 acres of vegetative plantings will occur within the newly created areas. Due to the presence of existing banklines, it is envisioned that dredged slurry overflow could potentially be discharged immediately adjacent to the project area polygons which could result in nourishment of additional areas.

Goals
The project would create and nourish 617 acres of emergent brackish marsh to stabilize the landform separating Lake Borgne from the MRGO.

Preliminary Project Benefits

1) *What is the total acreage benefited both directly and indirectly?*
   The total project area is approximately 617 acres.

2) *How many acres of wetlands will be protected/created over the project life?*
   Assuming a 50% reduction in the background loss rate of -0.49%/year, the marsh creation and nourishment would result in 368 net acres after 20 years.

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (<25%, 25-49%, 50-74%, and >75%)?*
   A 50% loss rate reduction is assumed for both marsh creation and nourishment.

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc?*
The project would maintain the narrow landform between the shallow waters of Lake Borgne and the deeper MRGO as well as provide benefits to the Lake Borgne shoreline.

5) *What is the net impact of the project on critical and non-critical infrastructure?*
The proposed project would provide benefits to the community of Shell Beach which will be increasingly exposed as loss of the landform continues through subsidence and interior marsh loss. The project would also provide positive impacts to non-critical (i.e., minor oil and gas facilities) infrastructure.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects?*
The project would be synergistic with shoreline protection projects implemented under the CWPPRA program as well as other authorities.

Project Considerations
The proposed project will have to address Gulf Sturgeon critical habitat and oyster leases.

Preliminary Construction Costs
The estimated construction cost including 25% contingency is $22,721,519. The fully funded cost range is $25 - $30 M.

Preparer(s) of Fact Sheet:
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Scott Wandell, USACE, 504-862-1878, scott.f.wandell@usace.army.mil

PPL 24 Shell Beach South Marsh Creation

PPL24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
Bayou Bienvenue Marsh Creation

Project Location
Region 1, Pontchartrain Basin, Orleans Parish, adjacent to St. Bernard Parish

Problem
Over the past decades, the wetlands and wetland function in the area have been lost because of altered hydrology due to impoundment, subsidence, and saltwater intrusion. The area was heavily impacted by the construction of the MRGO in the 1960's. The majority of the area is shallow open water, littered with cypress stumps and snags. The land loss rate for the Central Wetlands subunit is -0.68% per year.

Goals
The goal of this project is to create/nourish marsh in one of several cells adjacent to Bayou Bienvenue using sediment mined from the Mississippi River. Specific goals include:

1. Restoration of approximately 350 acres of open water into emergent marsh
2. Restoring the historic bankline along Bayou Bienvenue

The alignment for this project is labeled as Cell 8 in the attached map, with cells 1-7 envisioned for later PPLs.

Proposed Solution
Dedicated dredging of sediments from the Mississippi River will be used to create emergent marsh in the triangular-shaped area adjacent to the headwaters of Bayou Bienvenue. The project would benefit 350 acres of wetlands by converting open water into marsh and nourishing existing marsh remnants. A total of 327 net acres of wetlands would be protected and created over the 20-year project life. The visibility of the project, due to its location, lends itself to educational and outreach opportunities. Florida Avenue in the Lower Ninth Ward is south of the project area. A community group, restorethebayou.org, is very supportive of restoration in the area. Restoration in this area would build New Orleans' defenses against hurricanes and flooding and offer opportunities for recreation and wildlife habitat.

Preliminary Project Benefits

1) *What is the total acreage benefited both directly and indirectly?*
   This total project area is 350 acres.

2) *How many acres of wetlands will be protected/created over the project life?*
   Approximately 327 acres of emergent marsh habitat will be protected/created over the project life.

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (e.g., 50% reduction in the background loss rate)?*
The loss rate in the area of direct benefits would be reduced by 50%.

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc?*
This project would help protect and restore a portion of the Bayou Bienvenue Marsh and restore the historic ridge along Bayou Bienvenue.

5) *What is the net impact of the project on critical and non-critical infrastructure?*
The project would have net positive impact to critical infrastructure by providing addition marsh buffer between Lake Borgne and the City of New Orleans and help protect the New Orleans East Hurricane protection levee.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects?*
This project would work synergistically with the approved CIAP Central Wetlands Assimilation Project with the Sewerage & Water Board of New Orleans (East Bank Plant) and St. Bernard Parish.

Project Considerations
Utility pipelines are numerous in the urban setting. There are numerous landowners in the project area.

Project Costs
The estimated construction cost including 25% contingency is $25,881,856. The fully-funded cost range is $30M - $35M.

Preparers of Fact Sheet
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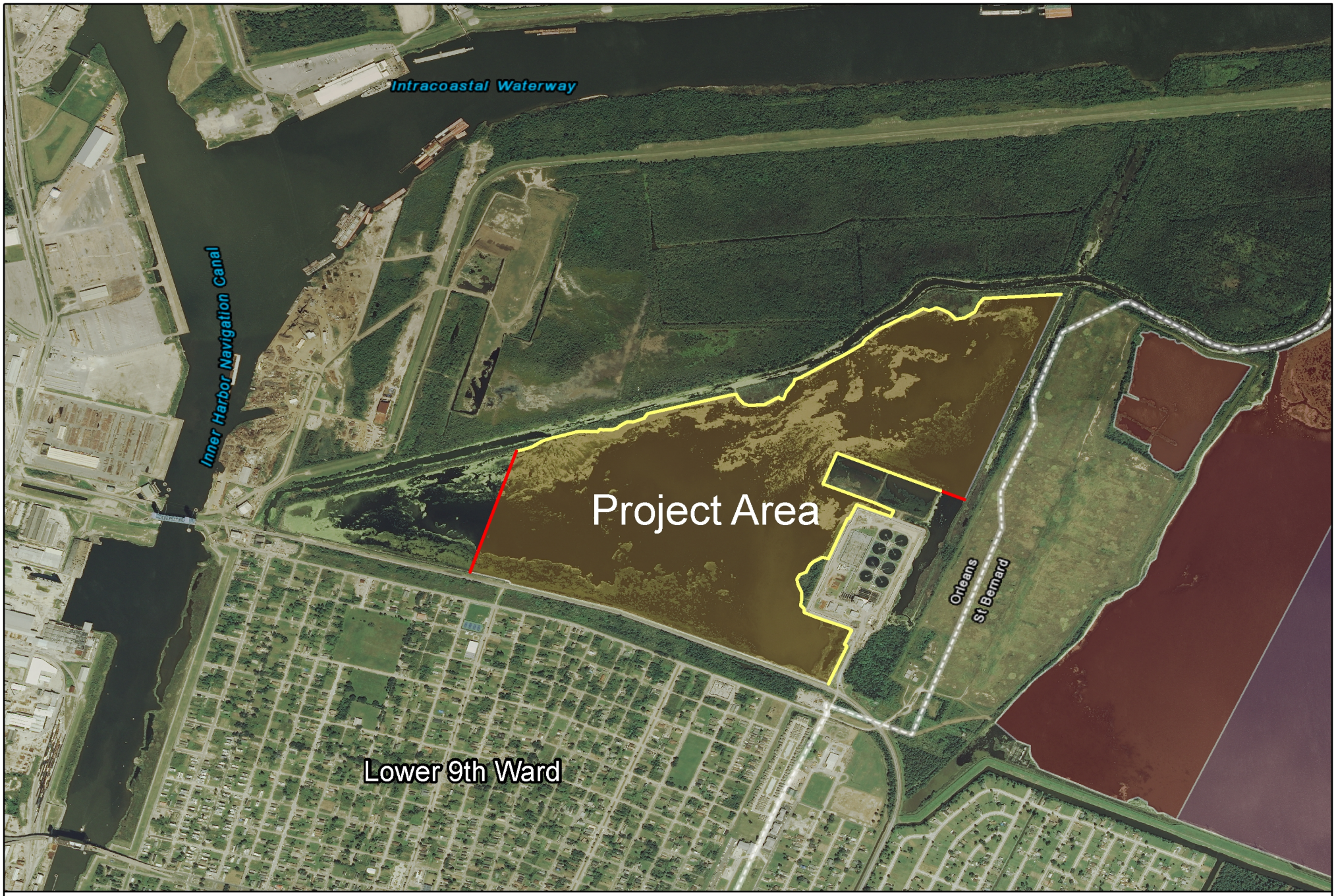

Bayou Bienvenue Triangle Marsh Creation

Basemap: 2013 NAIP DOQQ
Produced by: EPA Region 6, Dallas, TX

Containment Type
- Remnant
- Create

Miles
0 0.125 0.25 0.5 0.75

N

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PPL24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
Bayou Dupont Sediment Delivery – Marsh Creation 4

Project Location
Region 2, Barataria Basin, Plaquemines and Jefferson Parishes.

Problem
The wetlands in the Barataria Basin were historically nourished by the fresh water, sediment and nutrients delivered by the Mississippi River and the many distributary channels. Following the creation of levees along the lower river for flood control and navigation, these inputs ceased. In addition, numerous oil and gas canals in the area contributed significantly to wetland losses. Data suggests that from 1932 to 1990, the basin lost over 245,000 ac of marsh, and from 1978 to 1990, Barataria Basin experienced the highest rate of wetland loss along the entire coast.

Goals
The primary goal of this project is to create/nourish approximately 300 ac of emergent intermediate marsh (250 acres marsh creation, 50 acres nourishment) using sediment from the Mississippi River. This project would tie in to the previously constructed BA-39 project and the recently approved PPL22 Bayou Dupont #3 project. The project will also complement the BA-48 project and the State's Long Distance Sediment Pipeline Project.

Proposed Solution
The project will create approximately 250 acres and nourish approximately 50 acres of emergent intermediate marsh by hydraulically pumping sediment from the Mississippi River via pipeline. The preliminary target elevation for the marsh platform is +1.3' NAVD88 to be achieved early in the project life. It is anticipated that construction can be performed with limited confinement. However, if containment is required, dike degradation and/or gapping will be performed post-construction. Additionally, tidal creeks are included as a post-construction feature in the project concept. Planting of appropriate marsh vegetation for 50% of the created marsh acres (125 ac) is included to help promote vegetation of the constructed marsh platform.

Preliminary Project Benefits

1) *What is the total acreage benefited both directly and indirectly?*
   The total project area is 300 acres.

2) *How many acres of wetlands will be protected/created over the project life?*
   Approximately 242 net acres of wetlands will be protected/created over the 20-year project life. This estimate is based on the assumption that 250 acres will be created and 50 acres will be nourished.

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (e.g., 50% reduction in the background loss rate)?*
   The anticipated land loss rate reduction throughout the area of direct benefits will be 50% over the projects life.

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc?*
The project will reinforce and restore the Chenier Traverse Bayou Ridge.

5) *What is the net impact of the project on critical and non-critical infrastructure?*
The project may provide additional protection to the Plaquemines Parish levee system.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects?*
This project will be built adjacent to the original Bayou Dupont marsh creation project and near the Bayou Dupont #2, Bayou Dupont #3 and the LDSP projects. These projects work synergistically with one another by rebuilding a relatively large area of wetlands that have been lost.

Project Considerations
The proposed project has potential borrow source and pipeline crossing considerations. However, the project team does not feel the borrow source will be an issue as other nearby borrow sources will be evaluated during the engineering and design phase for the PPL22 Dupont #3 project.

Preliminary Project Costs
The estimated construction cost including 25% contingency is $20,400,016. The fully-funded cost range is $25M - $30M.

Preparer of Fact Sheet
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Bayou Dupont Marsh Creation 4

Miles

0 0.8 1.6 2.4

N

Legend

Fill Area

PPL24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
Barataria Bay Waterway East Marsh Creation

Project Location
Region 2, Barataria Basin, Jefferson Parish

Problem
The marshes located east of the Barataria Bay Waterway and north of the Bayou Barataria ridge have completely converted to open water. This loss of marsh was caused by subsidence, sediment deprivation, and construction of access canals, including Barataria Waterway.

Goals
The goal of the project is to create approximately 240 acres of marsh with dredged material from the Mississippi River.

Proposed Solution
The proposed project would create approximately 240 acres of marsh using sediment dredged from the Mississippi River. The dredged material would be fully contained. Containment dikes will be degraded as necessary to reestablish hydrologic connectivity with adjacent wetlands. In case the area does not re-vegetate on its own, the estimated cost includes funds to plant 50% of the created marsh.

Preliminary Project Benefits
1) What is the total acreage benefited both directly and indirectly? 240 acres directly benefitted; indirect benefit not yet determined.

2) How many acres of wetlands will be protected/created over the project life? 229 net acres.

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (e.g., 50% reduction in the background loss rate)?* Background loss rate currently estimated to be -0.49%/year. The anticipated land loss rate reduction throughout the area of direct benefits will be 50% over the project life.

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc?* The project will serve to complete a band of healthy marsh extending from the Bayou Barataria ridge northward to Bayou Dupont.

5) What is the net impact of the project on critical and non-critical infrastructure? This project would buffer the effect of tropical weather events for the communities of Lafitte and Barataria which lie to the north.

6) To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects? This project would be synergistic with the CWPPRA BA-41

project and the State-only small-dredge marsh creation project, completing a band of healthy marsh extending from the Bayou Barataria ridge northward to Bayou Dupont.

Project Considerations
Pipelines would have to be avoided for containment dikes and use of the proposed Mississippi River borrow area would have to be coordinated with other restoration efforts.

Preliminary Construction Costs
The estimated construction cost including 25% contingency is $38,634,372. The fully funded cost range is $50M - $55M.

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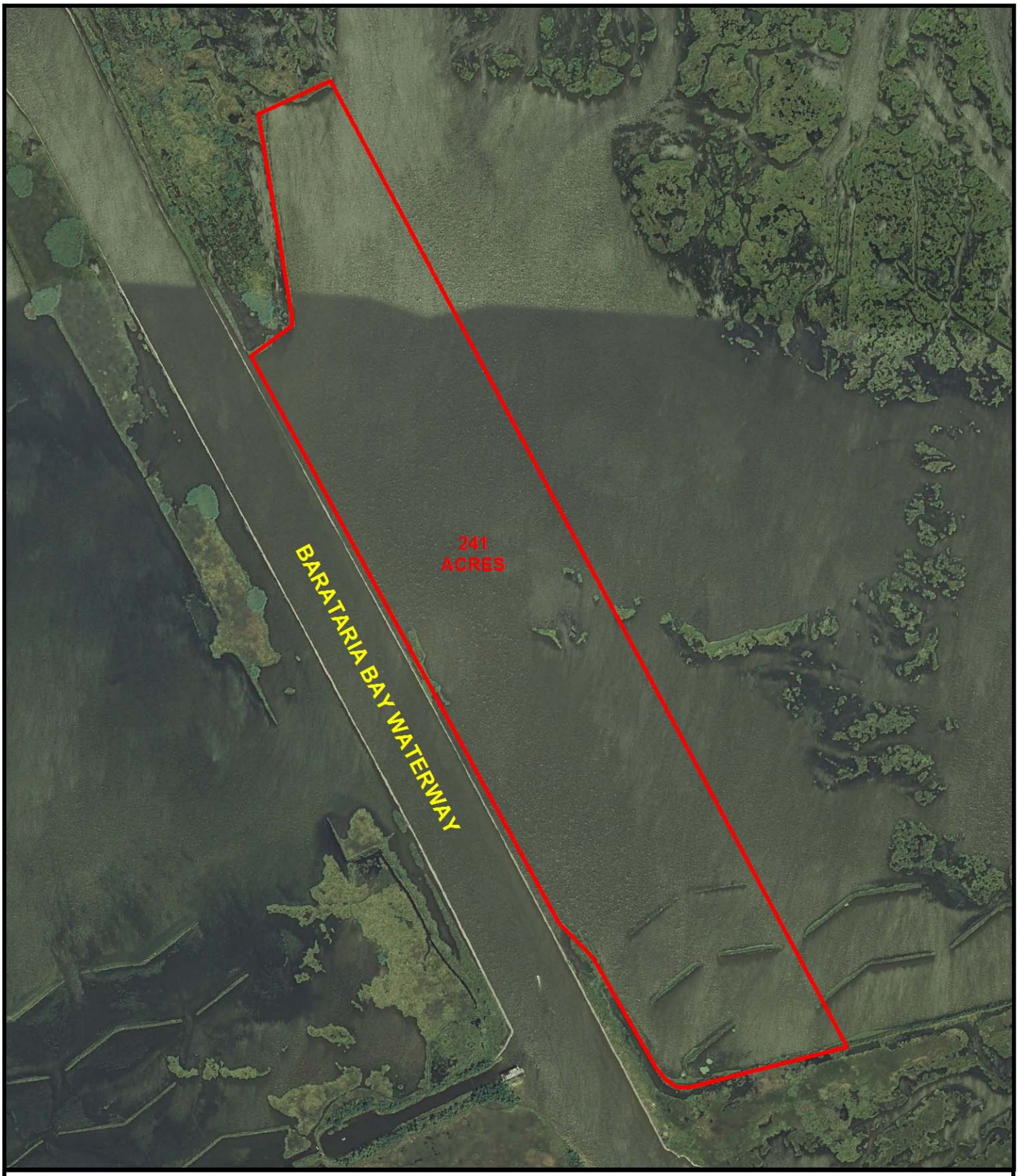
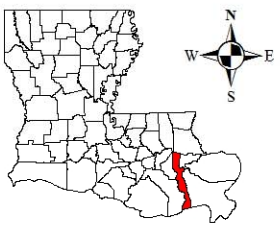


Map Produced By:
United States Department of Agriculture
Natural Resources Conservation Service
Alexandria, LA

Data Source: NAIP 2013

Map Date: JANUARY 13, 2013



PPL-24 BARATARIA BAY WATERWAY EAST MARSH CREATION

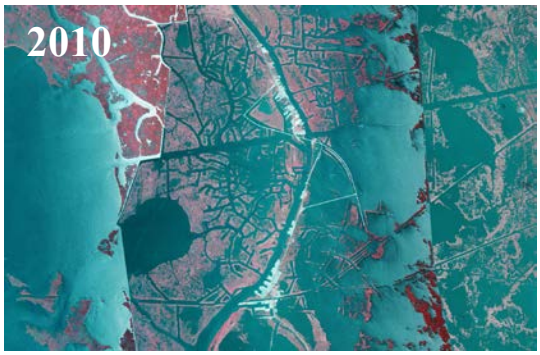
Legend
Marsh_Creation

0 1,000 2,000
Feet

PPL24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
East Leeville Marsh Creation and Nourishment Project

Project Location
Region 2, Barataria Basin, Lafourche Parish (primary)
Region 3, Terrebonne Basin, Lafourche Parish



Problem
There is widespread historic and continued rapid land loss within the project site and surrounding areas resulting from subsidence, wind erosion, storms, and altered hydrology. The wetland loss rate for the Lake Palourde subunit is -0.9%/year based on USGS data from 1985 to 2009. Furthermore, the limits of Southwestern Louisiana Canal are difficult to determine in some areas because land loss is causing the coalescence of the canal with adjacent water bodies. Natural tidal flow and drainage patterns that once existed are currently circumvented by the increasing area of open water. Data suggests that from 1932 to 1990, the basin lost over 245,000 ac of marsh, and from 1978 to 1990, Barataria Basin experienced the highest rate of wetland loss along the entire coast.

Proposed Solution
The proposed project's primary feature is to create and/or nourish existing marsh to re-establish the framework of wetlands in the vicinity. In order to achieve this, sediment will be hydraulically pumped from a borrow source in Little Lake. Containment dikes will be constructed around the marsh creation area to retain sediment during pumping. No later than three years post construction, the containment dikes will be degraded and/or gapped. Additionally, the newly constructed marsh will be planted following construction to stabilize the platform and reduce time for colonization.

Goals
The project goal is to create approximately 363 acres and nourish 132 acres of saline marsh east of Leeville. If the project is selected for further review, incorporating additional areas or alternative areas south of Bay Marlene may be considered.

Preliminary Project Benefits
1) *What is the total acreage benefited both directly and indirectly?*
This total project area is approximately 495 acres.

2) *How many acres of wetlands will be protected/created over the project life?*
Assuming a 50% reduction in the background loss rate of -0.9%/year, the marsh creation and nourishment would result in 344 net acres after 20 years (assuming 350 of marsh creation and 50 acres of marsh nourishment at construction).

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (<25%, 25-49%, 50-74%, and >75%)?*
A 50% loss rate reduction is assumed for the marsh creation, and marsh nourishment.

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc?*
The project will help restore the bank line of Lake Jesse and a portion of bank line along Southwestern Canal.

5) *What is the net impact of the project on critical and non-critical infrastructure?*
Minor oil and gas facilities and pipelines in the area would benefit from an increase in marsh acreage. Facilities along Bayou Lafourche in Leeville would benefit from marsh creation along Bayou Lafourche, Southwestern Louisiana Canal, and Lake Jesse.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects?*
This is an area of need due to the lack of previous restoration efforts and provides synergy with a marsh creation mitigation project.

Project Considerations
The proposed project has potential oyster and pipeline/utility issues and the need to coordinate with DOTD to design and construct near the elevated highway.

Preliminary Construction Costs
The estimated construction cost including 25% contingency is $27,575,118. The fully funded cost range is $35M - $40M.

Preparer(s) of Fact Sheet:
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Google Earth Pro

miles 1
km 1

East Leeville Marsh Creation and Nourishment

PPL24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
Grand Bayou Marsh Creation and Terracing

Project Location
Region 2, Barataria Basin, Plaquemines Parish, Grand Bayou near West Pointe a la Hache

Problem
From 1932 to 1990, the West Point a la Hache Mapping Unit lost 38% of its marsh. Through 2050, 28% of the 1990 marsh acreage is expected to be lost. Significant marsh loss has occurred south of Lake Hermitage and along Grand Bayou with the construction of numerous oil and gas canals. USGS calculated a loss rate of -1.16 %/yr (1984-2011) for this area during PPL23 project evaluations.

Goals
The primary goal is to re-create marsh habitat along Grand Bayou and to complement other restoration projects (e.g., Lake Hermitage Marsh Creation, West Pointe a la Hache Siphon Enhancement) in the area. Terraces are proposed to reduce fetch in open water areas and to capture suspended sediment delivered via the West Pointe a la Hache siphons.

Service goals include restoration/protection of habitat for threatened and endangered species and other at-risk species. This project would restore habitat potentially utilized by the black rail and Louisiana eyed silkmoth which are both petitioned for listing as threatened/endangered species. The project could also benefit other species of concern including the peregrine falcon, osprey, mottled duck, and seaside sparrow.

Proposed Solution
1. Riverine sediments will be hydraulically dredged and pumped via pipeline to create approximately 375 acres of marsh.
2. Approximately 77,000 linear feet (53 acres) will be constructed and planted.
3. Containment dikes will be gapped.

Preliminary Project Benefits
1) *What is the total acreage benefited both directly and indirectly*? Approximately 1,475 acres would be benefited directly and indirectly. Direct benefits include 375 acres of marsh creation and 53acres of terraces. Indirect benefits would occur to surrounding marshes and within the 1,100-acre terrace field.

2) *How many acres of wetlands will be protected/created over the project life*? The total net acres protected/created over the project life is approximately 387 acres.

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (<25%, 25-49%, 50-74% and >75%).* The anticipated loss rate reduction throughout the area of direct benefit is estimated to be 50%.

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc.* No.

5) *What is the net impact of the project on critical and non-critical infrastructure*? The project would afford some protection to flood protection levees east of the project area along Hwy. 23.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects*? The project would provide a synergistic effect with the Bayou Grande Cheniere Marsh and Ridge Restoration Project (PPL23), the Lake Hermitage Marsh Creation Project (PPL15) and the West Pointe a la Hache Siphon Enhancement Project (PPL3). All of these projects would work in conjunction to restore wetlands within the West Pointe a la Hache Mapping Unit.

Identification of Potential Issues
Oil and gas infrastructure will need to be avoided. Use of the Mississippi River borrow site will have to be coordinated with other restoration efforts.

Preliminary Construction Costs
The estimated construction cost including 25% contingency is $29,546,868. The fully-funded cost range is $35M - $40M.

Preparer of Fact Sheet
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U.S. Fish & Wildlife Service

Louisiana Ecological Services Field Office

Grand Bayou Marsh Creation and Terracing

PPL24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
East Catfish Lake Marsh Creation and Terracing

Project Location
Region 3, Terrebonne Basin, Lafourche Parish, east of Catfish Lake

Problem
Examination of historical aerial photography clearly indicates significant marsh loss around Catfish Lake. Subsidence, canal dredging, a lack of freshwater input, saltwater intrusion, and altered hydrology are all important factors contributing to this loss. Of particular note, is the area between Catfish Lake and Golden Meadow. Canal dredging, associated with oil and gas activities, has resulted in the rapid deterioration of this area. USGS calculated a 1985-2010 loss rate of -0.79% per year for the PPL22 North Catfish Lake Marsh Creation Project.

Goals
Goals are to restore a portion of the eastern Catfish Lake shoreline via marsh creation and restore marsh along the alignment of the Golden Meadow hurricane protection levee.

Service goals include restoration/protection of habitat for threatened and endangered species and other at-risk species. This project would restore habitat potentially utilized by the black rail and Louisiana eyed silkmoth which are both petitioned for listing as threatened/endangered species. The project could also benefit other species of concern including the peregrine falcon, osprey, diamondback terrapin, and seaside sparrow.

Proposed Solution
1. Sediments will be hydraulically dredged in Catfish Lake and pumped via pipeline to create/nourish approximately 610 acres of marsh. The maximum pump distance for a Catfish Lake borrow site is approximately 31,000 feet (5.9 miles).
2. Containment dikes will be constructed as necessary and gapped upon project completion.
3. Terraces (26,000 linear ft-18 ac) will be constructed in deteriorated marsh areas to reduce fetch, promote SAV production, and provide marsh edge habitat.

Preliminary Project Benefits
1) *What is the total acreage benefited both directly and indirectly*? Approximately 1,070 acres would be benefited directly and indirectly. Direct benefits include 610 acres of marsh creation and 18 acres of terraces. Indirect benefits would occur to surrounding marshes and within the 460-acre terrace field.

2) *How many acres of wetlands will be protected/created over the project life*? The total net acres protected/created over the project life is approximately 501 acres.

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (<25%, 25-49%, 50-74% and >75%).* The anticipated loss rate reduction throughout the area of direct benefit is estimated to be 50%.

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc.* The project would restore marsh along the eastern Catfish Lake shoreline.

5) *What is the net impact of the project on critical and non-critical infrastructure*? The project would afford protection to the Golden Meadow Hurricane Protection Levee.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects*? The project would complement other restoration projects in the area including the PPL22 North Catfish Lake Marsh Creation Project and CIAP/Parish marsh creation projects in the Catfish Lake area.

Project Considerations
Project considerations are oil and gas infrastructure that would have to be avoided and oyster leases in Catfish Lake.

Preliminary Construction Costs
The estimated construction cost including 25% contingency is $25,860,302. The fully-funded cost range is $30M - $35M.

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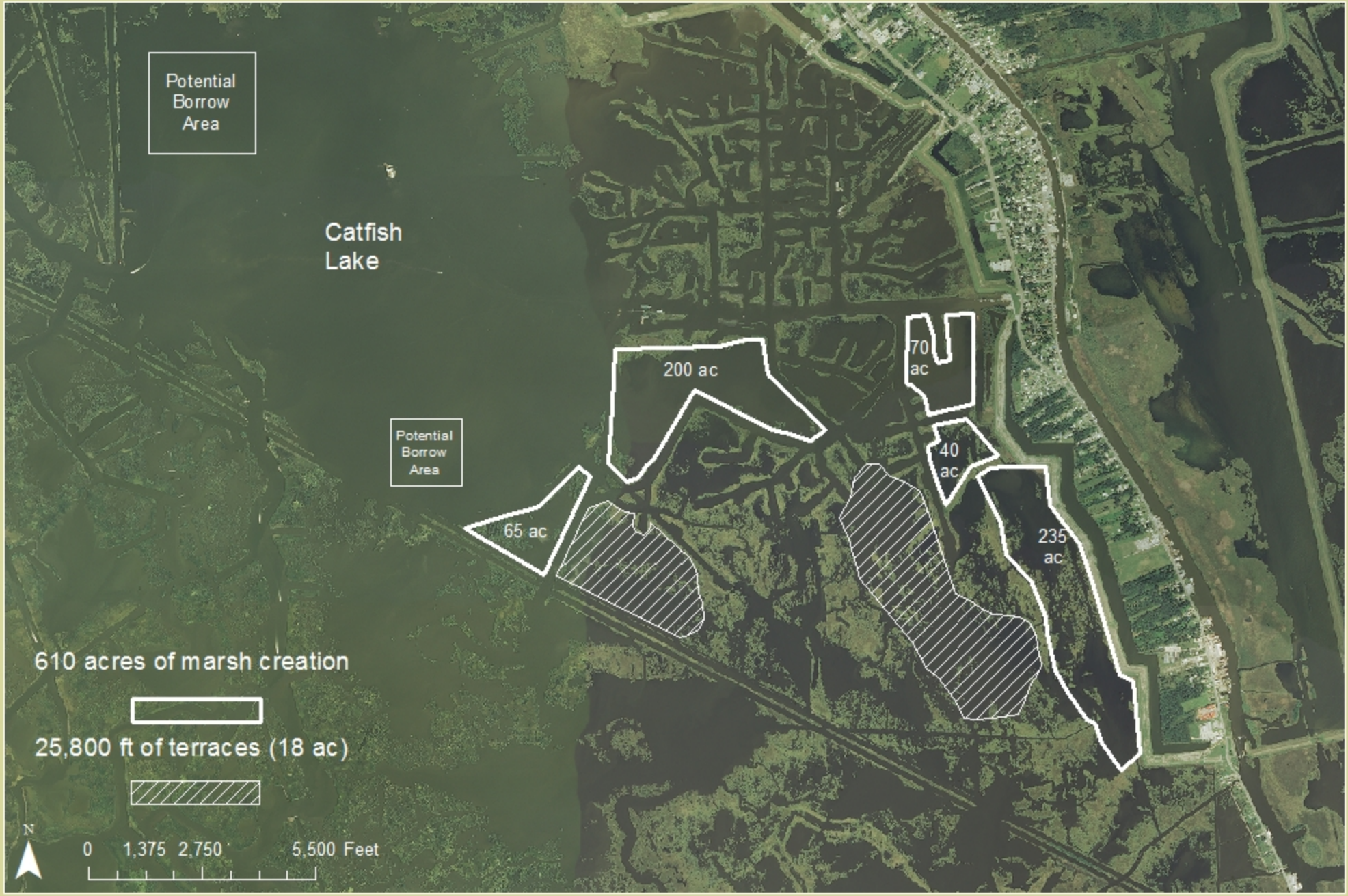
U.S. Fish & Wildlife Service

Louisiana Ecological Services Field Office

East Catfish Lake Marsh Creation and Terracing



PPL24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
West Fourchon Marsh Creation and Marsh Nourishment

Project Location
Region 2, Terrebonne Basin, Lafourche Parish

Problem
Historic wetland loss in the project area stems from interior marsh loss stems from subsidence, sediment deprivation, and construction of pipeline canals. Over the last twenty years the interior marsh in the project area has deteriorated dramatically.

Goals
The goals of this project are to create and nourish 614 acres of marsh, by pumping sediment from an offshore borrow site.

Proposed Solution
The goals of this project are to (1) create marsh habitat and increase the longevity of existing marsh habitat; (2) Provide some level of protection to surrounding wetlands, Bayou Lafourche, and the community and infrastructure of Port Fourchon; and (3) restore some localized hydrology by filling north-south pipeline canals. Sediment for marsh creation would be mined offshore or in Timbalier Bay, hydraulically dredged and pumped to the marsh creation and nourishment cell.

Preliminary Project Benefits

1) *What is the total acreage benefited both directly and indirectly?*
   This total project area is 614 ac.

2) *How many acres of wetlands will be protected/created over the project life?*
   Approximately 314 acres of marsh habitat will be protected/created over the project life.

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (e.g., 50% reduction in the background loss rate)?*
   The anticipated land loss rate reduction throughout the area of direct benefits will be 50% over the project life.

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc?*
   The project will help maintain the land bridge between Timbalier Bay and Bayou Lafourche.

5) *What is the net impact of the project on critical and non-critical infrastructure?*

The project helps protect infrastructure in the immediate area such as Port Fourchon and LA-1.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects?*
The project will have a synergistic effect with TE-23 and TE-52 in maintaining the Caminada headland west of Bayou Lafourche. It also works synergistically with many of the efforts south and east of Port Fourchon (Cam 1, BA-147) to protect the community and infrastructure.

Project Considerations
Considerations for this project include oyster leases and pipelines/utilities.

Preliminary Construction Costs
The estimated construction cost including 25% contingency is $24,999,200. The fully funded cost range is $30M-$35M.

Preparer(s) of Fact Sheet
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PPL24 - West Fourchon MC and MN

PPL24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
Lake Felicity Oyster Reef Shoreline Protection and Marsh Creation

Project Location
Region 3, Terrebonne Basin, Terrebonne Parish, Terrebonne Bay

Problem
Marshes along the northern shoreline of Terrebonne Bay have a high interior marsh loss rate, estimated to be 1.2%/yr. (USGS-1985-2009-TE-83). The shoreline erosion rate in some areas along the northern Terrebonne Bay shoreline has been shown to be 8 to 34 ft/yr (TE-45 Demo Project). Other estimates (FWS–Ronnie Paille) show erosion rates as high as 30 ft/yr. The reasons for these high erosion rates include subsidence, a lack of sediment input, a limited supply of freshwater, and a dramatically increase in the tidal prism north of Terrebonne Bay. The increase in the tidal prism directly contributes to the increasing flooding problems of many communities along Bayou Terrebonne including the town of Montegut. As emergent marshes in this area convert to open water, tidal surges will continue to increase thus increasing the flooding north of the bay.

Goals
The goals of the project are 1) reduce shoreline erosion along 30,000 linear feet of Terrebonne Bay shoreline, 2) protect 162 acres of existing highly productive marsh, and 3) create 137 acres of marsh and nourish 18 acres of marsh.

One of the Service's goals is to protect and restore habitats for trust resources. This project would protect and restore critical habitats which support many FWS trust resources including species that are currently viewed by the State, Joint Venture, and other entities as species of concern including large numbers of wintering waterfowl, like the Mottled Duck. Also marsh birds such as the Black Rail which has been petitioned for listing and King Rail. The area also is known for rare species like the Peregrine Falcon and Osprey.

Proposed Solution
Project area shoreline erosion rates are estimated to be 12 ft/yr. This project would protect approximately 30,000 linear feet of Terrebonne Bay shoreline through the construction of hard structures suitable for the establishment of oyster reefs. This would equate to protecting 162 acres of marsh and 20 acres of shallow open water. This would be accomplished by installing rock-filled gabion mats along the shoreline and foreshore structures across any open water areas to enhance oyster reef production. This would promote the creation of oyster reefs which would reduce the shoreline erosion rates by 95% with little to no maintenance.

This project would also create approximately 137 acres and nourish 18 acres of marsh by filling small shallow open-water areas with material dredged from the bottom of Terrebonne Bay with a small hydraulic dredge.

Preliminary Project Benefits

1) *What is the total acreage benefited both directly and indirectly?*
This total project area is 311 ac.

2) *How many acres of wetlands will be protected/created over the project life?*
Approximately 244 acres of intertidal marsh habitat will be protected/created over the project life.

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (e.g., 50% reduction in the background loss rate)?*
The anticipated land loss rate reduction associated with the shoreline protection feature would be; 1) 100% reduction in shoreline erosion rates associated with the Gabion Mats, 2) 80% reduction in shoreline erosion rates associated with a foreshore structure, and 3) a 50%-74% reduction in the interior loss rate associated with marsh creation over the 20 year project life.

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc?*
The project will help restore and maintain the Terrebonne Bay shoreline.

5) *What is the net impact of the project on critical and non-critical infrastructure?*
None

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects?*
The project will have a synergistic effect with Terrebonne Bay Oyster Demo (TE-45) and Terrebonne Bay Marsh Creation Project (TE-83).

Project Considerations

Considerations for this project include oyster leases and pipelines. This area has many oyster leases, but through the light loading of material and shallow draft equipment, the impacts to leases should be minimal.

Preliminary Construction Costs

The estimated construction cost including 25% contingency is $18,920,275. The fully funded cost range is $25M - $30M.

Preparer(s) of Fact Sheet:

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LAKE FELICITY OYSTER REEF SHORELINE PROTECTION AND MARSH CREATION

PPL24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
Bayou Dularge Ridge Restoration and Marsh Creation Project

Project Location
Region 3, Terrebonne Basin, Terrebonne Parish, Bayou Dularge at Grand Pass

Problem
The Bayou Dularge Ridge is a prominent feature in the south central Terrebonne Basin forming a diagonal ridge extending from northeast to southwest that historically restricted the Gulf marine influence into Central Terrebonne marshes. The Grand Pass, a 900 ft wide artificial cut through the Bayou Dularge Ridge south of Lake Mechant, is currently being addressed in the TE-66 CWPPRA project. However, the integrity of the ridge is also of concern due to erosion of the adjacent marshes. Loss of this important land bridge separating Lake Mechant from Sister Lake would undermine efforts to restore the fresh and intermediate marshes to the north and eliminate an important landscape feature of critical importance to basin hydrology. The State Master Plan has identified the ridge as a restoration priority.

Goals
The project will create/restore a ridge feature and marsh in the landbridge that separates Lake Mechant from Sister Lake to insure the integrity of the ridge and the important function of sustaining optimal salinity gradients and promote healthy marsh recovery in the region.

Proposed Solution
The project would create approximately 27,000 linear feet (30 acres) of ridge feature north of Bayou Dularge along with approximately 526 acres of marsh creation and nourishment.

Preliminary Project Benefits

1) *What is the total acreage benefited both directly and indirectly?* The total acreage benefited directly and indirectly would be approximately 556 total acres consisting of 304 acres of water and 252 acres of marsh.

2) *How many acres of wetlands will be protected/created over the project life?* The net acres of wetlands created/protected over the project life is estimated at 307 acres of marsh and ridge habitat.

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (<25%, 25-49%, 50-74% and >75%).* The anticipated land loss rate reduction throughout the area of direct benefits over the project life is 50%.

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc.?* The project will reestablish a portion of the historic Bayou Dularge ridge.

5) *What is the impact of the project on critical and non-critical infrastructure?* The project will reestablish a major ridge feature in the Terrebonne Basin.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects?* The project provides a synergistic effect with TE-66 by improving the integrity of the ridge and marsh adjacent to the proposed weir structure across Grand Pass.

Project Considerations
Project considerations include oyster leases in Lake Mechant and camps along Bayou Dularge.

Preliminary Costs
The construction cost plus 25% contingency is $25,717,886. The fully funded cost range is $30M – $35M.

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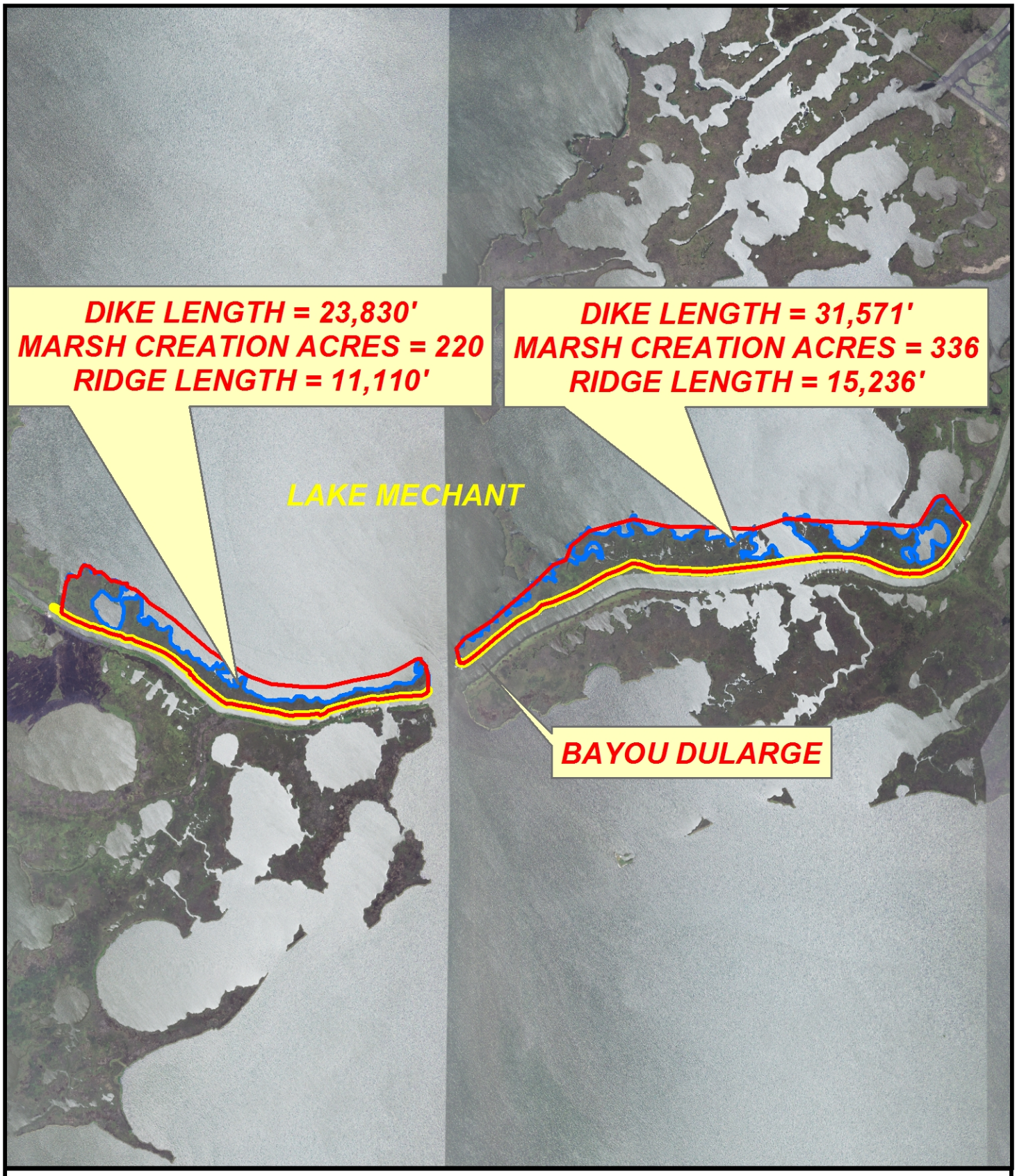
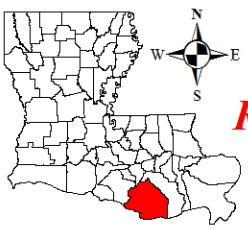


Map Produced By:
United States Department of Agriculture
Natural Resources Conservation Service
Alexandria, LA

Data Source: NAIP

Map Date: JANUARY 6, 2014



PPL-24 BAYOU DULARGE RIDGE RESTORATION AND MARSH CREATION

Legend
- CONTAINMENT_DIKE
- RIDGE_RESTORATION
- EXISTING_MARSH

1 inch = 3,598 feet

PPL24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
South & West Vermilion Bay Shoreline Protection Project - Critical Reaches

Project Location
Region 3, Teche-Vermilion Basin, Iberia and Vermilion Parishes

Problem
Wave action generated across Vermilion Bay is causing severe erosion on the bordering Marsh Island Refuge and State Wildlife Management Area (WMA) shorelines. In addition to direct loss from shoreline retreat, of particular concern is the loss of certain shoreline reaches that would also allow coalescence of the Bay and very large interior lakes. This capture of interconnected shallow lake-marsh ecosystems will significantly alter the hydrology of the interior wetlands, increasing tidal exchange impacts and interior degradation, and result in significant loss of fragile habitat important to the large fish and wildlife populations that they support. Erosion of highly organic soils along the interior lakes' shorelines will suddenly accelerate, progressively eroding surrounding deep-peat soils and enlarging connections or merges with adjacent ponds. The interior lake systems will deepen, and SAV communities will likely be completely lost as turbidity, tidal amplitude, velocities and wave energy increases.

Goals
The goal of this project is to protect critical shoreline areas and associated adjacent interior marshes and lakes along the southern and western Vermilion Bay shorelines by halting erosion in selected reaches.

Proposed Solution
The proposed project goals are the protection of bay and interior lake shoreline, and interior wetland habitat and hydrology. The project feature consists of an approximate total of 26,400 LF of rock breakwater structure at selected reaches of shoreline from Redfish Point to Bayou Fearman of the State WMA, and along the northern shoreline to the eastern tip of Marsh Island Refuge.

Preliminary Project Benefits

1) *What is the total acreage benefited both directly and indirectly?*
   Without project implementation, direct loss would occur to 158 acres that would be lost through bay shoreline erosion over the twenty-year project life, and interior lake shoreline erosion that would be accelerated once narrow landforms breach, and bay conditions begin to dominate three of the large interior lakes. Indirect losses would result from changes in hydrology, tidal fluctuation, and wave climate at those locations where the bay shoreline breaches. As the bay and interior lakes coalesce, the three largest interior lakes - North Lake, Lake Tom and Lake Sand - would deepen and valuable aquatic vegetation communities would be significantly reduced, potentially affecting over 1,350 acres indirectly.

2) *How many acres of wetlands will be protected/created over the project life?*
Approximately 158 acres of bay and lake shoreline rim will be protected over the project life. The estimated benefits include direct protection from bay shoreline erosion, and at three selected reaches, interior lake shoreline erosion where the bay is expected to breach into the lake systems.

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (e.g., 50% reduction in the background loss rate)?*
Throughout the area of direct benefits, the anticipated land loss rate reduction will be 100% on the bay shorelines, and in the interior lake shorelines where breaching would occur without the project, the reduction would be 50% over the project's life.

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc?*
The project will help maintain the Vermilion Bay rim, prevent capture of large, shallow interior lakes and protect against the intrusion of bay conditions into low-energy interior wetland areas. Maintaining the integrity of landforms on the south and west bay shorelines is also important to the stability of the Vermilion Bay system, i.e. tidal circulation and wave prism.

5) *What is the net impact of the project on critical and non-critical infrastructure?*
By stabilizing critical reaches of the Vermilion Bay shoreline, the project would prevent expansion of the bay and preserve valuable wetlands that protect critical infrastructure associated with commercial and recreational fishery, navigation, and petroleum production concerns at Intracoastal City. These wetlands are components of two significant refuges of the LA coastal area that also serve as storm buffers to wetlands and residential areas to the north of Vermilion Bay.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects?*
The project will have a synergistic effect with the existing TV-14 Marsh Island Hydrologic Restoration Project, TV-21 East Marsh Island Marsh Creation Project, and Ducks Unlimited and LDWF terrace projects.

Project Considerations
Project considerations include maintenance needs of the shoreline protection feature.

Preliminary Construction Costs
The estimated construction cost including 25% contingency is $21,254,154. The fully funded cost range is $30M-$35M.

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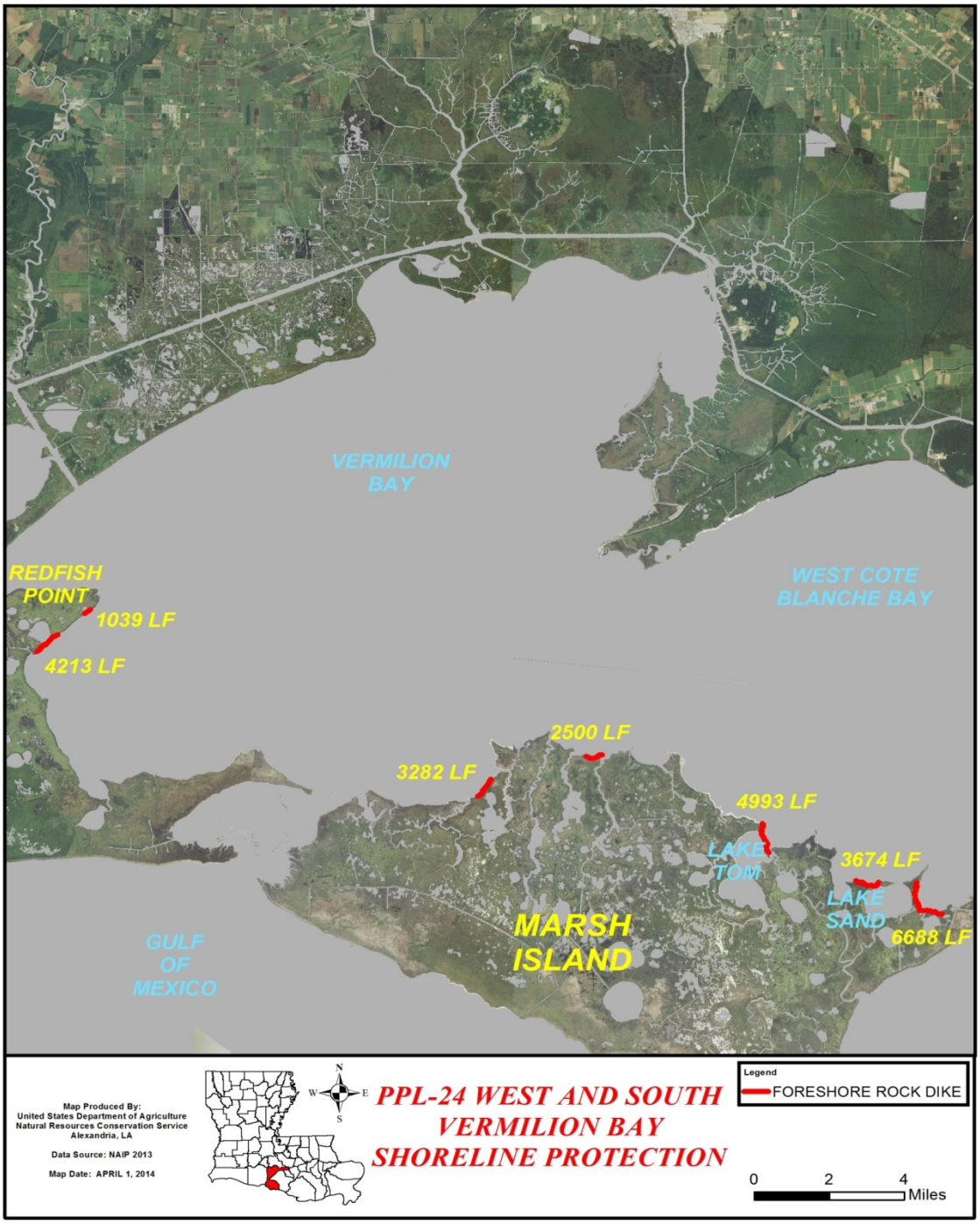
VERMILION BAY
REDFISH POINT
1039 LF
4213 LF
WEST COTE BLANCHE BAY
2500 LF
3282 LF
4993 LF
LAKE TOM
3674 LF
LAKE SAND
6688 LF
MARSH ISLAND
GULF OF MEXICO
N
W
E
S
Map Produced By:
United States Department of Agriculture
Natural Resources Conservation Service
Alexandria, LA
Data Source: NAIP 2013
Map Date: APRIL 1, 2014
PPL-24 WEST AND SOUTH VERMILION BAY SHORELINE PROTECTION
Legend
FORESHORE ROCK DIKE
0
2
4
Miles

PPL24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
South Humble Marsh Creation and Nourishment

Project Location
Region 3, Teche - Vermilion Basin, Vermilion Parish

Problem
Project area wetlands are undergoing losses at rates of -0.3 %/year based on USGS analyses conducted through 2009. Marshes in this area are subject to losses from shoreline erosion, subsidence/sediment deficit, and interior ponding. Shoreline erosion along the Freshwater Bayou Canal has resulted in direct wetland loss as the canal has widened from an authorized width of less than 200 feet to 800 feet. In addition to these direct losses, significant interior marsh loss has resulted from saltwater intrusion and hydrologic changes associated increasing tidal influence, and herbivory. As hydrology within this area has been modified, habitats have shifted to more of a floatant marsh type, resulting in increased susceptibility to tidal energy and storm damages. Habitat shifts and hydrologic stress reduce marsh productivity, a critical component of vertical accretion in intermediate wetlands. The ensuing erosion creates water turbidity within the interior ponds, this coupled with increased pond depth, decreases the coverage of submerged aquatic vegetation. Additionally, recent hurricanes have resulted in large and wide spread losses. It is unlikely that many of these areas will recover unaided. As evidenced from aerial photography the project area is part of a larger feature of weakened interior marsh from the project area south and west to include those marshes south of Pecan Island. If left to deteriorate, the project area would eventually open Vermilion Bay into Freshwater Bayou. This would then threaten the integrity of Freshwater Bayou, exposing a larger interior marsh area to conversion to open water. In the specific project area, erosion of the eastern bank line of Freshwater Bayou has resulted in formation of three breaches, allowing boat wakes and hydrologic action to adversely affect the interior marsh east of the canal. The wakes from passing vessels and tidal action are causing the export of organic material from the project area.

Goals
The project goal is to create and/or nourish approximately 500 ac of marsh (366 ac created, 134 ac nourished) of emergent brackish marsh using sediment from the Gulf.

Proposed Solution
The proposed project's primary feature is to create and/or nourish approximately 500 acres of marsh (366 acres created, 134 acres nourished). Sediment will be hydraulically pumped from the Gulf of Mexico into the shallow water marsh creation area. Minimal containment dikes will be constructed around the marsh creation area to keep material on site during pumping. Once pumping has been completed, the containment dikes will be degraded to the current platform elevation and gaps will be excavated. The construction of tidal creeks and ponds for this project, should it move forward, will be considered and evaluated at Phase 0.

Preliminary Project Benefits
1) What is the total acreage benefited both directly and indirectly?

This total project area is 500 ac.

2) *How many acres of wetlands will be protected/created over the project life?* Based on a 50% rate reduction to the projected -0.30%/yr land loss rate (LCA Freshwater Bayou/Cheniere Au Tigre Bayou Subunit), marsh creation and nourishment in the project area would yield 359 net acres, 20 years after initial construction.

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (<25%, 25-49%, 50-74% and >75%)?* The anticipated land loss rate reduction over the project area is 50%.

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc?*
Yes, helps to prevent coalescence of Freshwater Bayou into the Belle Isle Ridge.

5) *What is the net impact of the project on critical and non-critical infrastructure?* No major impacts to critical infrastructure. Oil and gas facilities in area would be benefited by the project acreage created.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects?*
This project would have a synergistic effect with CWPPRA project TV-11, Freshwater Bayou Bank Protection Project (This project conserves vegetated wetlands by maintaining the physical integrity of marshes that separate Freshwater Bayou and interior water bodies. The dominant project feature consists of the construction of 24,000 linear feet of rock dike, extending north to the confluence of Belle Isle Bayou and Freshwater Bayou.).

Project Considerations
Pipelines/utilities will have to be avoided.

Preliminary Construction Costs
The estimated construction cost including 25% contingency is $29,339,550. The fully funded cost range is $35-$40M.

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PPL24 South Humble Marsh Creation and Nourishment

Google Earth Pro

feet 5000
km 1

PPL24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
No Name Bayou Marsh Creation and Nourishment

Project Location
Region 4, Calcasieu-Sabine Basin, Cameron Parish

Problem
The Calcasieu Ship Channel, immediately west of the project area, provides an avenue for the rapid movement of high-salinity water into the marshes around Calcasieu Lake. This movement increased salinity in the area, resulting in plant death and marsh loss. The weakened marshes located between the East Fork of the Calcasieu River and Calcasieu Lake has been decimated by hurricanes. Marshes that once provided a buffer to the southwest rim of Calcasieu Lake are now shallow open water areas.

Goals
The project goal is to create and/or nourish approximately 515 ac of marsh (440 ac created, 75 ac nourished) of emergent saline marsh using sediment from upland disposal sites of the Calcasieu River. If available, material from the Calcasieu Ship Channel maintenance cycles would also be considered.

Proposed Solution
The proposed project's primary feature is to create and/or nourish approximately 515 acres of marsh (440 acres created, 75 acres nourished) south of Calcasieu Lake. In order to achieve this, sediment will be hydraulically pumped from the upland disposal areas of the Calcasieu River immediately adjacent to (across East Fork), and into the shallow water marsh creation area. Clean out approximately 5,600 LF of the Cameron Creole Watershed Levee borrow channel to facilitate water movement into the newly created area. Minimal containment dikes will be constructed around the marsh creation area to keep material on site during pumping. Once pumping has been completed, the containment dikes will be degraded to the current platform elevation and gaps will be excavated. Additionally, 220 acres of vegetative plantings will occur within the newly created areas. The construction of tidal creeks and ponds will be considered and evaluated for this project, should it move forward, during Phase 0.

Preliminary Project Benefits

1) *What is the total acreage benefited both directly and indirectly?*
This total project area is 515 ac.

2) *How many acres of wetlands will be protected/created over the project life?* Based on a 50% rate reduction to the projected -1.36%/yr land loss rate (LCA Lambert Lake Subunit), marsh creation and nourishment in the project area would yield 392 net acres, 20 years after initial construction.

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (<25%, 25-49%, 50-74% and >75%)?* The anticipated land loss rate reduction over the project area is 50%.

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc?*
Yes, helps to prevent coalescence of Lake Calcasieu with the open water area around No Name Bayou.

5) *What is the net impact of the project on critical and non-critical infrastructure?* No major impacts to critical infrastructure. Oil and gas facilities in area would be benefited by the project acreage created.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects?*
This project would have a synergistic effect with CWPPRA project CS-20, East Mud Lake Marsh Management, which was completed in 1997. The objective of that project is to create a hydrologic regime conducive to restoration, protection, and enhancement of the Mud Lake area by using various types of water control structures and vegetation plantings. Structural components include culverts with flap gates, two variable crest weirs, three earthen plugs, and repair of an existing levee.

Project Considerations
Pipelines/utilities will need to be avoided.

Preliminary Construction Costs
The estimated construction cost including 25% contingency is $19,625,623. The fully funded cost range is $25M-$30M.

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PPL 24: No Name Bayou Marsh Creation (Cameron Parish)

PPL24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
East Holly Beach Gulf Shoreline Protection

Project Location
Region 4, Calcasieu-Sabine Basin, Cameron Parish, South of State Highway 82, west of the Calcasieu Ship Channel.

Problem
The project will be designed to reduce erosion of the Gulf Shoreline and protect the State's Beach Nourishment project (CS-33 SF). Recent loss rates (1998-2008) were calculated from aerial photography at 26.5 ft/yr. In some of the areas proposed for protection, less than 25 feet of shoreline remains between Louisiana State Highway 82 and the Gulf of Mexico.

Goals
The project is designed to reduce wave energies on the gulf shoreline west of the Calcasieu Ship Channel and trap sediment between the breakwaters and shoreline. The total area benefited is approximately 267 acres of beach, dune, and supratidal habitat created by (CS-33 SF) the state surplus project. The proposed project maintains a beach rim component of the coastal ecosystem and has a positive net impact on critical infrastructure (Highway 82). The project would also protect and restore critical habitat for the piping plover, a threatened/endangered species.

Proposed Project Features
The project proposes approximately 15,000 linear feet (2.8 miles) of breakwaters similar to the Holly Beach Breakwater Project (CS- 01) to protect the most critical shoreline area along Highway 82. Breakwaters will be designed on the CS-01 template, using all the lessons learned from the Holly Beach Breakwater Enhancement and Sand Management Project (CS-31). Approximately 40 round rubble breakwaters (ranging from 220 – 250 ft with 150 ft gaps), placed 300 feet offshore and built to 3.8 ft NGVD will be created. This project will protect approximately 267 acres of beach created by the CS-33SF project using approximately 2 million cubic yards of sand from an offshore borrow site. The CS-33SF report (Table 16) concludes that the majority of those 267 created acres would be lost 20 years after construction.

Preliminary Project Benefits
1) What is the total acreage benefited both directly and indirectly? The total area benefitted is estimated at 267 acres.

2) *How many acres of wetlands will be protected/created over the project life*? The project would protect approximately **175 net acres** (75% of the 233 acres projected to be lost without project)**.**

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (<25%, 25-49%, 50-74% and >75%).* The anticipated loss rate reduction throughout the area of direct benefit is estimated to be *75%.*

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc.* The proposed project would maintain a beach rim component of the coastal ecosystem. This area has also been designated as critical habitat for the threatened piping plover by the Fish and Wildlife Service.

5) *What is the net impact of the project on critical and non-critical infrastructure*? The proposed project would provide protection to Louisiana Highway 82 and the Gulf shoreline.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects*? The proposed project is synergistic with the Holly Beach Breakwater Project (CS- 01), Holly Beach Breakwater Enhancement and Sand Management Project (CS-31), and a proposed state surplus project (CS-33 SF) that will create/nourish this area using sand from offshore borrow sites.

Project Considerations

Considerations for this project include maintenance requirements and the project is located within piping plover critical habitat.

Preliminary Construction Costs

The estimated construction cost including 25% contingency is $15,440,774. The fully-funded cost range is $30M - $35M.

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Map Produced By:
United States Department of Agriculture
Natural Resources Conservation Service
Alexandria, LA

Data Source: NAIP 2013

Map Date: JANUARY 16, 2014

PPL-24
EAST HOLLY BEACH
SHORELINE PROTECTION

Legend
- ROCK_BREAKWATER
- ROADS

0 5,000 10,000 Feet

PPL24 PROJECT NOMINEE FACT SHEET
April 2, 2014

Project Name
Southeast Pecan Island Marsh Creation and Freshwater Enhancement

Project Location
Region 4, Mermentau Basin, Vermilion Parish, east of Pecan Island and south of Highway 82.

Problem
Virtually all of the project area marshes have experienced increased tidal exchange, saltwater intrusion, and reduced freshwater retention associated with the Freshwater Bayou Canal and Humble Canal. Highway 82 traverses cheniers wherever possible, however, low spots between cheniers historically allowed drainage from the Lakes Subbasin south into the Chenier Subbasin. Currently, Highway 82 forms a hydrologic barrier that isolates those sub basins from freshwater runoff.

Goals
The project goals are to restore/improve hydrologic conditions and promote the expansion of emergent marsh vegetation throughout the project area. The proposed freshwater introduction feature would restore/improve hydrologic conditions by allowing water from the Lakes Subbasin to drain south across Highway 82 into the Chenier Subbasin. The marsh creation feature would create new wetland habitat, restore degraded marsh, and reduce wave erosion.

Proposed Project Features
The project proposes approximately 310 acres of marsh creation and 125 acres of marsh nourishment. The project also includes 55,348 linear feet of terraces.

The majority of the necessary freshwater introduction infrastructure exists and would require minimal improvement/cleanout and the construction of an outlet structure at Front Ridge.

Preliminary Project Benefits
1) What is the total acreage benefited both directly and indirectly? The total area benefitted is approximately 3,281 acres.

2) *How many acres of wetlands will be protected/created over the project life*? The project would protect/create approximately **365 net acres** (294 MC + 43 Terracing + 28 FWI).

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (<25%, 25-49%, 50-74% and >75%).* The anticipated loss rate reduction throughout the area of direct benefit is estimated to be *50-74%.*

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc.* The project would protect the Front Ridge Chenier.

5) *What is the net impact of the project on critical and non-critical infrastructure*? The project would help protect Louisiana Highway 82.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects*? The project would provide protection for the constructed Pecan Island Terracing project (ME-14).

Project Considerations
Considerations for this project include pipelines/utilities, operation/maintenance, and extensive soil testing may be required by the landowner.

Preliminary Construction Costs
The estimated construction cost including 25% contingency is $26,878,348. The fully-funded cost range is $35M - $40M.

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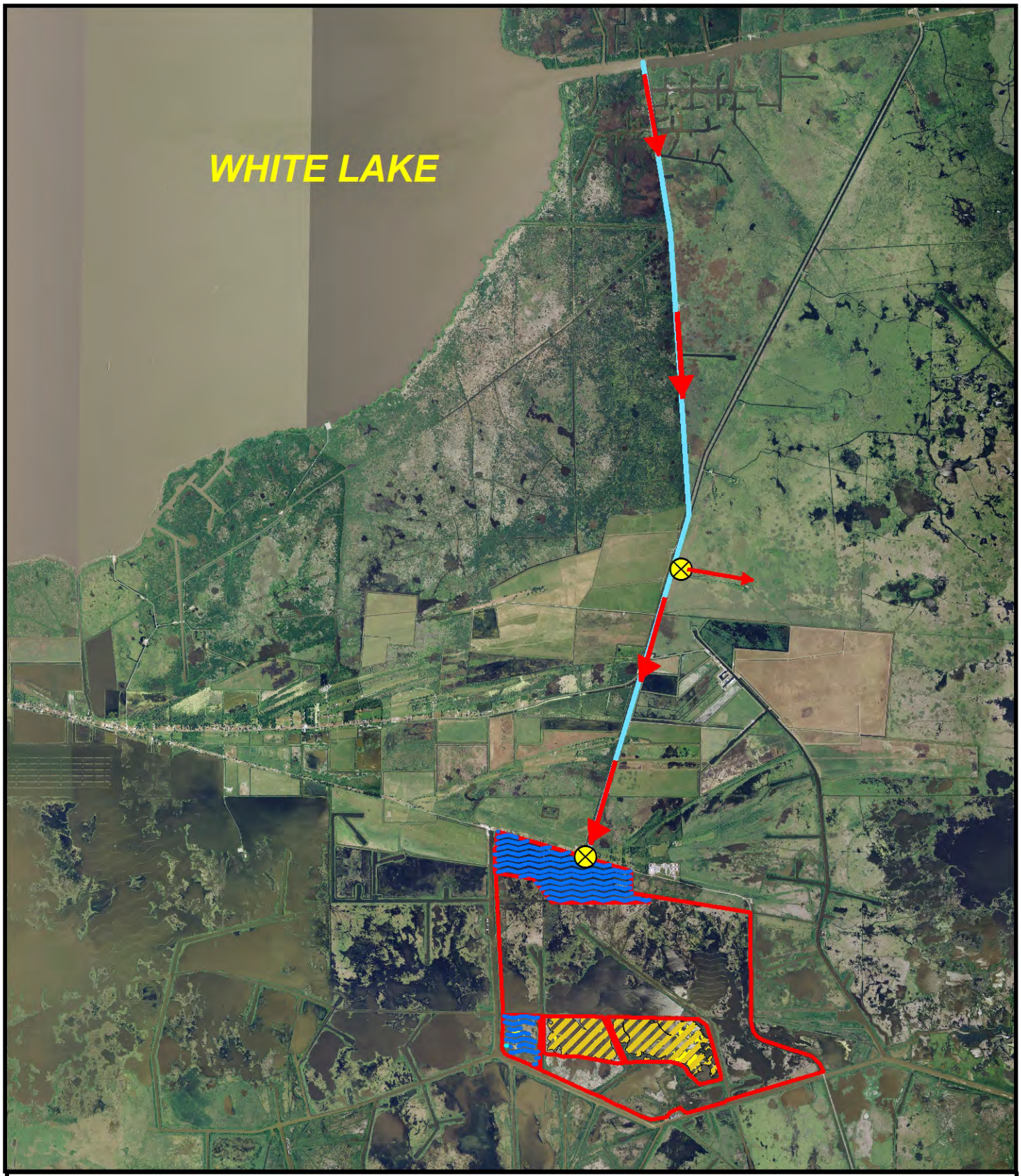
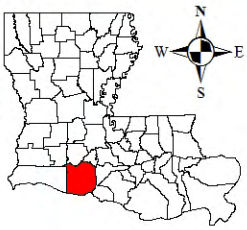


Map Produced By:
United States Department of Agriculture
Natural Resources Conservation Service
Alexandria, LA

Data Source: NAIP 2013

Map Date: January 16, 2014



PPL-24
SOUTHEAST PECAN ISLAND MARSH CREATION AND FRESHWATER ENHANCEMENT

0 5,000 10,000 Feet

Legend
- WATER_CONTROL_STRUCTURE
- WEST_TERRACES_CLIP
- FRONT_RIDGE_TERRACES_CLIP
- FRONT_RIDGE_BOUNDARY
- PROJECT_BOUNDARY
- CELLS_MARSH_CREATION_Clip
- ISLAND_Clip
- FRESHWATER_INTRODUCTION_ROUTE
- DIKE_LENGTH_3-25-13

PPL24 PROJECT NOMINEE FACT SHEET
Revised April 10, 2014

Project Name
Umbrella Bay Shoreline Protection Project

Project Location
Region 4, Mermentau Basin, Cameron Parish, Eastern Grand Lake, Umbrella Bay

Problem
The project area experienced a shoreline erosion rate estimated at an average of 15 feet per year from 1952 to 2008 (4 feet to 30 feet/year, based on 1952 to 2008 GIS analysis). An analysis of more recent shoreline loss, using 1993 and 2013 images, yielded an average annual erosion rate of 6 feet per year. At 6 feet/year, approximately 97 acres of marsh will be lost over the next 20 years within the project area. Shoreline breaches have caused small interior lakes to become part of Grand Lake; continued shore loss will increase connectivity with Grand Lake and introduce greater energy to the interior marsh.

Goals
1) Reduce shoreline erosion along the eastern Grand Lake at Umbrella Bay
2) Prevent shoreline breaches into interior ponds.

The project would protect prime waterfowl habitat between Grand and White Lakes recognized by the State. The State White Lake Preserve and experimental Whooping Crane colony is 3-5 miles eastward in the northwestern portion of White Lake. If Umbrella Bay erosion continues to Mallard Bay, Umbrella Point would become an island threatening prime waterfowl and rare species habitat.

The project will also benefit the black rail and Louisiana eyed silkmoth, both of which are petitioned for listing as threatened/endangered species. The project would also benefit State species of concern including the peregrine falcon, sandhill crane, and glossy ibis. Resident waterfowl (mottled duck), migratory waterfowl, king rail, wood stork, little blue heron, lesser snow goose, greater white-fronted goose, and Canada goose would also benefit.

Proposed Solution
The project consists of constructing 35,100 linear feet (6.6 miles) of foreshore rock dike having a 4-foot-wide crown, 3H:1V side slopes, and constructed to an initial elevation of +2.5' NAVD88. The dike would be constructed 150 feet from the existing shoreline in water averaging -1.2 ft NAVD88. Material dredged from an adjacent access channel would be deposited behind the rock dike to an initial elevation of +2.5' NAVD88, to create 52 acres of marsh. The rock dike would include 50-ft-wide gaps every 1000 linear feet. The earthen spoil would be vegetated with 4 rows of Roseau cane, panicum sprigs or other vegetation, planted on 5-foot centers to jump start the natural revegetation process (28,080 plugs).

Preliminary Project Benefits
1) *What is the total acreage benefited both directly and indirectly?*
   Marsh creation and protection totals 149 acres (52 acres created; 97 acres protected).

2) *How many acres of wetlands will be protected/created over the project life?*
The net benefit after 20 yrs would be 52 ac of created marsh and 97 ac of protected marsh (a total of 149 ac of marsh created/protected).

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (e.g., 50% reduction in the background loss rate)?*
The interior marsh loss rate is essentially zero. Shoreline erosion loss is the predominant form of marsh loss and it will be completely halted. Therefore, the proposed project would reduce loss by approximately 100%.

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc?*
The shoreline berm would restore the natural Grand Lake rim, which is a structural component of the coastal ecosystem and provides a line of defense against further erosion of the eastern Grand Lake shoreline.

5) *What is the net impact of the project on critical and non-critical infrastructure?*
The project would have a net positive impact to critical infrastructure which consists of oil and gas facilities east of Grand Lake due to stopping shoreline erosion in that part of the lake.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects?*
The project will have synergistic effects with the constructed Grand-White Lake Landbridge and the South Grand Lake shoreline protection CWPPRA projects to the south.

Project Considerations
Pipelines/utilities will have to be avoided and maintenance will be required on the shoreline protection feature.

Preliminary Construction Costs
The estimated construction cost including 25% contingency is $16,110,325M. The fully funded cost range is $20M-$25M.

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U.S. Fish & Wildlife Service

Louisiana Ecological Services Field Office

Umbrella Bay Shoreline Protection - 2013 Imagery

PPL24 PROJECT NOMINEE FACT SHEET
April 4, 2014

Project Name
Coastwide - Oyster Reef Shoreline Protection

Project Location
"Coastwide", with locations to be selected through a competitive process. Dependent on locations proposed and proposal selection criteria based on factors known to be related to critical landscape, erosion rates, and potential oyster growth.

Problem
Protecting shorelines from wind induced waves has been and will continue to be a challenge along the Louisiana coastline. Several of these challenges include: 1) high initial cost of traditional shoreline protection, 2) maintenance costs associated that structure, 3) weight of some shoreline protection structures in poor substrate, and 3)negative aesthetic value of using materials not native to Louisiana. Poor substrate along the coast is usually the cause the high maintenance costs and restricts the ability to build certain types of shoreline protection structures.

Goals
Project goals are to protect coastal shorelines and interior marshes through the construction of hard intertidal structures placed foreshore or gabion mattresses placed adjacent to the shore in areas suitable for oyster production.

Proposed Solution
This project would protect coastal shorelines and interior marshes through the construction of habitats suitable for the establishment of oyster reefs. This would be done by installing rock-filled gabion mats along the shoreline and foreshore structures across any open water areas to enhance oyster reef production. This would promote the creation of oyster reefs which would reduce shoreline erosion rates with little to no maintenance. The installation of Gabion Mats would reduce shoreline erosion rates by 100% and foreshore reef structures by 80% protecting interior highly productive naturally occurring marshes. It is estimated that shorelines with average shoreline erosion rates of 12 ft./yr. or greater would be selected for this project. Project areas would also contain a minimum of 80% emergent marsh.

The project would protect an estimated twelve miles of shoreline (63,360 LF) in four increments of three miles each (15,840 LF). The first of the four increments would be completed within 3 years and the next three increments would be completed every two years thereafter. This would allow the group to apply what they have learned from the first increment to the other three increments.

This project has the potential to protect or restore critical habitats which support many species that are currently viewed by the State, Joint Venture, and other entities as species of concern including large numbers of wintering waterfowl, like the mottled duck. Also marsh birds such as the black rail which has been petitioned for listing and king rail. Habitats associated with other non-avian species such as the diamondback terrapin could also be protected with this project.

Preliminary Project Benefits

1) *What is the total acreage benefited both directly and indirectly?*
   Each of the four projects would benefit 87 acres for a total acreage of 349 ac.

2) *How many acres of wetlands will be protected/created over the project life?*
   Each of the four projects would protect 54 acres of wetlands over the project life for a total of 218 acres.

3) *What is the anticipated loss rate reduction throughout the area of direct benefits over the project life (<25%, 25-49%, 50-74%, and >75%)?*
   The anticipated loss rate reduction throughout the area of direct benefits is >75%. (100% reduction for the Gabion Mats and 80% reduction for the foreshore structure)

4) *Do any project features maintain or restore structural components of the coastal ecosystem such as barrier islands, natural or artificial levee ridges, beach and lake rims, cheniers, etc.?*
   It is anticipated that the project would help maintain or restore some lake rims and/or natural or artificial levee ridges within the coastal ecosystem.

5) *What is the net impact of the project on critical and non-critical infrastructure?*
   The net impact of the project on critical and non-critical infrastructure is uncertain at this time, since the locations of shoreline protection have not yet been determined.

6) *To what extent does the project provide a synergistic effect with other approved and/or constructed restoration projects?*
   The extent to which the project provides a synergistic effect with other approved and/or constructed restoration projects is uncertain at this time, since the locations to be protected have not yet been determined.

Project Considerations

Potential issues include landrights and oyster leases, but any significant issues would be eliminated as part of the actual project selection process.

Preliminary Construction Costs

The estimated construction cost including 25% contingency is $22,591,244. The fully funded cost range is $30M-$35M.

Preparer(s) of Fact Sheet

Robert Dubois, FWS (337) 291-3127; robert_dubois@fws.gov

COASTWIDE OYSTER REEF SHORELINE PROTECTION

CWPPRA PPL 24 Demonstration Project Nominees

Coastwide	DEMO	Sediment Capture Tide Pump
Coastwide	DEMO	Stabilized Shorelines for Shoreline Protection
Coastwide	DEMO	Innovative Bedload Sediment Collector
Coastwide	DEMO	Ecosystems by Walter Marine

CWPPRA PPL 24 Nominee Demonstration Projects

Demonstration Project Name	Meets Demonstration Project Criteria?	Technique Demonstrated
Sediment Capture Tide Pump	Yes	This project utilizes a tide-driven pump to move water and associated sediment from a water source to an area in need of fresh water, sediments, and nutrients. It operates on tidal energy and thus requires no outside power source. In concept, it is similar to a siphon.
Stabilized Shorelines for Shoreline Protection	Yes	This project seeks to stabilize and protect eroding interior marsh shorelines along bays and lakes. The technique involves two methods; 1) placing stabilized soil material along the shoreline using a barge and long-reach excavator and 2) placing stabilized soil material into a trench which would be excavated along an eroding marsh shoreline.
Innovative Bedload Sediment Collector	Yes	This project utilizes a passive sediment collector system placed on the bottom of a river to capture bedload sediments. The sediments are pumped from the collector to a nearby dewatering site or, with additional pumps, to a marsh creation site.
Ecosystems by Walter Marine	Yes	This project utilizes concrete discs, embedded with limestone, which are then stacked on pilings and placed along a shoreline to reduce wave energy.

04/04/14

LOUISIANA STATE UNIVERSITY

AND AGRICULTURAL AND MECHANICAL COLLEGE

Department of Oceanography and Coastal Sciences JOHN W. DAY, JR.
School of the Coast and Environment
Baton Rouge., LA 70803 phone 225-578-6508 fax 225-578-6326
email johnday@lsu.edu

Feb. 14, 2014

Colonel Richard Hansen
District Engineer, New Orleans
c/o: Brad Inman
U.S. Army Corps of Engineers
P.O. Box 60267
New Orleans, LA

Dear Col. Hansen, Mr. Inman, and CWPPRA Taskforce:

I am writing to support for Orleans Parish proposed PPL24 project for restoration of the Bayou Bienvenue Triangle Area. Over the past half century, the Triangle area, along with much of the Central Wetlands Unit, has severely degraded. What was once a thriving cypress swamp has converted almost entirely to open water. With the loss of this cypress swamp, there was loss of important habitat, fishing areas, and an extremely important hurricane buffer. The cause of the loss of the swamp was the construction of the MRGO. Our studies have shown that salinity intrution via MRGO casused the death of the swamp (Shaffer et al. 2009). These same studies also show that had the swamp been in place, flooding in New Orleans and St. Bernard was have been significantly less. Thus, restoration of this area will provide enormous benefits including hunting and fishing, water quality improvement, and a storm buffer.

The fact that this area is adjacent to the Lower Ninth Ward of New Orleans. Thus, the benefits will be directly benefit this population and offer the opportunity to involve the community in the restoration effort through cypress seedling planting and environmental education.

Over the past decade, I have been involved in several studies of the Central Wetlands Unit. The proposed project falls within the overall plan for restoration of this area. The project is concistent with the 2012 State Master Plan and the plan by Orleans and St. Bernard Parishes to use wetland assimilation to both clean water and to restore wetlands of the areas.

I strongly support this project. If there are any questions, please do not hesitate to contact me

Sincerely,

John W. Day Jr.,
Distinguished Professor Emeritus

February 12, 2014

Colonel Richard Hansen
District Engineer, New Orleans
c/o: Brad Inman
U.S. Army Corps of Engineers
P.O. Box 60267
New Orleans, LA

Dear Mr. Inman and CWPPRA Taskforce:

We write to show our support for Orleans Parish proposed PPL24 project to restore the Bayou Bienvenue Triangle Area. Over the last 50 years, the area known as Bayou Bienvenue Triangle has converted from cypress swamp to open water. The recently decommissioned Mississippi River Gulf Outlet brought higher salinity waters from the Gulf into the fresh water cypress and tupelo swamp and marsh of the Bayou which led to the death of the once abundant cypress trees and other wetland vegetation. This ecosystem deterioration increased the vulnerability of local residents to flooding and deprived them of the recreational opportunities and the natural beauty of the swamp.

Dedicating dredged sediment from the Mississippi River is a critical step toward restoration that will allow re-vegetation of the wetland triangle. Benefits of restoration will include improved water quality through the filtration of storm and waste water, the growth of trees and vegetation, increased flood control, and expanded wildlife habitat. This urban wetland restoration project will be highly visible due to its location in the Lower Ninth Ward of New Orleans. The project will have great potential for local community involvement including planting opportunities and educational outreach.

The importance of restoration in the Bayou Bienvenue Triangle is widely recognized. The 2012 Louisiana Coastal Master Plan calls for marsh creation in this project footprint. The Army Corps of Engineers MRGO Ecosystem Restoration Plan calls for restoration of this area and the Triangle is fully covered for NEPA in the Programmatic EIS. This project is also complementary to the nearby New Orleans Sewerage & Water Board's ongoing wastewater assimilation project.

We greatly appreciate the consideration of such a worthwhile restoration effort.

Sincerely,

Amanda Moore
Greater New Orleans Program Manager
National Wildlife Federation
Coordinator, MRGO Must GO Coalition

River to Bayou

February 18, 2014

Colonel Richard Hansen
District Engineer, New Orleans
c/o: Brad Inman
U.S. Army Corps of Engineers
P.O. Box 60267
New Orleans, LA

Dear Mr. Inman and CWPPRA Taskforce:

The Lower 9th Ward Center for Sustainable Engagement and Development (CSED) submits this letter of support for Orleans Parish proposed PPL24 project to restore the Bayou Bienvenue Triangle Area. Over the last 50 years, the area known as Bayou Bienvenue Triangle has converted from cypress swamp to open water. The recently decommissioned Mississippi River Gulf Outlet brought higher salinity waters from the Gulf into the fresh water cypress and tupelo swamp and marsh of the Bayou which led to the death of the once abundant cypress trees and other wetland vegetation. This ecosystem deterioration increased the vulnerability of local residents to flooding and deprived them of the recreational opportunities and the natural beauty of the swamp.

Dedicating dredged sediment from the Mississippi River is a critical step toward restoration that will allow re-vegetation of the wetland triangle. Benefits of restoration will include improved water quality through the filtration of storm and waste water, the growth of trees and vegetation, increased flood control, and expanded wildlife habitat. This urban wetland restoration project will be highly visible due to its location in the Lower Ninth Ward of New Orleans. The project will have great potential for local community involvement including planting opportunities and educational outreach.

The importance of restoration in the Bayou Bienvenue Triangle is widely recognized. The 2012 Louisiana Coastal Master Plan calls for marsh creation in this project footprint. The Army Corps of Engineers MRGO Ecosystem Restoration Plan calls for restoration of this area and the Triangle is fully covered for NEPA in the Programmatic EIS. This project is also complementary to the nearby New Orleans Sewerage & Water Board's ongoing wastewater assimilation project.

CSED wholeheartedly endorses this project. We greatly appreciate the consideration of such a worthwhile restoration effort.

Sincerely,

Arthur J. Johnson, Executive Director
(504) 421-9643
5130 Chartres Street, Post Office Box 770407, New Orleans, Louisiana 70177-0407
Phone: (504)324-9955 Fax: (504)267-5583
www.sustainthenine.org blog.sustainthenine.org

TO: COLONEL RICHARD L. HANSEN
DISTRICT ENGINEER NEW ORLEANS
C/O BRAD INMAN
U.S. CORPS OF ENGINEERS
P.O. BOX60267
NEW ORLEANS, LA 70160

REF: CWPPRA PPL-24 TEFHNICAL COMMITTEE PUBLIC MEETING

BAYOU DUPONT SEDIMENT DELIVERY-MARSH CREATION 4
AND BARATARIA BAY WATERWAY EAST MARSH CREATION

I AM UNABLE TO ATTEND THE MEETING BUT WOULD LIKE TO VOICE MY SUPPORT FOR THE TWO PROJECTS MENTIONED ABOVE.
PLEASE KEEP ME INFORMED .

FROM: JERRY PERRIN
2424 PRIVATEER BLVD
BARATARIA, LA 70036

APRIL 1, 2014

CALCASIEU PARISH POLICE JURY
GOVERNING AUTHORITY OF CALCASIEU PARISH, LOUISIANA

P.O. Drawer 3287 • 1015 Pithon Street • Lake Charles, Louisiana 70602-3287
337/721-3500 • Fax 337/437-3399
www.cppj.net

February 20, 2014

Mr. Brad Inman
US Army Corps of Engineers
New Orleans District
P.O. Box 60267
New Orleans, LA 70160

Re: CWPPRA PPL24 Selection Process

Dear Mr. Inman:

In response to the above referenced selection process, Calcasieu Parish strongly supports the East Holly Beach Gulf Shoreline Protection Project (R4-CS-01) as our number one priority. From a coastal perspective, the Southwest region has been neglected for too long. Calcasieu Parish has been identified as a 500 year level of protection according to the Louisiana's Comprehensive Master Plan for a Sustainable Coast. The East Holly Beach Gulf Shoreline Project will help Calcasieu Parish achieve a step in the process of reaching this 500 year level of protection.

Calcasieu Parish also supports the following projects, No Name Bayou Marsh Creation and Nourishment, Cameron Creole Marsh Restoration, North Oyster Bayou Marsh Creation, West Cove Marsh Creation, East Prong Grand Bayou Marsh Creation and Southwest Cameron Creole Marsh Creation. All these projects are critical for the protection of the southwest region.

Sincerely,

Dennis Scott
Calcasieu Parish Police Jury President

Norbèrt N. "Norby" Chabert
State Senator
20th Senatorial District

P. O. Box 2417
Houma, LA 70361

Office: (985) 858-2927
Fax: (985) 858-2930

SENATE
STATE OF LOUISIANA

February 25, 2014

CWPPRA Task Force Members

RE: Leeville Marsh Creation/Nourishment Project/PPL24

Ladies and Gentlemen:

I am writing to advocate for the above referenced project which is proposed on the East side of Leeville. The project is vital to the community of Leeville, Port Fourchon, Lafourche Parish, the State, and the Nation. It will protect critical energy supplies, endangered and protected species, area resident's and businesses, to include LA Hwy 1.

The project encompasses approximately (+ or -) 440 acres of marsh creation and nourishment. It will reestablish a portion of the Southeastern Louisiana Canal and Protect LA Hwy 1. The project is consistent with the State Master Plan.

I urge the Task Force to move this project to the Engineering and Design Phase. CWPPRA has my full support for PPL24.

Sincerely,

Sincerely,

Norbert N. "Norby" Chabert
State Senator
District 20

To CWPPRA review panel;

The residents and businesses in Leeville would like to support the Leeville Project (PPL24) for marsh creation on the east side and marsh nourishment on the west side of Leeville. This project would greatly help the residents and businesses of Leeville in preserving the existence of Leeville from the rapid land loss from subsidence, and erosion caused by wind, tidal flow, and storm surges. The historical and economic value that Leeville contributes to the parish and state from the commercial seafood, recreational fishing and tourism that Leeville provides would be detrimental if nothing were done.

Thank you for your time and consideration for this project,

Brian Rean
Loretta Dardar
James Dardar Sr.
Jean Reynaud
Delores Reynaud
Lisa Lee
Ludovic Lee Sr.
Ludovic Lee Jr.
Curtis Lee
Debbie Pellegrin
Daniel Pellegrin Sr.
Daniel Pellegrin Jr.
Jake Pellegrin

To CWPPRA review panel;

The residents and businesses in Leeville would like to support the Leeville Project (PPL24) for marsh creation on the east side and marsh nourishment on the west side of Leeville. This project would greatly help the residents and businesses of Leeville in preserving the existence of Leeville from the rapid land loss from subsidence, and erosion caused by wind, tidal flow, and storm surges. The historical and economic value that Leeville contributes to the parish and state from the commercial seafood, recreational fishing and tourism that Leeville provides would be detrimental if nothing were done.

Thank you for your time and consideration for this project,

Troy [illegible]
Patty Griffin
S Cheramie
Beulah [illegible]
Shaun Pelle[illegible]
Karon Prine
Meagan Pate
Shane Pate
Katie Paquette
Jesse Landry
Lizzie Kramer
Kirica Kramer

Anita Scrigny
William Driggers
Brandon Standiber
Dennis Yates
Christopher [illegible]
Tayler [illegible]
Joel [illegible]
Shelia [illegible]
Ben Self
Cole Goff
Ken L Grimes
Kim A. Grimes
David Adam

To CWPPRA review panel;

The residents and businesses in Leeville would like to support the Leeville Project (PPL24) for marsh creation on the east side and marsh nourishment on the west side of Leeville. This project would greatly help the residents and businesses of Leeville in preserving the existence of Leeville from the rapid land loss from subsidence, and erosion caused by wind, tidal flow, and storm surges. The historical and economic value that Leeville contributes to the parish and state from the commercial seafood, recreational fishing and tourism that Leeville provides would be detrimental if nothing were done.

Thank you for your time and consideration for this project,

Don Griffin
Kent HarmBars
Timmy J Melancon
Terrance W. Hayes
Gail S. Hayes
Houston Lee
Hector Guidani Jr.
Mary Demere
Delta Demere
[illegible signature] Galliano
[illegible signature] Jr
Ray Bourne Jr
Francisco Figueroa

Archie [illegible signature]
Seth Bourne
Leslie Bourne
[illegible signature]
Simon Douglas
[illegible signature]
Chandler Dyles
Beth Kaye Bruce
John Bruce Jr.
Jay Bruce
Marty Terrebonne
Allen LeBlanc
Martin Barrios R.
Ben Thelander
Delfino Chavez

LOUISIANA HOUSE OF REPRESENTATIVES

P. O. Drawer 1448
Larose, LA 70373-1448
Email: gisclairj@legis.la.gov
Phone: 985.798.7707
Toll Free: 866.542.2780
Fax: 985.798.7757

Agriculture, Forestry, Aquaculture, and Rural Development
Natural Resources and Environment
Transportation, Highways, and Public Works
Special Committee on Military and Veterans Affairs

JERRY "TRUCK" GISCLAIR
State Representative ~ District 54

February 19, 2014

CWPPRA Task Force Members

Re: Bayou Lafourche Near Leeville Marsh Creation and Nourishment Project/PPL24

Ladies and Gentlemen:

Please accept this letter as an indication of my support of the Bayou Lafourche Near Leeville Marsh Creation and Nourishment Project/PPL24.

The proposed project will create and nourish 440 +/- acres of marshland on the east side of Leeville, Louisiana. This is an area which has endured tremendous erosion over the past several years due tropical systems, subsidence, and changes in hydrology.

The referenced project is consistent with Louisiana's 2012 Coastal Master Plan. Your consideration and support of this project are appreciated.

Respectfully,

Jerry "Truck" Gisclair
State Representative, District 54

Lillie Petit Gallagher
1661 East Lakeshore Drive
Baton Rouge, LA 70808

April 04, 2014

Brad Inman
CWPPRA Program Manager
U.S. Army Corps of Engineers
P.O. Box 60267
New Orleans, Louisiana 70160
Fax: 504-862-2572
Email: Brad.L.Inman@usace.army.mil

RE: CWPPRA Project Nominee/East Leeville

Dear Mr. Inman:

Please accept this letter as my support for the CWPRRA Project Nominee, to create or nourish approximately 450 (+or-) acres of marsh on the East side of Leeville, LA. As a descendent of Leeville, I am aware of the value this community contributes to the oilfield support, recreational fishing, and seafood industries.

The immediate area has few remaining barriers and has become a very fragile part of coastal Louisiana. Businesses and residents, as well as LA Hwy 1, suffer from flooding with high tides and strong winds. This project will give much needed protection against subsidence.

I encourage the CWPPRA Task Force to move this project to the next round for consideration and ultimately to the design and construction phase.

Sincerely,

Lillie Petit Gallagher

LPG/jr

MARY L. LANDRIEU
LOUISIANA

United States Senate

WASHINGTON, DC 20510–1804

February 24, 2014

Janet Rhodus
Launch Leeville
245 Rue De Laplace
Baton Rouge, LA 70810

Dear Ms. Rhodus:

Thank you for informing me of Launch Leeville's submission of the Leeville Marsh Creation/Nourishment Project to the CWPPRA Task Force. I have been an ardent advocate for coastal restoration throughout my career, and I appreciate your efforts to protect and preserve historic Leeville.

It is my understanding that this project involves the hydraulic pumping of sediment from Little Lake to create and nourish approximately 440 acres of marsh east of Leeville. This project is designed to help restore the backside of the natural Bayou Lafourche, and could result in a net of 325 acres of protected wetlands over 20 years. These goals are consistent with the State Master Plan and are important to not only Leeville and Port Fourchon, but to Louisiana as a whole.

It is my hope that your proposal will receive every appropriate consideration within the applicable guidelines. Please contact Renae Black in my office at renae_black@landrieu.senate.gov if there is anything I can do to be of assistance.

With kindest regards, I am

Sincerely,

Mary L. Landrieu
United States Senator

MLL:rlb

Office of the Lieutenant Governor
State of Louisiana

JAY DARDENNE
LIEUTENANT GOVERNOR

P. O. Box 44243
BATON ROUGE, LOUISIANA 70804-4243
(225) 342-7009

March 24, 2014

Task Force Members
Coastal Wetlands Planning, Protection and Restoration Act

RE: Leeville Marsh Creation/Nourishment Project/PPL24

Dear Ladies and Gentlemen:

I am writing in support of the above referenced project which is proposed on the east side of Leeville. The project is vital to the communities of Leeville, Port Fourchon and Lafourche Parish and will protect endangered and protected species, critical energy supplies, replace lost habitat and provide a buffer to area residents, businesses and LA Highway 1.

The project encompasses approximately 440 acres (+ or -) of marsh creation and nourishment. It will reestablish a portion of the Southeastern Louisiana Canal, protect LA Highway 1 and is consistent with the State Master Plan.

I am pleased to support PPL24, the Leeville Marsh Creation/Nourishment Project, and encourage the Task Force to move this project to the Engineering and Design Phase.

Thank you for your consideration.

Very truly yours,

Jay Dardenne
Lieutenant Governor

JD/dnn

Letter sent to CWPPRA Task Force Members:

Mr. Thomas A. Holden, Chairman
Deputy District Engineer
U.S. Army Engineer District, New Orleans
Office of the Chief
P.O. Box 60267
New Orleans, LA 70160

Mr. Darryl Clark
Senior Field Biologist
U.S. Fish and Wildlife Service
646 Cajundome Blvd, Suite 400
Lafayette, LA 70506

Mr. Bren Haase
Deputy Chief-Studies and Environmental Branch
Coastal Protection and Restoration Authority
P.O. Box 44027, Capitol Station
Baton Rouge, LA 70804

Mr. Richard Hartman
Fishery Biologist
Chief, Baton Rouge Office
National Marine Fisheries Service
Military Science Bldg, Room 266
LSU, South Stadium Drive
Baton Rouge, LA 70803

Ms. Karen McCormick
Section Chief
Environmental Protection Agency, Region 6
Marine and Coastal Protection Division (6WQ-EC)
1445 Ross Avenue
Dallas, TX 75202

Mr. Britt Paul, P.E.
Assistant State Conservationist/Water Resources
Natural Resources Conservation Service
3737 Government Street
Alexandria, LA 71302

Office of the Lieutenant Governor
State of Louisiana

JAY DARDENNE
LIEUTENANT GOVERNOR

P. O. Box 44243
Baton Rouge, Louisiana 70804-4243
(225) 342-7009

March 24, 2014

Task Force Members
Coastal Wetlands Planning, Protection and Restoration Act

RE: Leeville Marsh Creation/Nourishment Project/PPL24

Dear Ladies and Gentlemen:

I am writing in support of the above referenced project which is proposed on the east side of Leeville. The project is vital to the communities of Leeville, Port Fourchon and Lafourche Parish and will protect endangered and protected species, critical energy supplies, replace lost habitat and provide a buffer to area residents, businesses and LA Highway 1.

The project encompasses approximately 440 acres (+ or -) of marsh creation and nourishment. It will reestablish a portion of the Southeastern Louisiana Canal, protect LA Highway 1 and is consistent with the State Master Plan.

I am pleased to support PPL24, the Leeville Marsh Creation/Nourishment Project, and encourage the Task Force to move this project to the Engineering and Design Phase.

Thank you for your consideration.

Very truly yours,

Jay Dardenne
Lieutenant Governor

JD/dnn

February 20, 2014

Colonel Richard Hansen
District Engineer, New Orleans
c/o: Brad Inman
U.S. Army Corps of Engineers
P.O. Box 60267
New Orleans, LA

Dear Mr. Inman and CWPPRA Taskforce:

We write to show our support for Fish and Wildlife Service proposed PPL24 project, New Orleans Landbridge Shoreline Stabilization and Marsh Creation. The New Orleans Landbridge plays a critical role in protecting more than 1.5 million people in the parishes surrounding Lake Pontchartrain. The landbridge is a key to maintaining the normal tidal flow between the lake and the Gulf of Mexico and is identified by the Army Corps of Engineers as a "Critical Landscape Feature" because it reduces inland surges.

Local land sinking combined with the exposure to high wave energy has resulted in rapid retreat of the New Orleans Landbridge shoreline. The proposed project aims to restore and enhance 192 acres of brackish marsh and to protect 12,716 linear feet of shoreline to maintain the structural integrity of the Orleans Landbridge. This work will build into existing comprehensive plans, namely the 2012 Louisiana Coastal Master Plan, and will result in increased protection from storm surges and waves, improved fish and wildlife habitat, and increased resiliency of coastal wetlands to erosion, subsidence, and sea level rise.

National Wildlife Federation is dedicated to large-scale, ecosystem restoration in the Mississippi River Delta and the New Orleans Landbridge is priority project for our organization. The proposed New Orleans Landbridge Shoreline Stabilization and Marsh Creation is an excellent example of a CWPPRA project that can help achieve the vision of the Louisiana Coastal Master Plan and sustain our coast for a more resilient future.

We greatly appreciate the consideration of such a worthwhile restoration effort.

Sincerely,

Amanda Moore
Greater New Orleans Program Manager
National Wildlife Federation

Murry, Allison N CONTRACTOR @ MVN

From: Inman, Brad L MVN
Sent: Wednesday, February 19, 2014 1:53 PM
To: Murry, Allison N CONTRACTOR @ MVN
Subject: FW: [EXTERNAL] CWPPRA 24th PPL Nominations (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

-----Original Message-----
From: rigoletsunrise [mailto:rigoletsunrise@bellsouth.net]
Sent: Wednesday, February 19, 2014 1:52 PM
To: Inman, Brad L MVN
Cc: Carol G
Subject: [EXTERNAL] CWPPRA 24th PPL Nominations

Dear Mr. Inman,

Please accept this email as response for public comment to the CWPPRA Task Force regarding PPL 24.
As a 31 year resident of the Lake Catherine Community, I support CWPPRA, Region I, PPL 24 project name: New Orleans Landbridge Shoreline Stabilization and Marsh Creation project nominated on February 13, 2014.
We see and live firsthand the effects of diminished coast lines and marshes. In particular, Hurricane Katrina produced accelerated destruction and devastation, resulting in increased frequency and volume of flooding, even during smaller storms. This has a direct affect on property owners, businesses, wild life, fisheries, commercial shrimpers, and other natural resources.
Post Katrina, numerous property owners have invested in their waterfront property with new elevated homes, bulkheads and securing their immediate shoreline. However, we don't have the means or resources to improve/rebuild and replenish the outer shoreline and lost marshes.
This project will provide protection to community residents, businesses, commercial shrimping/fishing, wild life, natural resources, infrastructure, and the Highway 90 Hurricane evacuation route. It is known that healthy marshes act as a buffer to storms and high waters. Restoring and maintaining the structural integrity of this area provides added protection to other Lake Pontchartrain coastal communities/ parishes; including St. Tammany, St. John, and Orleans. The hydrology effects of this restoration would help diminish the intrusion of waters into Lake Pontchartrain, helping to lower the flooding in these parishes.
I strongly encourage the CWPPRA Task Force support/approve of this project. Thank you, cg
Carol Giardina
rigoletsunrise@belsouth.net <mailto:rigoletsunrise@belsouth.net>
Carol Giardina

Classification: UNCLASSIFIED
Caveats: NONE

Ecosystem Investment Partners
REALIZING ENVIRONMENTAL VALUES & CONSERVATION RESULTS

2002 Clipper Park Road, Suite 201
Baltimore, MD 21211

P 443.921.9441
F 410.235.1503
www.ecosystempartners.com

19 February, 2014

Mr. Brad Inman
U.S. Army Corps of Engineers
P.O. Box 60267
New Orleans, Louisiana 70160

Subject: New Orleans Land bridge Shoreline Stabilization and Marsh Creation (PPL23 Candidate)

Dear Mr. Inman:

I am writing a letter of support for the New Orleans Land bridge Shoreline Stabilization and Marsh Creation Project (PPL23) located along the east portion of Lake Pontchartrain on both sides of U.S. Highway 90 between Hospital Road and Greens Ditch. As a landowner in the area we appreciate any efforts to restore brackish marsh along the land bridge.

If you have any questions, please call.

Sincerely,

David T. Urban
Director of Operations

Murry, Allison N CONTRACTOR @ MVN

From: Inman, Brad L MVN
Sent: Wednesday, February 19, 2014 3:04 PM
To: Murry, Allison N CONTRACTOR @ MVN
Subject: FW: [EXTERNAL] CWPPRA 24th PPL Nominations (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

-----Original Message-----
From: Lake Catherine [mailto:lakecatherineassociation@yahoo.com]
Sent: Wednesday, February 19, 2014 2:24 PM
To: Inman, Brad L MVN
Cc: Lake Catherine Civic Association
Subject: [EXTERNAL] CWPPRA 24th PPL Nominations

Dear Mr. Inman,

Please accept this email as response for public comment from the Lake Catherine Civic Association (LCCA) to the CWPPRA Task Force regarding PPL 24.
The Lake Catherine Civic Association supports the CWPPRA, Region I, PPL 24 project name: New Orleans Landbridge Shoreline Stabilization and Marsh Creation project nominated on February 13, 2014.
Our community experiences firsthand the effects of diminished coast lines and marshes. In particular, Hurricane Katrina produced accelerated destruction and devastation, resulting in increased frequency and volume of flooding, even during smaller storms. This has a direct impact on property owners, businesses, wild life, fisheries, commercial shrimpers, and other natural resources.
Hurricane Katrina devastated our community. The vast majority of homes and camps were destroyed as well as most of our infrastructure. Post Katrina; the infrastructure was rebuilt and property owners invested in their waterfront property with new elevated homes, bulkheads and securing their immediate shoreline. However, we don't have the means or resources to improve/rebuild and replenish the outer shoreline and lost marshes. We know that healthy marshes act as a buffer to storms and high waters.
This project will provide protection to community residents, businesses, commercial shrimping/fishing, wild life, natural resources, infrastructure, and the Highway 90 Hurricane evacuation route. Restoring and maintaining the structural integrity of this area, through shoreline stabilization and marsh creation will also provide added protection to other Lake Pontchartrain coastal communities/ parishes; including St. Tammany, St. John, and Orleans.
The hydrology effects of this restoration would help diminish the intrusion of waters into Lake Pontchartrain, helping to lower the flooding in these parishes.
The Lake Catherine Civic Association strongly encourages the CWPPRA Task Force to support and approve the New Orleans Landbridge Shoreline Stabilization and Marsh Creation project. Thank you.
LCCA Board: Carol Giardina, Pamela Ricca, Elise Snoeren, Carl Beier, Claude Cutitto, George Winningham, David Frady, Patrick Hemard, Randy Laumann, Ronnie Bertucci, Roy Heyl, Mary Giardina

Classification: UNCLASSIFIED
Caveats: NONE

LAND for TRUST LOUISIANA

Dedicated to preserving and protecting valuable natural areas, urban green spaces and agricultural lands of Louisiana for current and future generations.

February 19, 2014

Brad Inman
CWPPRA Programs Manager
U.S. Army Corps of Engineers
P.O. Box 60267
New Orleans, LA 70160
Email: Brad.L.Inman@usace.army.mil

Mr. Inman:

My name is Marisa Escudero and I am writing on behalf of Land Trust for Louisiana to submit public comments in regards to the New Orleans Landbridge Shoreline Stabilization and Marsh Creation project nominated on February 13, 2014. Land Trust for Louisiana is a 501(c)(3), nonprofit corporation that works to protect our state's valuable natural resources, agricultural lands, and urban green spaces for present and future generations. We do so by working with community partners to create a healthy and sustainable natural environment through land donations, conservation easements, or land purchases that conserve and protect valuable natural areas.

We support the New Orleans Landbridge project as proposed on February 13, 2014. The area in question, referenced as Region 1, Pontchartrain Basin, Orleans Parish, along the east portion of Lake Pontchartrain on both sides of U.S. Highway 90 between Hospital Road and Greens Ditch, is an area of land vital to improving synergistic effects with flood protection and restoration efforts within the Lake Pontchartrain Basin. This includes the Greater New Orleans Hurricane and Storm Damage Risk Reduction System, the Bayou Chevee Shoreline Protection Project (PO-22), as well as several marsh mitigation projects being designed and implemented in the area.

The diminishing coast lines and marshes, accelerated by the destruction and devastation of Hurricane Katrina, have resulted in an increased frequency and volume of flooding in this area. This net loss of land directly impacts property owners, businesses, wild life, fisheries, commercial shrimpers, and other natural resources in the surrounding area. The New Orleans Landbridge project would have a net positive impact to critical infrastructure to a major hurricane evacuation route for the Greater New Orleans area and residences along the East Orleans Land Bridge: U.S. Highway 90. The project would reduce the rate or frequency of flooding from south/southeast winds and tidal surge, thus providing protection to community residents, businesses, commercial shrimping/fishing, wild life, natural resources, infrastructure, and the Highway 90 Hurricane evacuation route.

Restoring the marshes along the Orleans Landbridge will help to protect fish and wildlife trust resources dependent on habitats associated with Lake Pontchartain, particularly at-risk species such as the diamondback terrapin, black rail, reddish egret, brown pelican and the Louisiana eyed silkmoth. As land conservationists, we respectfully request you approve the New Orleans Landbridge Shoreline Stabilization and Marsh Creation.

Thank you for your consideration,

Marisa C. Escudero
Development Director

cc: Dr. Jay Addison, President

P.O. Box 1636 • Hammond, LA 70404 • 504-542-5006 • fax 877-890-5760 • info@landtrustforlouisiana.org
www.landtrustforlouisiana.org

Dear Mr. Inman,

As a 31 year resident of the Lake Catherine Community, I support CWPPRA, Region I, PPL 24 project name: New Orleans Landbridge Shoreline Stabilization and Marsh Creation project nominated on February 13, 2014. I have lived on the island my entire life and have seen and lived firsthand the effects of diminished coastline and marshes. In particular, Hurricane Katrina produced accelerated destruction and devastation, resulting in increased frequency and volume of flooding, even during the smallest of storms. This has a direct negative affect on property owners, businesses, wild life, fisheries, commercial shrimpers, and other natural resources that contribute to our thriving community. Communities near and far benefit from the natural resources available in our community, including but not limited to our wildlife and commercial fishermen.

Post Katrina, numerous property owners have invested in their waterfront property by elevating their homes, reinforcing their bulkheads, and securing their immediate shoreline. However, we don't have the means or resources to improve/rebuild and replenish the outer shoreline and lost marshes.

This project will provide protection to community residents, businesses, commercial shrimping/fishing, wild life, natural resources, infrastructure, the Fort Pike historical site, and the Highway 90 Hurricane evacuation route. It is known that healthy marshes act as a buffer to storms and high waters. A good hurricane protection strategy involves multiple lines of defense and restoring and maintaining the structural integrity of this area especially provides added protection to other Lake Pontchartrain coastal communities/parishes; including St. Tammany, St. John, and Orleans. The effects of this restoration project would help diminish the intrusion of waters into Lake Pontchartrain, helping to lower the flooding in these parishes.

Growing up in the Lake Catherine community I had the privilege of living in a true sportsman's paradise. I enjoyed fishing from of our pier, shrimping and crabbing on our family boat, and many picnics at Fort Pike. Looking out at the marshes in front of my house today compared to even a few years ago can be overwhelming. There is so little left and I worry that my children will never have the privilege of enjoying this beautiful piece of Louisiana. From a very personal perspective I have a strong desire to see our marshes and shoreline restored but with no control over when the next storm will hit I also believe it is very important to choose a project that will benefit the most communities.

I strongly encourage your support and approval of this project.

Thank you,

Mary Giardina

PAT BRISTER, PARISH PRESIDENT
ST. TAMMANY PARISH

P. O. BOX 628
COVINGTON, LA 70434
985-898-2362
FAX: 985-898-5237
E-MAIL: PBRISTER@STPGOV.ORG
WEB SITE: HTTP://STPGOV.ORG

April 9, 2014

Mr. Brad Inman
US Army Corps of Engineers
New Orleans District
P.O. Box 60267
New Orleans, LA 70160

Dear Mr. Inman,

Please accept this letter as our comments for the PPL 24 selection process. St. Tammany Parish would like to strongly support the New Orleans Landbridge Shoreline Stabilization & Marsh Creation Project. This project will assist in the protection of the citizens and property of St. Tammany Parish. The landbridge is critical to the normal tidal flow between the lake and the Gulf of Mexico because it reduces inland surges from storms.

Sincerely,

Patricia P. Brister

Patricia P. Brister
Parish President

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

APRIL 15, 2014

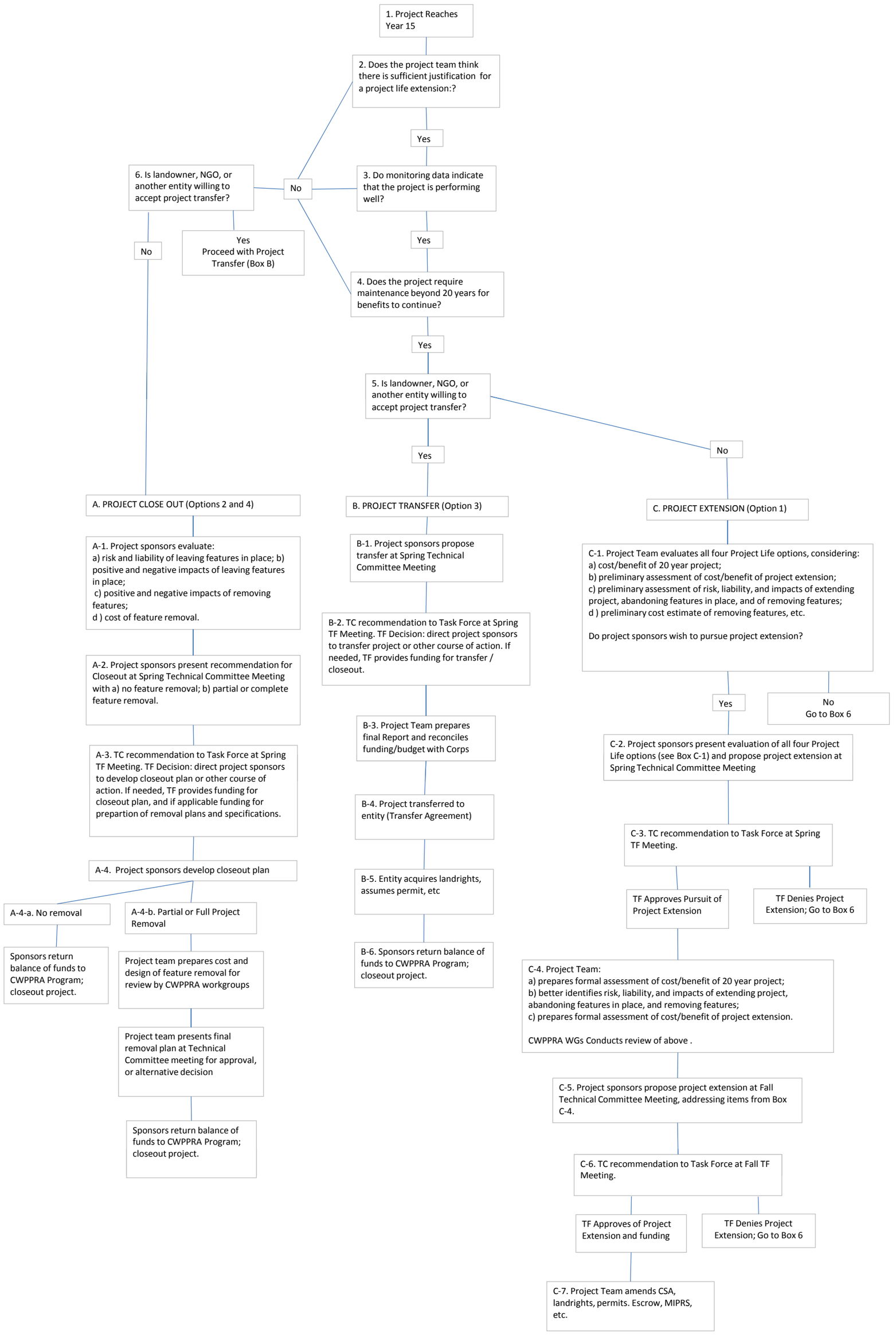
UPCOMING 20-YEAR LIFE PROJECTS

For Report/Decision:

The project sponsors will present recommended path forwards for CWPPRA projects ending their 20 year lives in 2015 or 2016. Technical Committee will vote on a recommendation to the Task Force on the path forward for the following projects nearing their 20-year life:

Project No.	Project Name	Agency	Const. Complete	20YL
CS-18	Sabine National Wildlife Refuge Erosion Protection	FWS	1-Mar-95	1-Mar-15
TV-03	Vermilion River Cutoff Bank Protection	COE	11-Feb-96	11-Feb-16
PO-16	Bayou Sauvage Refuge Restoration Phase 1	FWS	30-May-96	30-May-16
BA-19	Barataria Bay Waterway Wetland Creation	COE	15-Oct-96	15-Oct-16

	CWPPRA: Project 20-Year Life Dates							
Type	Proj No.	Project	Agency	FY Complete	Construction Complete	20 year Life Expires	Recommendation Due (yr 15)	Funds Remaining
Marsh Creation	PO-17	Bayou LaBranche	COE	FY 1994	7-Apr-94	7-Apr-14	7-Apr-09	No
Shoreline Protection	ME-09	Cameron Prairie National Wildlife Refuge SP	FWS	FY 1994	9-Aug-94	9-Aug-14	9-Aug-09	Yes
Shoreline Protection	CS-18	Sabine National Wildife Refuge Erosion Protection	FWS	FY 1995	1-Mar-95	1-Mar-15	1-Mar-10	Yes
Shoreline Protection	ME-04	Freshwater Bayou Wetland Protection	NRCS	FY 1998	19-Mar-95	19-Mar-15	15-Aug-13	Yes
Shoreline Protection	TV-09	Vermilion Bay/Boston Canal SP	NRCS	FY 1996	30-Nov-95	30-Nov-15	30-Nov-10	Yes
Shoreline Protection	TV-03	Vermilion River Cutoff Bank Protection	COE	FY 1996	11-Feb-96	11-Feb-16	11-Feb-11	Yes
Hydrologic Restoration	PO-16	Bayou Sauvage #1	FWS	FY 1996	30-May-96	30-May-16	30-May-11	Yes
Marsh Management	CS-20	East Mud Lake Marsh Management	NRCS	FY 1996	15-Jun-96	15-Jun-16	15-Jun-11	Yes
Marsh Creation	BA-19	Barataria Bay Waterway Wetland Creation	COE	FY 1997	15-Oct-96	15-Oct-16	15-Oct-11	No
Hydrologic Restoration	CS-17	Cameron Creole Plugs	FWS	FY 1997	28-Jan-97	28-Jan-17	28-Jan-12	Yes
Shoreline Protection	CS-22	Clear Marais	COE	FY 1997	3-Mar-97	3-Mar-17	3-Mar-12	Yes
Shoreline Stabilization	TE-22	Point au Fer Canal Plugs	NMFS	FY 1997	8-May-97	8-May-17	8-May-12	Yes
Hydrologic Restoration	PO-18	Bayou Sauvage #2	FWS	FY 1997	28-May-97	28-May-17	28-May-12	Yes
Barrier Island Restoration	TE-29	Raccoon Islands Breakwaters Demo	NRCS	FY 1997	31-Jul-97	31-Jul-17	31-Jul-12	Yes
Hydrologic Restoration	CS-04a	Cameron-Creole Maintenance	NRCS	FY 1997	30-Sep-97	30-Sep-17	30-Sep-12	Yes
Sediment Diversion	MR-06	Channel Armor Gap Crevasse	COE	FY 1998	2-Nov-97	2-Nov-17	2-Nov-12	Yes (Mon)
Marsh Creation, Dredged	AT-02	Atchafalaya Sediment Delivery	NMFS	FY 1998	21-Mar-98	21-Mar-18	21-Mar-13	Yes
Shoreline Protection	ME-13	Freshwater Bayou Bank Stabilization	NRCS	FY 1998	15-Jun-98	15-Jun-18	15-Jun-13	Yes
Shoreline Protection	BA-15	Lake Salvador Demo	NMFS	FY 1998	30-Jun-98	30-Jun-18	30-Jun-13	No
Marsh Creation, Dredged	AT-03	Big Island Mining	NMFS	FY 1999	8-Oct-98	8-Oct-18	8-Oct-13	Yes
Hydrologic Restoration	TV-04	Cote Blanche Hydrologic Restoration	NRCS	FY 1999	15-Dec-98	15-Dec-18	15-Dec-13	Yes
Marsh Creation	PO-19	MRGO Disposal Area Marsh Protection	COE	FY 1999	29-Jan-99	29-Jan-19	29-Jan-14	No
Shoreline Protection	CS-24	Perry Ridge Shore Protection	NRCS	FY 1999	15-Feb-99	15-Feb-19	15-Feb-14	Yes
Marsh Creation	TE-26	Lake Chapeau Sed Input & HR	NMFS	FY 1999	18-May-99	18-May-19	18-May-14	Yes
Barrier Island Restoration	TE-20	Isles Dernieres East Island	EPA	FY 1999	15-Jun-99	15-Jun-19	15-Jun-14	No
Barrier Island Restoration	TE-24	Isles Dernieres Trinity Island	EPA	FY 1999	15-Jun-99	15-Jun-19	15-Jun-14	No
Sediment Trapping	TV-12	Little Vermilion Bay Sediment Trapping	NMFS	FY 1999	20-Aug-99	20-Aug-19	20-Aug-14	Yes
Hydrologic Restoration	CS-21	Highway 384 Hydrologic Restoration	NRCS	FY 2000	7-Jan-00	7-Jan-20	7-Aug-15	Yes
Barrier Island Restoration	TE-30	East Timberlier Island, Ph 2	NMFS	FY 2000	15-Jan-00	15-Jan-20	15-Jan-15	Yes (Mon)
Marsh Enhancement	TE-36	Thin Mat Demo	NRCS	FY 2000	10-May-00	10-May-20	10-May-15	No
Hydrologic Restoration	TE-28	Brady Canal	NRCS	FY 2000	22-May-00	22-May-20	22-May-15	Yes
Barrier Island Restoration	TE-37	Whiskey Island Restoration	EPA	FY 2000	15-Jun-00	15-Jun-20	15-Jun-15	No
Sediment Trapping	CS-25	Plowed Terraces Demo	NRCS	FY 2000	31-Aug-00	31-Aug-20	31-Aug-15	No
Hydrologic Restoration	BA-02	BA2-GIWW to Clovelly	NRCS	FY 2001	31-Oct-00	31-Oct-20	31-Oct-15	Yes


1. Project Reaches Year 15
2. Does the project team think there is sufficient justification for a project life extension:?
Yes
No
3. Do monitoring data indicate that the project is performing well?
Yes
4. Does the project require maintenance beyond 20 years for benefits to continue?
Yes
5. Is landowner, NGO, or another entity willing to accept project transfer?
Yes
No
6. Is landowner, NGO, or another entity willing to accept project transfer?
No
Yes
Proceed with Project Transfer (Box B)
A. PROJECT CLOSE OUT (Options 2 and 4)
A-1. Project sponsors evaluate:
a) risk and liability of leaving features in place; b) positive and negative impacts of leaving features in place;
c) positive and negative impacts of removing features;
d) cost of feature removal.
A-2. Project sponsors present recommendation for Closeout at Spring Technical Committee Meeting with a) no feature removal; b) partial or complete feature removal.
A-3. TC recommendation to Task Force at Spring TF Meeting. TF Decision: direct project sponsors to develop closeout plan or other course of action. If needed, TF provides funding for closeout plan, and if applicable funding for prepartion of removal plans and specifications.
A-4. Project sponsors develop closeout plan
A-4-a. No removal
Sponsors return balance of funds to CWPPRA Program; closeout project.
A-4-b. Partial or Full Project Removal
Project team prepares cost and design of feature removal for review by CWPPRA workgroups
Project team presents final removal plan at Technical Committee meeting for approval, or alternative decision
Sponsors return balance of funds to CWPPRA Program; closeout project.
B. PROJECT TRANSFER (Option 3)
B-1. Project sponsors propose transfer at Spring Technical Committee Meeting
B-2. TC recommendation to Task Force at Spring TF Meeting. TF Decision: direct project sponsors to transfer project or other course of action. If needed, TF provides funding for transfer / closeout.
B-3. Project Team prepares final Report and reconciles funding/budget with Corps
B-4. Project transferred to entity (Transfer Agreement)
B-5. Entity acquires landrights, assumes permit, etc
B-6. Sponsors return balance of funds to CWPPRA Program; closeout project.
C. PROJECT EXTENSION (Option 1)
C-1. Project Team evaluates all four Project Life options, considering:
a) cost/benefit of 20 year project;
b) preliminary assessment of cost/benefit of project extension;
c) preliminary assessment of risk, liability, and impacts of extending project, abandoning features in place, and of removing features;
d) preliminary cost estimate of removing features, etc.
Do project sponsors wish to pursue project extension?
Yes
No
Go to Box 6
C-2. Project sponsors present evaluation of all four Project Life options (see Box C-1) and propose project extension at Spring Technical Committee Meeting
C-3. TC recommendation to Task Force at Spring TF Meeting.
TF Approves Pursuit of Project Extension
TF Denies Project Extension; Go to Box 6
C-4. Project Team:
a) prepares formal assessment of cost/benefit of 20 year project;
b) better identifies risk, liability, and impacts of extending project, abandoning features in place, and removing features;
c) prepares formal assessment of cost/benefit of project extension.
CWPPRA WGs Conducts review of above .
C-5. Project sponsors propose project extension at Fall Technical Committee Meeting, addressing items from Box C-4.
C-6. TC recommendation to Task Force at Fall TF Meeting.
TF Approves of Project Extension and funding
TF Denies Project Extension; Go to Box 6
C-7. Project Team amends CSA, landrights, permits. Escrow, MIPRS, etc.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

APRIL 15, 2014

STATUS OF CWPPRA STANDARD OPERATING PROCEDURES (SOP) UPDATE

For Report:

In January 2014, the P&E Subcommittee started an intensive clean-up and update of the CWPPRA SOP. The P&E plans to provide an updated draft to the Technical Committee a month prior to the September meeting to allow sufficient time for review before a vote on proposed changes. Ms. Murry will present the current status of the SOP update.

SOP UPDATE

In January, the P&E Committee started an extensive clean-up and update of the CWPPRA SOP. The P&E reviewed the SOP individually and provided edits and comments, then discussed some of the main issues during a conference call. Changes included small edits like replacing DNR with CPRA to bigger edits like removing outdated appendices and adding clarifying language to certain sections. Some of the main issues with the SOP included:

*Removal of outdated/unnecessary appendices:
    Appendix A- PPL Process (this will be a separate document from the SOP)
    Appendix B- Ecological Review
    Appendix D- Calendar of Required Activities
    Appendix F- CWPPRA – CIAP Partnership SOP
*Adding Coastwide category guidelines
*Adding O&M increase request procedures
*Updating monitoring section
*Need to add clarifying planning budget language:
    Proposed language includes "the Task Force recognizes that agencies cannot accurately estimate the level of effort required for each of the task categories (at the time the budgets are approved). Therefore, agencies can move funds among these categories without Task Force approval as long as the overall planning budget is not exceeded for the respective agency." (This is something agencies are currently doing, but the P&E wanted to clarify in the SOP.)

We will be adding any new language & changes that were discussed during the call and the P&E will do another review this summer on the suggested edits and changes. The P&E's goal is to provide an updated draft to the Tech Committee a month prior to the September meeting to allow sufficient time for the Technical Committee to review before a vote on proposed changes (see timeline below).

SOP Update Timeline

Date	Task	What is Due
6-Jun	SOP	Add any new language/changes that were discussed in the teleconference and send to Corps
18-Jul	SOP	Provide notes/list of edits that you disagree with (or that need further discussion) to Corps
25-Jul	SOP	Corps sends updated draft with new changes and list edits with disagreements for further discussion, send draft to P&E for review (possibly schedule teleconference to discuss)
4-Aug	SOP	Discuss disagreements via email/phone before this date. Corps sends updated draft with final P&E edits
11-Aug	SOP	Provide draft to TC for review (allows 1 month before TC mtg for them to review)

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

APRIL 15, 2014

FY15 PLANNING BUDGET APPROVAL, INCLUDING THE PPL 25 PROCESS, AND PRESENTATION OF THE FY15 OUTREACH BUDGET

For Decision:

The P&E Subcommittee will present their recommended FY15 Planning Program Budget development, including the PPL 25 Process.

a. The Technical Committee will vote on a recommendation to the Task Force to approve that the PPL 25 Process Standard Operating Procedures include selecting 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; and one nominee will be selected in the Atchafalaya Basin.

b. The Technical Committee will vote on a recommendation to the Task Force to approve the FY15 Outreach Committee Budget, in the amount of $445,800.

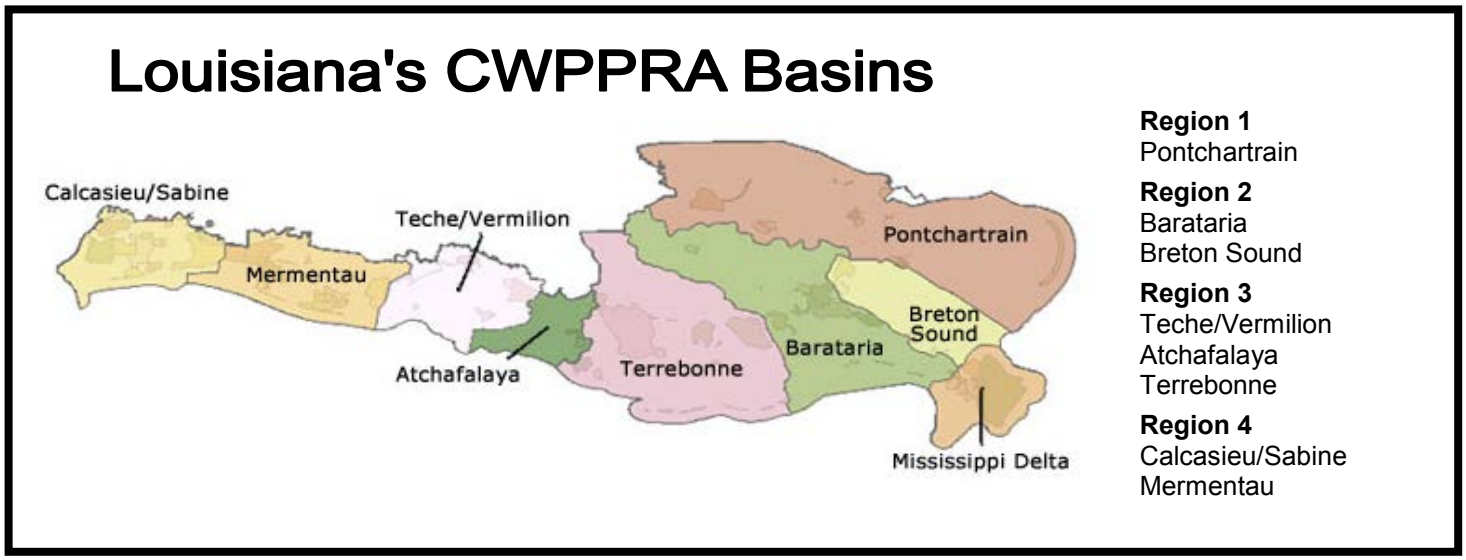
c. The Technical Committee will vote on a recommendation to the Task Force to approve the FY15 Planning Budget, in the amount of $5,091,819.

Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA)

Priority Project List (PPL) Selection Process

Project Nominations

The 4 Regional Planning Teams (RPTs) will meet to propose projects to be included on the new PPL. Project nominations will be accepted in all the hydrologic basins below, except the Mississippi River Delta Basin as strategies for this basin are not included in the State Master Plan. *All proposals must be consistent with the 2012 State Master Plan to be considered as possible nominees; therefore, those wishing to propose projects are encouraged to work with representatives of the Louisiana Coastal Protection and Restoration Authority prior to the RPT meetings to develop projects that are consistent*. A lead agency will be assigned to each nominated project to prepare preliminary project support information (factsheet, maps, and potential designs, and benefits).



- Project nominations that provide benefits or construct features in more than one basin shall be presented in the basin receiving the majority of the project's benefits.
- Multi-basin projects can be broken into multiple projects to be considered individually in the basins which they occur.
- Project nominations that are legitimate coastwide applications will be accepted separate from the 8 basins at any of the 4 RPT meetings.
- If similar projects are proposed within the same area, the RPT representatives will determine if those projects are sufficiently different to allow each of them to move forward. If not sufficiently different, such projects will be combined into one project nominee.

Prior to voting on project nominees, the Environmental Work Group (EnvWG) and Engineering Work Group (EngWG) will screen coastwide project and demonstration project nominations to ensure that each qualifies for its respective category as set forth in the CWPPRA Standard Operating Procedures (SOP) Appendix E and ?.

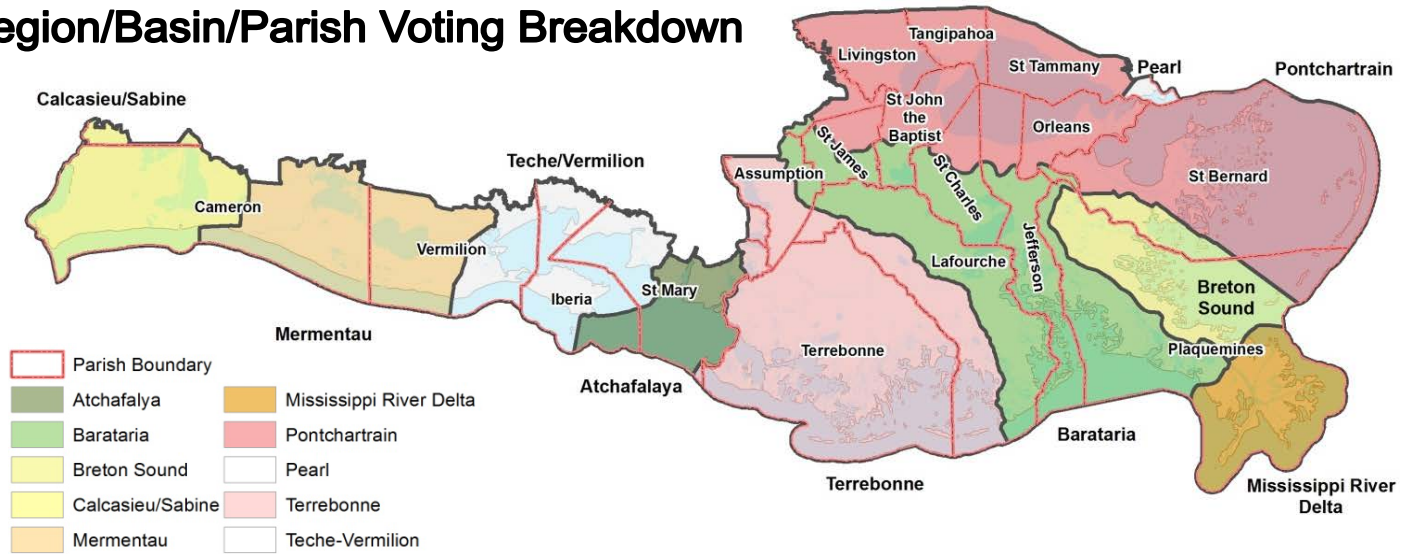
Nominees	Basin
4	Barataria
4	Terrebonne
3	Breton Sound
3	Pontchartrain
2	Mermentau
2	Calcasieu/Sabine
2	Teche/Vermilion
1	Atchafalaya
1	Coastwide
22	TOTAL

Coastwide Electronic Vote

The RPTs will vote after the individual RPT meetings via email or fax to select nominee projects. The RPTs will select projects per basin based on land loss rates (see table on left) and up to 6 demonstration projects.

All CWPPRA agencies and parishes will be required to provide the name and contact information for the official representative who will vote to select nominee projects during the RPT meetings. Each officially designated parish representative in the basin will have one vote and each federal agency and the State will have one vote.

Region/Basin/Parish Voting Breakdown



Region 1
Pontchartrain
Plaquemines
Jefferson
Orleans
St. Bernard
Ascension
Livingston
St. James
St. Charles
St. John the Baptist
St. Tammany
Tangipahoa

Region II
Barataria
Plaquemines
Jefferson
Orleans
Ascension
Assumption
St. James
St. Charles
Lafourche
St. John the Baptist

Breton Sound
Plaquemines
St. Bernard

Region III
Teche-Vermilion
St. Mary
Iberia
Vermilion

Atchafalaya
St. Mary
Iberia
Terrebonne

Terrebonne
St. Mary
Terrebonne
Assumption
Lafourche
Iberia
St. Martin

Region IV
Calcasieu-Sabine
Cameron
Calcasieu

Mermentau
Cameron
Vermilion

Preliminary Assessment of Nominated Projects

Agencies, parishes, landowners, and other individuals will informally confer to further develop projects. The lead agency designated for each nominated project will prepare a brief project description that discusses possible features. Factsheets will also be prepared for demonstration project nominees.

During this preliminary assessment, the EngWG and EnvWG meet to review project features, discuss potential benefits, and estimate preliminary fully funded cost ranges for each project. The Work Groups also review the nominated demonstration projects. If it is determined that a demonstration project is unlikely to be utilized in restoration or has been evaluated previously, the Work Groups may recommend to the Technical Committee that these projects not move forward.

The P&E Subcommittee prepares a matrix of cost estimates and other pertinent information for nominees and demonstration project nominees.

Selection of Phase 0 Candidate Projects

The selection of the Phase 0 candidate projects occurs at the spring Technical Committee meeting. The Technical Committee meets to consider the project costs and potential wetland benefits of the nominees. They will select 10 candidate projects regardless of basin and may select up to 3 demonstration project candidates for detailed assessment by the EngWG, EnvWG, and Economic Work Group (EcoWG).

Phase 0 Analysis of Candidate Projects

During Phase 0 analysis, the EngWG, EnvWG and Academic Advisory Group meet to refine project features and develop boundaries for the project and extended boundaries for estimating land loss.

The sponsoring agencies coordinate site visits for each project to observe the conditions in the project area. There will be no site visits conducted for demonstration projects. The sponsoring agencies develop draft WVAs and prepare Phase 1 engineering and design cost estimates and Phase 2 construction cost estimates, using formats approved by the applicable work group. Demonstration project candidates will be evaluated as outlined in Appendix E of the SOP.

The EngWG reviews and approves Phase 1 and 2 cost estimates, the EcoWG reviews cost estimates and develops annualized (fully funded) costs, and the EnvWG reviews and approves all draft WVAs.

The Corps of Engineers staff prepares an information package for Technical Committee review and public distribution consisting of:

1) Updated project factsheets
2) A matrix that lists projects, fully funded cost, average annual cost, WVA results in net acres and Average Annual Habitat Units (AAHUs), and cost effectiveness (average annual cost/AAHU)
3) A qualitative discussion of supporting partnerships and public support

Selection of the PPL

The selection of the PPL will occur at the winter Technical Committee and Task Force meetings. The Technical Committee meets and considers matrix, project factsheets, and public comments, then recommends up to 4 projects and up to one demonstration project for selection to the PPL. The Task Force will review the Technical Committee recommendations and determine which projects will receive Phase 1 (design) funding for the PPL.

Once a project completes Phase I, Phase II (construction) funding must be requested from the Task Force and much of the evaluation is updated using additional information gained since original analysis.

Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA)

PPL 25 Schedule

January #, 2015	Region IV Planning Team Meeting (Lafayette)
January #, 2015	Region III Planning Team Meeting (Houma)
January #, 2015	Regions I and II Planning Team Meetings (Lacombe)
February 24, 2015	Coastwide RPT Electronic Vote
February #- March #, 2015	Agencies prepare factsheets for RPT-nominated projects
March #-#, 2015	Engineering/Environmental Work Groups review project features, benefits, & prepare preliminary cost estimates for nominated projects (Baton Rouge)
March 2015	P&E Subcommittee prepares matrix of nominated projects showing initial cost estimates and benefits
April #, 2015	Spring Technical Committee Meeting, select PPL 25 candidate projects (New Orleans)
May/June 2015	Candidate project site visits
May #, 2015	Spring Task Force Meeting (Lafayette)
July/August/ September 2015	Eng/Eng/Econ Work Group project evaluations
September #, 2015	Fall Technical Committee Meeting, O&M and Monitoring funding recommendations (Baton Rouge)
October #, 2015	Fall Task Force Meeting, O&M and Monitoring approvals (New Orleans)
October #, 2015	Economic, Engineering, and Environmental analyses completed for PPL 25 candidates
December #, 2015	Winter Technical Committee Meeting, recommend PPL 25 and Phase I and II approvals (Baton Rouge)
January 2016	Winter Task Force Meeting, select PPL 25 and approve Phase II requests (New Orleans)

DATES SUBJECT TO CHANGE

Visit www.lacoast.gov/calendar for up-to-date information regarding meetings dates, times, & locations.

Coastal Wetlands Planning, Protection, and Restoration Act
Fiscal Year 2015 Planning Schedule and Budget
P&E Committee Recommendation,
Tech Committee Recommendation,
Task Force Approval,

4/3/2014

Carry Over Funds	$262,387

CWPPRA COSTS															
TASK			Duration		Dept of Defense	Department of Interior		State of Louisiana			EPA	Department of Agriculture	Department of Commerce		
Task Category	Task No.	Description	Start Date	End Date	USACE	USFWS	NWRC	CPRA	LDWF	GOCA	EPA	NRCS	NMFS	Other	Total
PPL 24 TASKS															
PL	24500	TC Recommendation for Project Selection and Funding	12/1/14	12/1/14	2,879	6,717	0	1,829	2,253	0	2,952	4,159	3,225	0	24,013
PL	24600	TF Selection and Funding of the 24th PPL	1/17/15	1/17/15	5,583	9,679	0	3,702	1,502	0	4,632	5,218	10,402	0	40,718
PL	24700	PPL 24 Report Development	2/17/15	7/29/15	50,225	2,687	0	1,862	0	0	0	383	608	0	55,766
		FY15 Subtotal PPL 24 Tasks			**58,688**	**19,083**	**0**	**7,393**	**3,755**	**0**	**7,584**	**9,760**	**14,235**	**0**	**120,497**
PPL 25 TASKS															
PL	**25200**	**Development and Nomination of Projects**													
PL	25210	CPRA/USGS prepares base maps of project areas, location of completed projects and projected loss by 2050. Develop a comprehensive coastal LA map showing all water resource and restoration projects	10/12/14	1/4/15	1,038	0	0	4,067	0	0	0	383	0	0	5,488
PL	25220	Sponsoring agencies prepare fact sheets (for projects and demos) and maps prior to and following RPT nomination meetings.	10/13/14	2/15/15	65,118	33,584	0	9,652	0	0	36,520	95,340	23,749	0	263,963
PL	25230	RPT's meet to formulate and combine projects.	1/26/15	1/28/15	21,068	14,926	0	10,548	4,506	0	8,928	12,743	12,800	0	85,519
PL	**25300**	**Ranking of Nominated Projects**													
PL	25320	Engr Work Group prepares preliminary fully funded cost ranges for nominees.	3/4/15	3/21/15	1,217	2,687	0	4,437	0	0	4,928	7,108	5,310	0	25,687
PL	25330	Environ/Engr Work Groups review nominees	4/1/15	4/1/15	1,376	8,359	0	4,212	2,253	0	3,952	5,882	5,310	0	31,344
PL	25340	WGs develop and P&E distributes project matrix	3/31/15	3/31/15	1,427	3,188	0	2,658	0	0	3,520	209	3,256	0	14,258
PL	25350	TC selection of new PPL candidates and demo candidates	4/14/15	4/14/15	2,491	3,687	0	2,847	2,253	0	3,916	3,589	7,964	0	26,747

Coastal Wetlands Planning, Protection, and Restoration Act
Fiscal Year 2015 Planning Schedule and Budget
P&E Committee Recommendation,
Tech Committee Recommendation,
Task Force Approval,

4/3/2014

Carry Over Funds	$262,387

CWPPRA COSTS															
TASK			Duration		Dept of Defense	Department of Interior		State of Louisiana			EPA	Department of Agriculture	Department of Commerce		
Task Category	Task No.	Description	Start Date	End Date	USACE	USFWS	NWRC	CPRA	LDWF	GOCA	EPA	NRCS	NMFS	Other	Total
PL	**25400**	**Analysis of Candidates**													
PL	25410	Sponsoring agencies coordinate site visits for all projects	5/2/15	7/14/15	38,057	28,437	0	17,391	15,019	0	35,244	41,287	32,340	0	207,774
PL	25420	Engr/Environ Work Group refine project features and determine boundaries	5/2/15	9/29/15	8,902	16,792	0	9,321	15,019	0	5,904	8,052	12,800	0	76,790
PL	25430	Sponsoring agencies develop project information for WVA; develop designs and cost estimates (projects and demos)	5/2/15	9/29/15	39,683	42,149	0	37,992		0	40,684	61,943	56,804	0	279,255
PL	25440	Environ/Engr Work Groups project-wetland benefits (with WVA)	5/2/15	9/29/15	28,655	26,867	0	15,402	6,759	0	18,464	10,282	39,798	0	146,227
PL	25450	Engr Work Group reviews/approves cost estimates from sponsoring agencies, incl cost estimates for demos	5/2/15	9/29/13	15,560	6,427	0	8,179	0	0	11,408	4,282	15,929	0	61,785
PL	25460	Economic Work Group reviews cost estimates, adds monitoring, O&M, etc., and develops annualized costs	5/2/15	10/14/15	17,264	1,717	0	1,630	0	0		7,963	5,310	0	33,884
PL	25480	Prepare project information packages for P&E.	5/2/15	11/9/15	8,298	7,836	0	2,483	0	0	1,968	189	5,310	0	26,085
		FY15 Subtotal PPL 25 Tasks			**250,154**	**196,656**	**0**	**130,819**	**45,809**	**0**	**175,436**	**259,253**	**226,679**	**0**	**1,284,807**
Project and Program Management Tasks															
PM	25100	Program Management Coordination, Budget Develpmenent and Oversight	10/1/14	9/30/15	643,959	144,233	39,568	103,105	12,767	0	250,710	213,000	203,670	0	1,611,011
PM	25200	Program and Project Management--Financial Management of Non-Cash Flow Projects	10/1/14	9/30/15	66,767	10,821		17,718	0	0	0	19,182	24,750	0	139,238
PM	25300	P&E Meetings (meetings preparation and attendance)	10/1/14	9/30/15	23,427	9,679	2,895	5,291	4,506	0	11,616	13,836	15,057	0	86,308
PM	25400	Tech Com Mtngs (meetings including public and off-site; preparation and attendance)	10/1/14	9/30/15	140,318	29,852	4,825	17,303	11,265	0	12,352	17,719	26,840	0	260,475
PM	25500	Task Force mtngs (meetings, including public and executive session; preparation and attendance)	10/1/14	9/30/15	154,073	33,584	8,619	24,151	9,012	0	20,528	31,715	43,218	0	324,900
PM	25600	Agency Participation, Review 30% and 95% Design for Projects	10/1/14	9/30/15	59,982	11,941	0	10,347	0	0	14,784	6,172	12,800	0	116,026
PM	25700	Engineering & Environmental Work Groups review	10/1/14	9/30/15	12,761	11,941	0	5,956	10,512	0	3,937	6,769	12,800	0	64,676
PM	25800	Miscellaneous Technical Support	10/1/14	9/30/15	52,953	10,075	0	81,406	0	0	35,000	50,107	40,000	0	269,541
		FY15 Subtotal Project Management Tasks			**1,154,240**	**262,126**	**55,907**	**265,277**	**48,062**	**0**	**348,926**	**358,501**	**379,136**	**0**	**2,872,175**
		FY15 Total for PPL Tasks			**1,463,082**	**477,865**	**55,907**	**403,489**	**97,626**	**0**	**531,947**	**627,514**	**620,049**	**0**	**4,277,479**

Coastal Wetlands Planning, Protection, and Restoration Act
Fiscal Year 2015 Planning Schedule and Budget
P&E Committee Recommendation,
Tech Committee Recommendation,
Task Force Approval,

4/3/2014

Carry Over Funds	$262,387

					CWPPRA COSTS										
TASK			Duration		Dept of Defense	Department of Interior		State of Louisiana			EPA	Department of Agriculture	Department of Commerce		
Task Category	Task No.	Description	Start Date	End Date	USACE	USFWS	NWRC	CPRA	LDWF	GOCA	EPA	NRCS	NMFS	Other	Total
SUPPLEMENTAL PLANNING AND EVALUATION TASKS															
SPE	25100	Academic Advisory Group [NOTE: New MOA between USGS and LUMCON] [Prospectus, pg 5-7]	10/1/14	9/30/15	0	0	0	0	0	0	0	0	0	112,200	112,200
SPE	25200	Core GIS Support for CWPPRA Task Force Planning Activities. [NWRC Prospectus]	10/1/14	9/30/15	0	0	146,340	0	0	0	0	0	0	0	146,340
SPE	25300	Prepare 2015 Evaluation Report (Report to Congress)	10/1/14	9/30/15	6,540	6,540	81,750	3,270	0	0	3,270	3,725	3,725	1,180	110,000
		FY15 Total Supplemental Planning & Evaluation Tasks			**6,540**	**6,540**	**228,090**	**3,270**	**0**	**0**	**3,270**	**3,725**	**3,725**	**113,380**	**368,540**
		FY15 Agency Tasks Grand Total			**1,469,622**	**484,405**	**283,997**	**406,759**	**97,626**	**0**	**535,217**	**631,239**	**623,774**	**113,380**	**4,646,019**
Otrch	24100	Outreach - Committee Funding	10/1/14	9/30/15	0	0	0	0	0	0	0	0	0	395,000	395,000
Otrch	24200	Outreach - Agency	10/1/14	9/30/15	6,600	3,300	14,500	6,600	0	0	6,600	6,600	6,600	0	50,800
		FY15 Total Outreach			**6,600**	**3,300**	**14,500**	**6,600**	**0**	**0**	**6,600**	**6,600**	**6,600**	**395,000**	**445,800**
		Grand Total FY15			**1,476,222**	**487,705**	**298,497**	**413,359**	**97,626**	**0**	**541,817**	**637,839**	**630,374**	**508,380**	**5,091,819**

NOTE: Transfer of funds between tasks is allowed as long the total budgeted amount per agency is not exceeded. Federal and State agencies shall abide by their fiscal accounting policies.

Coastal Wetlands Planning, Protection and Restoration Act

Fiscal Year 2015 Budget Summary

P&E Committee Recommendation,
Technical Committee Recommendation,
Task Force Approval,

	FY2010 Amount ($)	FY2011 Amount ($)	FY2012 Amount ($)	FY2013 Amount ($)	FY2014 Amount ($)
General Planning & Program Participation [Supplemental Tasks Not Included]					
State of Louisiana					
CPRA	406,866	405,866	405,866	405,866	403,489
LDWF	96,879	99,879	99,879	99,879	97,626
Gov's Ofc	94,800	54,000	54,000	54,000	54,000
Total State	598,545	559,745	559,745	559,745	555,115
EPA	505,297	505,297	505,297	533,495	531,947
Dept of the Interior					
USFWS	496,918	479,918	479,918	479,918	477,865
NWRC	63,656	55,907	55,907	55,907	55,907
Total Interior	560,574	535,825	535,825	535,825	533,772
Dept of Agriculture	630,302	630,302	630,302	630,301	627,514
Dept of Commerce	621,080	621,081	621,081	621,080	620,049
Dept of the Army	1,471,688	1,468,497	1,468,497	1,468,497	1,463,082
Agencies Total	**$4,387,486**	**$4,320,746**	**$4,320,747**	**$4,348,943**	**$4,331,479**
Outreach					
Outreach	487,148	452,400	452,400	452,400	445,800
Supplemental Tasks					
Academic Advisory Group	133,650	112,200	112,200	112,200	112,200
Database & Web Page Link Maintenance	64,153				
Linkage of CWPPRA & LCA					
Core GIS Support for Planning Activities	307,249	167,327	157,295	146,340	146,340
Evaulation Report to Congress			110,000		
Workshop Construction Projects					
Total Supplemental	**$505,052**	**$279,527**	**$379,495**	**$258,540**	**$258,540**
Total Allocated	**$5,379,686**	**$5,052,672**	**$5,152,642**	**$5,059,883**	**$5,035,819**
Unallocated Balance					
Total Unallocated $262,387					

						03-Apr-14				
		Coastal Wetlands Planning, Protection and Restoration Act								
			FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	
		Total	Amount ($)	Amount ($)	Amount ($)	Amount ($)	Amount ($)	Amount ($)	Amount ($)	
General Planning & Program Participation										
State of Louisiana										
	CPRA	9,984,900	412,736.00	406,866.00	405,866.00	405,866.00	405,866.00	403,489.00	403,489.00	
	LDWF	1,619,857	64,800.00	9,499.03	54,000.00	54,000.00	99,879.00	97,626.00	97,626.00	
	GOCA	1,120,357	96,879.00	96,879.00	99,879.00	99,879.00	54,000.00	54,000.00	0.00	
Total State		12,725,115	574,415.00	513,244.03	559,745.00	559,745.00	559,745.00	555,115.00	501,115.00	
EPA		10,404,376	453,594.34	505,297.00	505,297.00	505,297.00	533,494.54	531,947	531,947	
Dept of the Interior										
	USFWS	9,234,476	488,195.19	496,918.00	479,918.00	479,918.00	479,918.00	477,865.00	477,865.00	
	NWRC	2,144,782	63,656.00	63,607.26	55,907.00	55,907.00	55,907.00	55,907.00	55,907.00	
Total Interior		11,983,981	551,851.19	560,525.26	535,825.00	535,825.00	535,825.00	533,772	533,772	
Dept of Agriculture		13,809,629	609,650.00	630,302.00	630,302.00	630,302.00	630,302.00	627,514	627,514	
Dept of Commerce		11,761,088	602,425.00	621,080.00	621,081.00	621,081.00	621,081.00	620,049	620,049	
Dept of the Army		27,302,675	1,455,344.00	1,471,688.00	1,468,497.00	1,468,497.00	1,468,497.00	1,463,082	1,463,082	
Agency Total		87,986,864	4,247,279.53	4,302,136.29	4,320,746.00	4,320,746.00	4,348,944	4,331,479	4,277,479	

						03-Apr-14				
		Coastal Wetlands Planning, Protection and Restoration Act								
			FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	
		Total	Amount ($)	Amount ($)	Amount ($)	Amount ($)	Amount ($)	Amount ($)	Amount ($)	
Miscellaneous Funding										
Public Outreach		7,985,877	516,310.00	487,148.00	452,400.00	452,400.00	452,400.00	445,800.00	445,800.00	
Gen Program		180,089								
Coordinator		1,863,474	94,340.70	79,440.20	216,000.00	216,000.00	216,000.00	216,000.00	216,000.00	
Outreach Assistant / Educational Specialist		560,017	77,949.00	55,238.68						
NWRC Administration		304,016	26,200.00	24,199.99	14,500.00	14,500.00	14,500.00	14,500.00	14,500.00	
Agency Assistance - COE		84,770	6,583.68	4,361.42	6,600.00	6,600.00	6,600.00	6,600.00	6,600.00	
Agency Assistance - EPA		78,000	6,600.00	6,600.00	6,600.00	6,600.00	6,600.00	6,600.00	6,600.00	
Agency Assistance - FWS		34,255	2,427.84	3,290.47	3,300.00	3,300.00	3,300.00	3,300.00	3,300.00	
Agency Assistance - NMFS		82,772	6,600.00	6,514.69	6,600.00	6,600.00	6,600.00	6,600.00	6,600.00	
Agency Assistance - NRCS		85,982	6,597.43	6,600.00	6,600.00	6,600.00	6,600.00	6,600.00	6,600.00	
Agency Assistance - DNR		65,609	0.00	6,600.00	6,600.00	6,600.00	6,600.00	6,600.00	6,600.00	
Agency Assistance - Ofc of Gov		27,073	0.00	0.00	6,600.00	6,600.00	6,600.00	0.00	0.00	
Contractual Support		249,495	21,028.81	21,500.00	21,000.00	21,000.00	21,000.00	21,000.00	21,000.00	
Watermarks (Development & Printing)		1,176,658	87,259.80	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	
Watermarks (Distribution)		111,258	11,257.79	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	
Articles for Print-Writing & Public Pubs		8,100				2,700.00	2,700.00	2,700.00	2,700.00	
Dedication Support		54,730	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	
Video & Photo Acquisition (USGS/BTNEP)		51,900			15,000.00	12,300.00	12,300.00	12,300.00	12,300.00	
Product Reproduction		193,668	0.00	24,618.11	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	
Conference / Exhibits		163,627	9,000.00	8,000.00	14,000.00	24,000.00	24,000.00	24,000.00	24,000.00	
Legislative Education (USGS/NOAA)		40,000			10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	
Sidney Coffee		32,000								
Total Outreach		7,534,104	432,127.34	423,263.56	452,400.00	452,400.00	452,400.00	445,800.00	445,800.00	

						03-Apr-14				
		Coastal Wetlands Planning, Protection and Restoration Act								
			FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	
		Total	Amount ($)	Amount ($)	Amount ($)	Amount ($)	Amount ($)	Amount ($)	Amount ($)	
Academic Advisory Group		1,992,887	112,200.00	133,650.00	112,200.00	112,200.00	112,200.00	112,200.00	112,200.00	
Report to Congress		0							110,000.00	
Core GIS Support for Planning Activities (NWRC)		2,904,261	296,294.00	296,294.00	156,372.00	146,340.00	146,340.00	146,340.00	146,340.00	
Core GIS Support for Planning Activities (DNR)		114,183	10,955.00	10,955.00	10,955.00	10,955.00	10,955.00	0.00	0.00	

						03-Apr-14				
		Coastal Wetlands Planning, Protection and Restoration Act								
			FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	
		Total	Amount ($)	Amount ($)	Amount ($)	Amount ($)	Amount ($)	Amount ($)	Amount ($)	
Total Miscellaneous		11,228,030	594,850.05	505,050.45	279,527.00	379,495.00	269,495.00	258,540.00	368,540.00	
Total Allocated		**119,737,613**	**5,358,440**	**5,294,335**	**5,052,673**	**5,152,641**	**5,070,839**	**5,035,819**	**5,091,819**	
Unallocated Balance		**262,387**	(358,440)	(294,335)	(52,673)	(152,641)	(70,839)	(35,819)	(91,819)	
Funds Allocated		**120,000,000**	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	
Total Funds Allocated (Cumulative)			90,000,000	95,000,000	100,000,000	105,000,000	110,000,000	115,000,000	120,000,000	

CWPPRA FY 2015
Public Outreach Budget
DRAFT

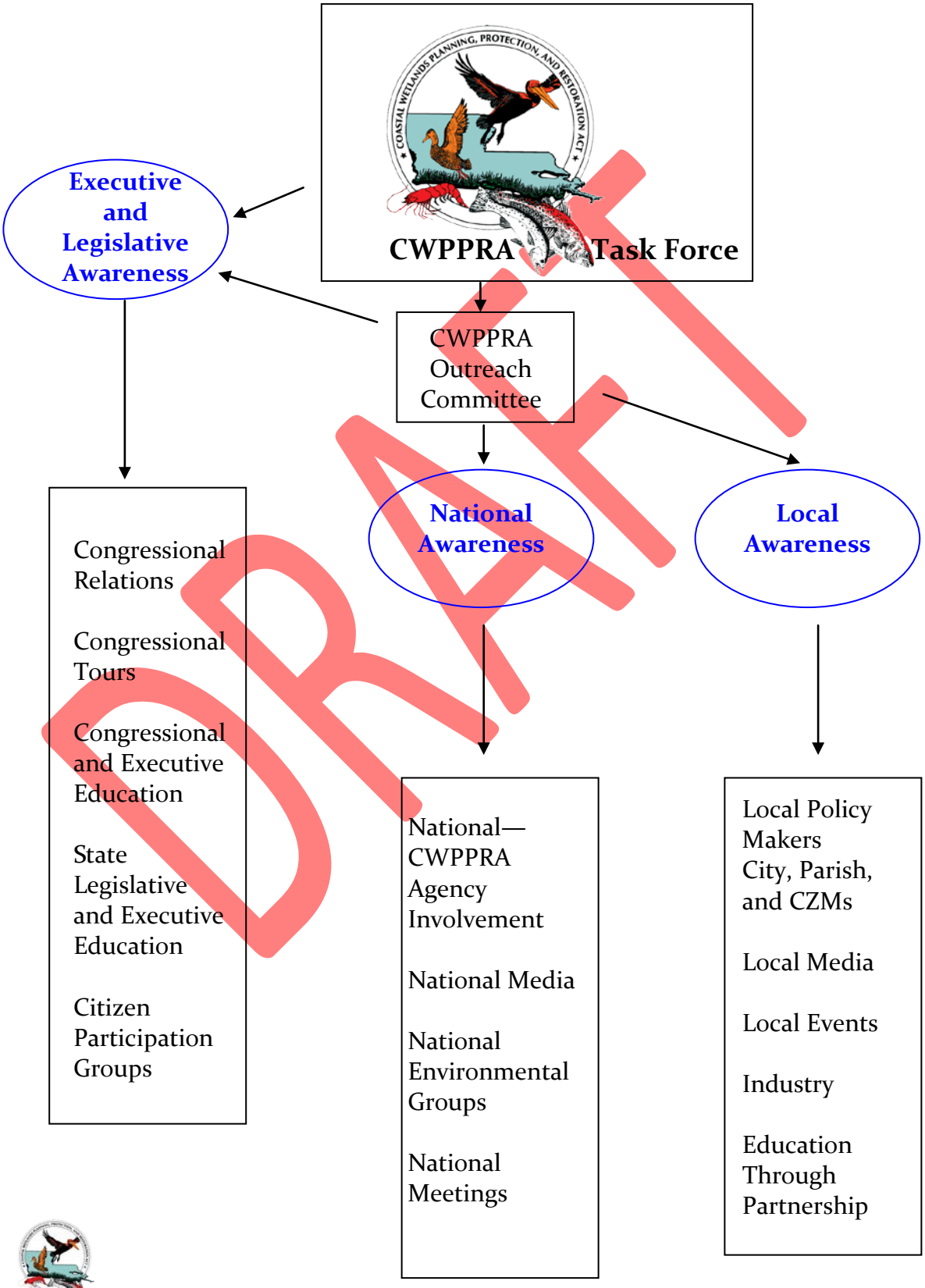
COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

RESTORING COASTAL LOUISIANA SINCE 1990

MANAGING AGENCIES :

Includes:
CWPPRA Audience Chart
Line Items of Budget – One per page
CWPPRA 2015 Public Outreach Budget Summary Sheet

CWPPRA Audiences



Line Item: CWPPRA Web site –www.LACoast.gov

CWPPRA Funding Request: *$0 requested from Outreach budget-funding from construction budget (Identical to last year)*
Web Application Developer / Applications Security Services and Web Server Hardware and Software Maintenance

Time Line: *October 1, 2014 – September 30, 2015*

Brief Description:

This includes the web server hardware and software, system management, backup and recovery maintenance, and ongoing programming efforts for the www.LaCoast.gov web site. This site 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. This funding also includes the cost related to storing and distributing WaterMarks, fact sheets, videos, legislative links, educational materials, social media, and CWPPRA Newsflash via the web. It includes daily maintenance and update of text and links. The LaCoast.gov web site is an interface between the public and the program.

Goal:

- Maintain the LaCoast.gov web site on CWPPRA projects and activities

Objectives:

- Provide the public with research-based information about CWPPRA and CWPPRA projects.
- Provide a digital copy of information that highlights the programs successes and activities
- Provide a tool to share information with others about CWPPRA activities
- Provide a resource for a variety of audiences including media, federal agencies, legislative audiences, educators, and general public
- Provide current and historic information related to CWPPRA and wetland loss and restoration

Deliverables:

- Summary of CWPPRA Web site activities (Three times per year-at Task Force Meetings)

Line Item: CWPPRA Dedication Ceremony

CWPPRA Funding Request: *$ 4,000 (agency TBA)*

Time Line: *October 1, 2014 – September 30, 2015*

Brief Description:

This amount includes costs associated with the planning and coordination of one CWPPRA Dedication Ceremony. It includes amounts related to the printing of invitations, posters, programs and the production of photographs that record the event.

Goal:

- Annually host one CWPPRA dedication to provide a variety of audiences a chance to have a hands-on experience with CWPPRA.

Objectives:

- Provide the public, media, legislative delegates, federal agency staff, and CWPPRA agency staff with an opportunity to visit a CWPPRA project, meet CWPPRA project managers and scientists, and learn more about CWPPRA activities

Deliverables:

- Digital and hard copy of invitations
- Digital and hard copy of posters related to CWPPRA projects being highlighted
- Digital and hard copy of the programs for the dedication
- Digital photographs that record the event

Line Item: Federal and State Legislative Education

CWPPRA Funding Request: *$0 CWPPRA Outreach Staff Time and Local Travel Only*
Time Line: *October 1, 2014 – September 30, 2015*

Brief Description:

This includes preparing an organized approach to meeting and educating several of the Nation's and Louisiana's legislative delegates in their home offices outside of the annual session or during session upon request.

Targeted delegates include those working on one or more of the following committees:

Natural Resource Committee – Senate
Select Committee on Coastal Restoration and Flood Control – Senate
Environment Quality-Senate
Natural Resources and the Environment – House
Joint Legislative Committee on the Budget

Materials that will be prepared for the federal legislative audience will also be used with Louisiana state delegates.

Goal:

- To reach the legislative audience in a concentrated and targeted approach to education on land loss, the restoration and preservation of Louisiana wetlands, and CWPPRA's role in restoration for the last 20 years
- To explain the organizational and fiscal structure of CWPPRA
- To explain the citizen involvement role in coastal restoration

Objectives:

- To provide contemporary delegates with current up to date information about CWPPRA and the CWPRRA program activities and projects
- To create effective CWPPRA briefing packets
- Create appropriate digital and hard copies of materials
- To deliver materials to state legislative delegates in a face to face meeting
- Create a resource for legislative delegates

Deliverables:

- Digital copy of materials created
- Digital copy of briefing packets
- Digital copy of list of meeting that CWPPRA outreach staff and agency partners participate in

Line Item: Meeting Attendance, Exhibits, and Travel

CWPPRA Funding Request: *$ 24,000 (Example: USGS or NOAA)*

Time Line: *October 1, 2014 – September 30, 2015*

Brief Description:

This amount includes costs associated with support of at least one national discussion and up to two state symposia to be identified by the CWPPRA Task Force in conjunction with the CWPPRA Public Outreach Committee. These funds support all of the CWPPRA agencies and the appropriate agency will facilitate transfer. (Example: NOAA has used funds to help with RAE and CNREP) Exhibits and presentations provide excellent venues for CWPPRA public outreach efforts to reach a concentrated, target audience that is highly involved in the preservation and restoration of America's coastal lands as well as to provide CWPPRA with an opportunity to reach out to other people inside the CWPPRA managing federal agencies in attendance. Support from CWPPRA for past sessions have led to many partnerships with entities that have helped with collaborative outreach efforts. This amount includes all cost associated with meetings, exhibition, and symposium participation. It includes the cost for registration, exhibit space, display shipping and handling, and any other fees associated with regional events.

Goal:

- To reach a concentrated and target audience that specific interest in the restoration and preservation of Louisiana wetlands
- To reach a audiences including partner agency personnel that are unaware of CWPPRA and the restoration and preservation of Louisiana wetlands
- Provide hard copies of materials to various audiences including industry, the general public, NGOs, and CWPPRA partnering agency staff unfamiliar with the CWPPRA program

Objectives:

- Provide the scientifically accurate information about CWPPRA in a meeting setting preferably one national and one state meeting
- Exhibit and present where appropriate in order to provide accurate information about CWPPRA

Deliverables:

- Digital and hard copy of list of meetings, exhibits, and presentations

Line Item: CWPPRA Product Creation and Reproduction

CWPPRA Funding Request: *$21,000 (USDA NRCS)*

Time Line: *October 1, 2014 – September 30, 2015*

Brief Description:

This includes all cost associated with production, or reproduction, of materials and products used for CWPPRA education and public outreach efforts. The amount is used to produce: Videos, CD-ROMS, Fact Sheets, Slide Shows, PowerPoint Presentations, Posters, Brochures, etc. These funds go through USDA NRCS to a GPO contractor

Goal:

- To reach a concentrated and target audience that specific interest in the restoration and preservation of Louisiana wetlands
- To reach a audiences that are unaware of CWPPRA and the restoration and preservation of Louisiana wetlands

Objectives:

- Provide hard copies of materials to various audiences

Deliverables:

- Digital and hard copy of list of Meeting, exhibits, and presentations etc.
- Digital and hard copy of list of materials printed

Examples of possible materials to be printed:

Proposed New Children's Activity Booklet
CWPPRA Fact Sheets
CRMS Beginner's Guide
Turning the Tide Curriculum document
I Remember… Louisiana Reflections and Stories of the Past materials

Line Item: Special Projects (such as photo, video, writing)

CWPPRA Funding Request: *$5,000 (LUMCON)*

Time Line: *October 1, 2014 – September 30, 2015*

Brief Description:

Work with professional photographer or writer to create new outreach products of interest for publications. Also, provides funding for the annual outdoor writers awards event.

Goal:

- To provide the public with a lay person's view of coastal restoration activities performed by CWPPRA and their value to the nation.

Objectives:

- Provide digital copies of photos, videos, or writing for various audiences

Deliverables:

- Digital copy of list of articles
- Digital and hard copy of the articles

Line Item: CWPPRA Fact Sheets

CWPPRA Funding Request: *$0 Part of printing budget and CWPPRA Staff salaries*
Time Line: *October 1, 2014– September 30, 2015*

Brief Description:

This includes: the creation and update of the CWPPRA fact sheet, posting fact sheets to the Web and printing fact sheets.

Goal:

- To reach a concentrated and target audience that specific interest in the restoration and preservation of Louisiana wetlands
- To reach a audiences that are unaware of CWPPRA and the restoration and preservation of Louisiana wetlands

Objectives:

- Provide digital and hard copies of fact sheets to various audiences

Deliverables:

- Digital and hard copy of fact sheets

Line Item: WaterMarks

CWPPRA Funding Request: *$ 80,000*
($60,000 –USDA NRCS - Development and Printing)
($20,000 - USACE - Mailing and Distribution)
Time Line: *October 1, 2014 – September 30, 2015*

Brief Description:

This includes all cost associated with the current approved contract for the production of CWPPRA's "WaterMarks." The cost includes writing, layout and design, printing and mailing. The publishing is managed by USDA NRCS, and the amount includes all fees associated with the printing of the publication through the US Government Printing Office and the contract to Koupal Communications - currently responsible for the: planning, information gathering and research, detailed content outline, writing, editing, submission of material, graphic design services, editorial and graphics standards, and pre-flight file. All cost associated with the mail-out preparation and distribution of the WaterMarks publication is currently managed by the USACE with the database of over 7,500 addresses that receive each published newsletter by mail.

Goal:

- Create two full color, 16-page informational magazine per year. These magazines can be used in a variety of venues and for a variety of audiences.

Objectives:

- Provide the public with research-based information about CWPPRA and CWPPRA projects.
- Provide a hard copy of information that highlights the programs successes
- Provide a tool to share information with others

Deliverables:

- **2 issues of WaterMarks per calendar year**
- **13,500 copies or a total of 27,000 copies per year distributed to various users**
  That works out to $2.96 or almost $3 per issue.

The WaterMarks are distributed as follows: USACE receives 8,500 directly. Of those 8,000, about 7,000 are mailed out directly by the USACE to members of the public who are on the mailing list. CPRA receives 1,000 copies. USDA NRCS receives 1,000 copies CWPPRA Outreach Staff receives 3,000 copies and they are mailed out or brought to various partners including: NOAA, USFWS, CRCL, LSU Ag Center, EPA, BTNEP, LA Sea

Grant, LSU Ed. Theory Dept., UNO PIES, CCA, Audubon Zoo, USGS NWRC, LDWF, and Lafourche Parish Tourist Commission.

Line Item: CWPPRA Student Worker

CWPPRA Funding Request: *$23,000 (USGS)*

Time Line: *October 1, 2014 – September 30, 2015*

Brief Description:

This amount includes all cost associated with the salary, and management over-head rates for one part-time student worker; and the mailing of materials requested through CWPPRA's public outreach office. The student worker provides support and assistance to the Outreach Coordinator and Media Specialist by monitoring media clips, responding to material requests, and conducting any other administrative tasks that may help improve outreach efforts. The amount also includes costs allocated to mail materials to the public, managing agencies, partners and anyone else who requests information on CWPPRA.

Goal:

- To provide support to CWPPRA program for outreach activities

Objectives:

- Provide quick responses to requests for materials
- Provide support for preparation of outreach activities

Deliverables:

- List of mail outs organized by student worker
- Digital and hard copy of timesheet for student worker
- Quarterly report of student activities

Line Item: CWPPRA Public Outreach Staff

CWPPRA Funding Request: *$ 238,000 (USGS)*
Time Line: *October 1, 2014 – September 30, 2015*

Brief Description:

Organizes outreach activities through the CWPPRA Public Outreach Committee and CWPPRA Task Force. Position is housed at the National Wetlands Research Center (NWRC) in Lafayette, LA. Responsible for the management of all day-to-day public outreach committee efforts, and acts as the liaison between the public, parish governments, and the various Federal agencies and partners associated with CWPPRA. Provides support for creating outreach/education materials that are distributed and used by a variety of audiences. Providing guidance, expertise, and support in communicating CWPPRA strategies and progress with the public

Works to reach three target audiences: 1) executive and legislative; 2) national leaders and partners; and 3) local leaders, partners and individuals. Audiences include policy-makers, environmental managers, or opinion-leaders, coastal zone environmental managers, civic leaders, educators, state legislators, statewide and national media, our national congressional delegation, CWPPRA committees, national environmental managers, environmental scientists, and energy, navigation, agriculture and tourism leaders.

Provides support for conducting educational and information workshops for teachers and the public. Participate and present at regional and national environmental workshops. Update CWPPRA outreach materials in order to reach target audience. Develop curricula and new outreach material. Update CWPPRA on-line calendar, develop and deliver the Breaux Act Newsflash. Respond to information requests. Work with microcomputer specialist to update current website and electronic educational material. Perform duties associated with outreach coordinator and media specialist.

This includes one full time outreach coordinator, one full time outreach assistant/media specialist, and part time for support of fact sheet development and activities related to text updates and changes.

Deliverable:

- Summary of CWPPRA Web site activities (Three times per year-at Task Force Meetings)
- CWPPRA Newsflash activity
- WaterMarks activities
- Requests for information
- List of media that mentions CWPPRA press releases and other publicity
- Major accomplishments, list of activities, and list of meetings
- Lists of exhibits, presentations, field trips and Meeting
- Active and updated CWPPRA Web site, CWPPRA Newsflash, CWPPRA Calendar, CWPPRA Facebook page, and YouTube site maintained daily or as needed.

Line Item: CWPPRA Public Outreach Committee Personnel by Agency

CWPPRA Funding Request: *$57,400*

NMFS	$6,600
USDA NRCS	$6,600
EPA	$6,600
CPRA	$6,600
USFWS	$3,300
USACE	$6,600
NWRC	$14,500
Time Line:	*October 1, 2014 – September 30, 2015*

Brief Description:
Each agency of the CWPPRA team is represented on the CWPPRA Public Outreach Committee by a member of each of the agencies' staff. The funds identified are used by outreach committee members to attend meetings and review CWPRPA materials. Many CWPPRA Public Outreach Committee members also participate in a variety of outreach events.

Deliverable:

- Minutes from CWPPRA Public Outreach Committee Meetings
- List of deliverables that have been reviewed by the committee members

CWPPRA 2015 Public Outreach Budget Summary

Recommendation to the CWPPRA Task Force

Operations

Description	Agency	FY2015	
CWPPRA Annual Dedication Ceremony	USACE	4,000	
Meeting Attendance, Exhibits, and Related Travel	Ex: USGS or NOAA	24,000	
CWPPRA Product Creation and Reproduction	USDA NRCS	21,000	
Special Projects (such as photo, video, or writing)	LUMCON	5,000	
WaterMarks Development and Printing	USDA NRCS	60,000	
WaterMarks Mailing and Distribution	USACE	20,000	
CWPPRA Student Worker and Mail Out Support	USGS/ ULL	23,000	
CWPPRA Public Outreach Staff	USGS	238,000	
CWPPRA Federal Public Outreach Committee Members			**395,000**
NFMS		6,600	
USDA NRCS		6,600	
EPA		6,600	
CPRA		6,600	
USFWS		3,300	
USACE		6,600	
NWRC		14,500	
		+	**50,800**
Total Budget			**445,800**

United States Department of the Interior
U.S. GEOLOGICAL SURVEY
BIOLOGICAL RESOURCES DIVISION

National Wetlands Research Center

April 2, 2014

Scope of Work

CWPPRA Reoccurring Planning Task: SPE 25400 *Core GIS Support for CWPPRA Task Force Planning Activities – Continuation for FY15*

Description:

The NWRC has provided the Task Force with GIS planning support since 1992. The scope and complexity of this support has increased over the past 19 years and has resulted in the development of a comprehensive GIS that provides the Task Force with annual planning deliverables that include spatial data sets, spatial data analyses, maps, graphics, and technical support. Providing these products and services to the Task Force requires a standardized GIS data management environment and a good deal of coordination with Task Force and Work Group members. The GIS products and technical services provided by the NWRC for CWPPRA Planning are, for the most part "reusable", designed to support multi-scale applications, and form the core of the GIS data sets used to support CWPPRA monitoring, land rights, and engineering activities. The system that we have today represents 23 years of the Task Force's investment in GIS technology, data development, and skilled staff. The NWRC continues to incorporate updated data sets and spatial analytical techniques to support the task force on an annual basis. The existing GIS datasets provide enhanced spatial data development, analyses, and products. The NWRC has continued to incorporate updated techniques and spatial data into the PPL process and will continue to incorporate new data as required to assist the Task Force.

The NWRC requests reauthorization of the Core GIS Support Task for FY15.

CORE NWRC GIS Support for FY15

Task	Description	Cost
SPE 25400	Continuation of Core GIS Support for CWPPRA Task Force Planning Activities	$146,340

Benefits:

- Identifies core CWPPRA Planning GIS support as one reoccurring item, rather than splitting support among various technology or map initiatives introduced on an annual basis.
- Insures continued spatial data maintenance, management, and coordination for Task Force.
- Insures incorporation of new spatial data sets and technologies for Task Force.
    - Examples
        - Provide more detailed PPL project analyses incorporating a wider variety of data types.
        - Provide interactive GIS support at pertinent meetings.

Deliverables: Annual continued core CWPPRA Planning GIS support and products (data, technical support, data coordination, data distribution, and hard copy products) at present levels.

- Regional Planning Team meeting technical support – Region and Basin Maps depicting selected State and CWPPRA projects, on site GIS support for meetings, nominee project analysis as requested by agencies.
- Coastwide voting meeting technical support – Nominee project maps by Region, as well as, for the coast.
- Boundary meeting support – On site GIS support and delineations of project and extended boundaries.
- WVA meeting support – Shoreline and habitat analysis of Candidate projects, an excel workbook containing area numbers by available dataset with supporting trend analyses for updated In Phase and PPL candidate projects, and on site GIS support for meetings.
- Digital maps of the units, including habitat types, land/water boundaries, shoreline analysis, etc. suitable for inclusion based on the WVA template.
- Updated Selected Coastal Restoration Projects map based on new PPL selections.
- Maps for PPL Report to the CWPPRA Task Force.

Point of Contact:

Michelle Fischer, Geographer
USGS – National Wetlands Research Center, Coastal Restoration Field Station
c/o Livestock Show Office, Parker Coliseum, LSU
Baton Rouge, LA 70803
Ph: 225-578-7483
Email: fischerm@usgs.gov

United States Department of the Interior

U.S. GEOLOGICAL SURVEY
BIOLOGICAL RESOURCES DIVISION

National Wetlands Research Center

April 2, 2014

Scope of Work

Technical Services to the CWPPRA Program

Accurate and timely information is critical to large, interagency programs such as CWPPRA for project planning and interacting with the general public. Due to the spatial extent of the CWPPRA program, the number of stakeholders involved, and the amount of Federal and State dollars associated with the program, the continued maintenance of project, GIS, and website data are necessary to ensure the most up to date and accurate data are available. It is the goal of USGS to provide the CWPPRA partners and the public with timely and accurate information about the program and the constructed projects, as well as, aid project managers during project reevaluation.

Project Information Database Maintenance Task Description:

NWRC has created and maintains a real-time, interactive, internet-based data management system, which provides consistent, current programmatic information. This system comprised of several synchronized database components deployed in various locations which serve specific tasks at their respective location ranging from tracking project costs to progress milestones. This information system is currently working with several CWPPRA databases including: Outreach Committee's standardized public project fact sheets, CWPPRA budget analyst reports and databases, the WVA working group spreadsheets, and the USGS CWPPRA project mapping effort. Additionally, the presence of this system allows staff to "database enable" the CWPPRA fact sheets thus allowing the inclusion of real-time information which directly addresses the conflicting information problem.

As security requirements governing federal systems change, there is a need to ensure that the CWPPRA project information database complies with current with information exchange policies wherever a database component is deployed.

As the primary mechanism for integrating databases across the five Task Force agencies and the State of Louisiana, this system is critical to ensure consistent, accurate information exchange and dissemination between the many moving parts of CWPPRA and ensures resources are available to address any problems or user needs in a timely manner.

CWPPRA Website (www.LACoast.gov) Maintenance Task Description:

The CWPPRA website currently provides a continuous online presence for federal/state partners and the general public to access the latest information on CWPPRA, its projects, partners, and other pertinent information related to Louisiana's coastal wetlands conservation and restoration. The LaCoast.gov website is an interface between the public and the program. NWRC utilizes web server hardware and software, and performs system management, backup and recovery

maintenance, and programming efforts for the www.LaCoast.gov website. This task includes storing and distributing WaterMarks, fact sheets, videos, legislative links, and educational materials, as well as, daily maintenance and update of text and links.

GIS Task Description:

During Phase I of a CWPPRA project it may be necessary to reevaluate that project to facilitate a scope change. NWRC provides the project manager with GIS support that consists of spatial data analyses, maps, graphics, and technical support utilizing the most recent spatial data sets available. Providing these products and services to CWPPRA agencies requires a standardized GIS data management environment and a good deal of coordination with those project managers.

Technical Services for FY15

Description	Cost
Project Information Database Maintenance - USGS	$41,710
CWPPRA Website (www.LACoast.gov) Maintenance	$55,000
GIS Support for CWPPRA Constructed Project Activities	$74,700
TOTAL	$171,410

Deliverables:

Project Information Database Maintenance Task

- Programming and database administration
- Data enabling fact sheets
- Federal security review

CWPPRA Website Maintenance Task

- Active and updated CWPPRA website maintained on daily basis
- Summary of CWPPRA website activities (Three times per year at Task Force meetings)

GIS Task

- Updated WVA analysis for In Phase projects
- Fact Sheet maps for In Phase and newly selected PPL projects
- Miscellaneous requests for CWPPRA agencies

Points of Contact:

Craig Conzelamnn, Physical Scientist
USGS - National Wetlands Research Center
700 Cajundome Blvd
Lafayette, LA 70506
work: 337-266-8842
mobile: 337-356-6510
Email: conzelmannc@usgs.gov

Michelle Fischer, Geographer
USGS - National Wetlands Research Center, Coastal Restoration Assessment Branch
c/o Livestock Show Office, Parker Coliseum, LSU
Baton Rouge, LA 70803
Ph: 225-578-7483
Email: fischerm@usgs.gov

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

APRIL 15, 2014

COASTWIDE REFERENCE MONITORING SYSTEM (CRMS) REPORT AND SYSTEM WIDE ASSESSMENT MONITORING PROGRAM (SWAMP)

For Report:

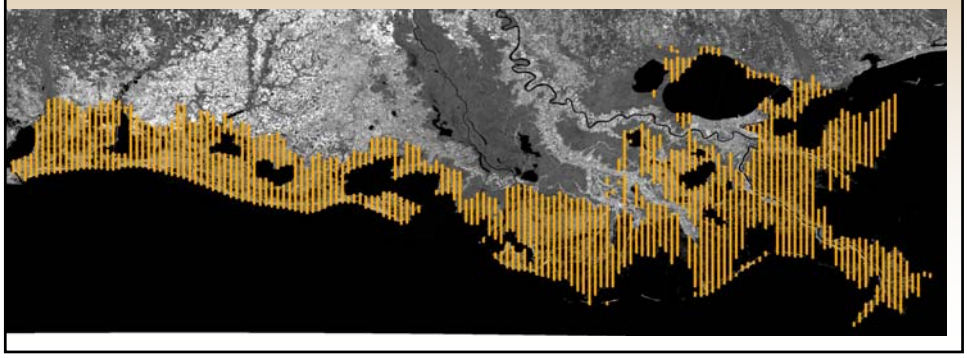
Ms. Dona Weifenbach will provide a report on CRMS, followed by a presentation on SWAMP provided by Rick Raynie.

Coastwide Reference Monitoring System and System-wide Assessment and Monitoring Program

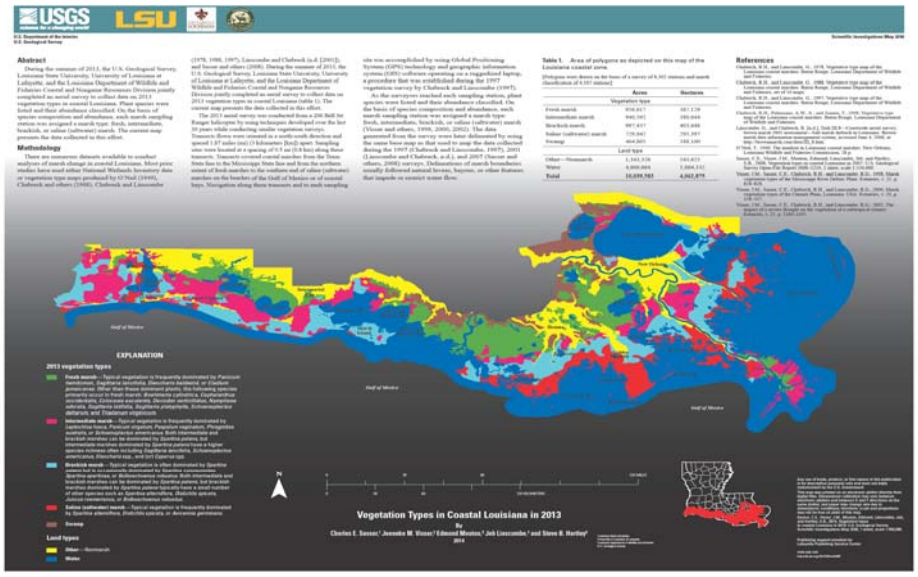
Dona Weifenbach
and
Rick Raynie
Coastal Protection and Restoration Authority
April 15, 2014

2013 Coastwide Vegetation Survey

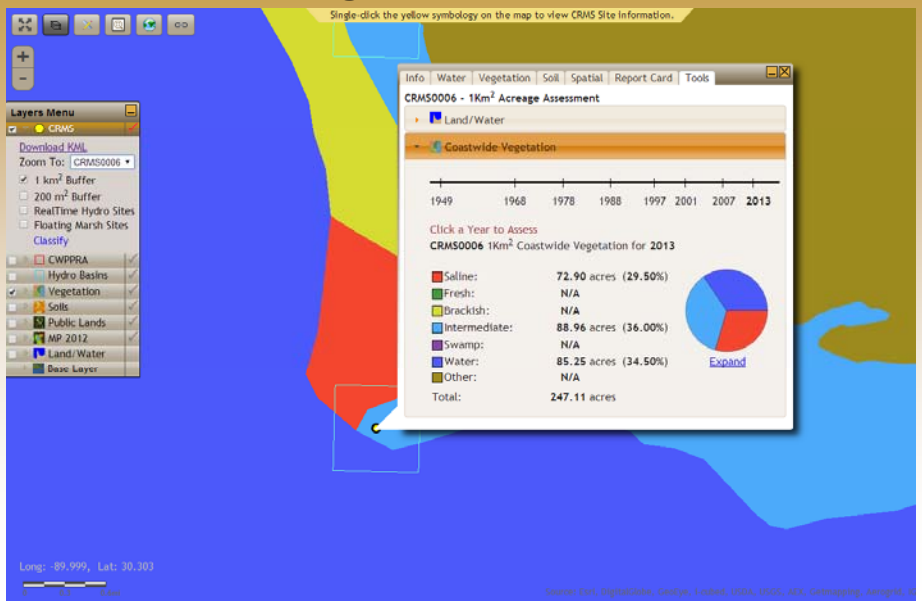
- Approximately 6298 sites
- Consistent methodology with 2007 survey
- Continuation of surveys initiated 1968 by Chabreck et al.
- CRMS collaboration with LDWF, LSU, ULL
- 2013 data collection completed August 9th



2013 Coastwide Vegetation Survey



CRMS Website Vegetation Assessment Tool

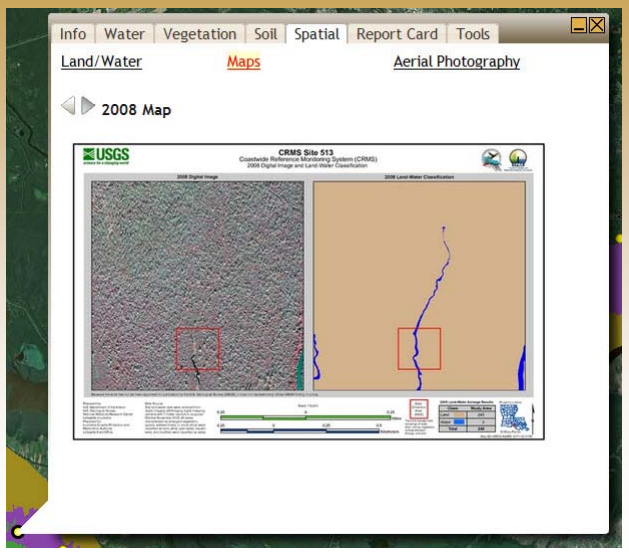


2012 Aerial Photography Review

Automated land/water technique

Currently under review by CPRA regional office staff

Comments to USGS next week



End of 20 Year Project Life: Bayou LaBranche Wetland Creation

Goal: create vegetated wetlands in the Bayou LaBranche project area utilizing sediment dredged from Lake Pontchartrain.

Objective #1: create approx 305 ac of shallow-water habitat

81 ac - 1993
356 ac - 1997
408 ac - 2012

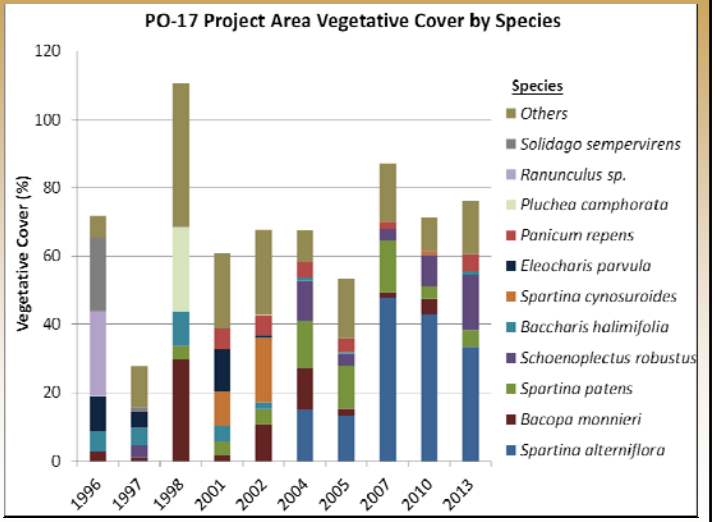
327 ac of land created since construction

End of 20 Year Project Life: Bayou LaBranche Wetland Creation

Objective # 2: Establish emergent wetland vegetation

1996, pioneering, disturbance species such as *Ranunculus* sp. and goldenrod

By 2007, stable marsh community dominated by smooth cordgrass which persists today

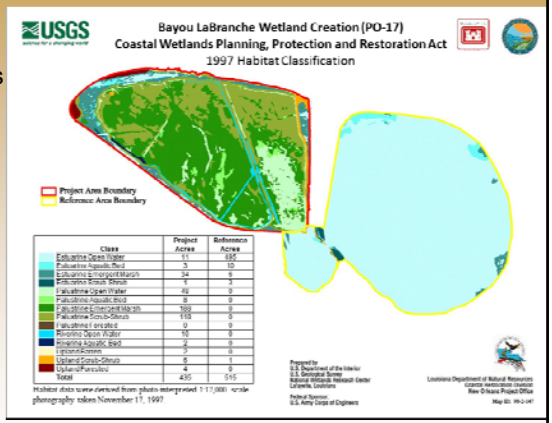


End of 20 Year Project Life: Bayou LaBranche Wetland Creation

Objective #3: create a minimum of 70% emergent marsh within five years

1993 pre-construction
98% estuarine
aquatic bed (57%), open water (25%) and emergent marsh (15%)

1997 post-construction
83% palustrine system, emergent marsh (43%), scrub-shrub (27%) and open water (11%)



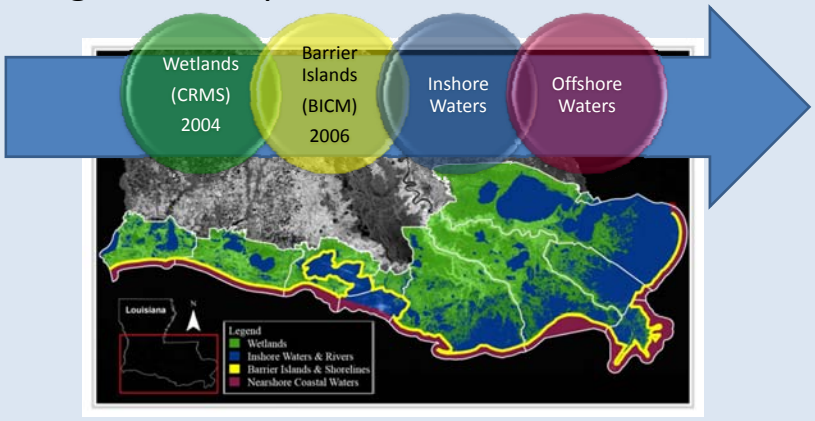
CRMS Implementation Status

Milestones

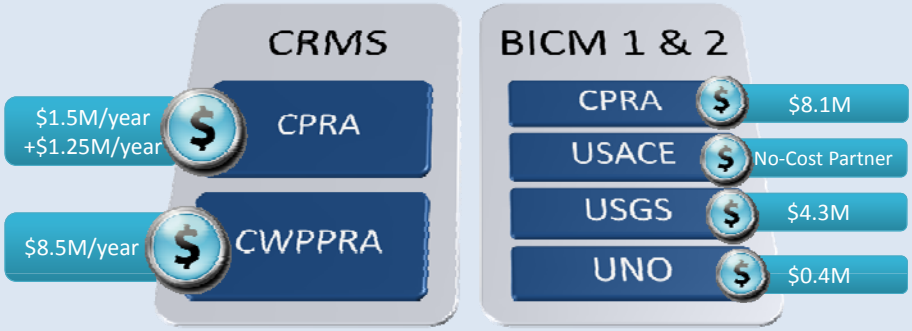
- OM&M Reports in progress for 2014
- 2014 CRMS Roadshows are complete
- Website training scheduled in Baton Rouge on Wednesday, April 30
- CRMS educational website document available
- Coast-wide Elevation Survey of all 390 CRMS sites April – August 2014. Three contractors were selected to perform the work concurrently by regional office. All sites surveyed to NAVD88 Geoid 12a.
  - East 137 sites, John Chance Land Surveys
  - Central, 114 sites, T. Baker Smith
  - West, 139 sites, C&C Technologies
  - Marsh elevations coast-wide, Coastal Estuary Services

Original SWAMP

- Proposed in LCA Chief's Report in 2004
- Original concept was restoration-centric



Two Phases Implemented

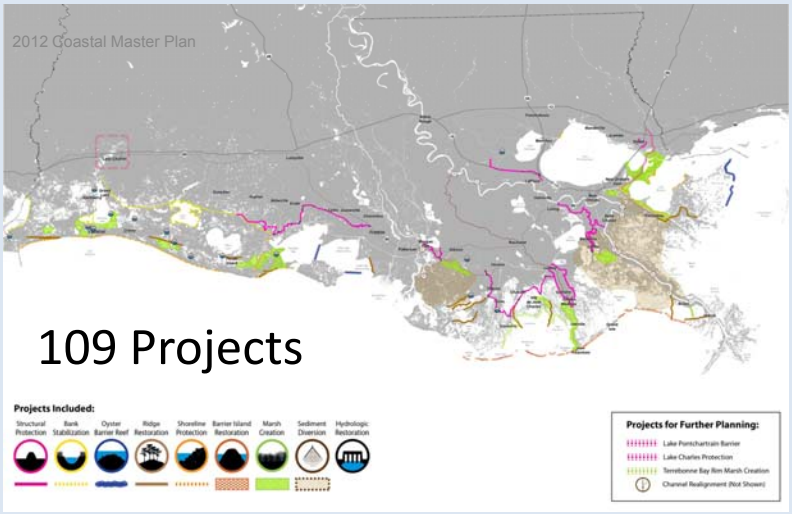


Wetlands Barrier Islands

New SWAMP Vision

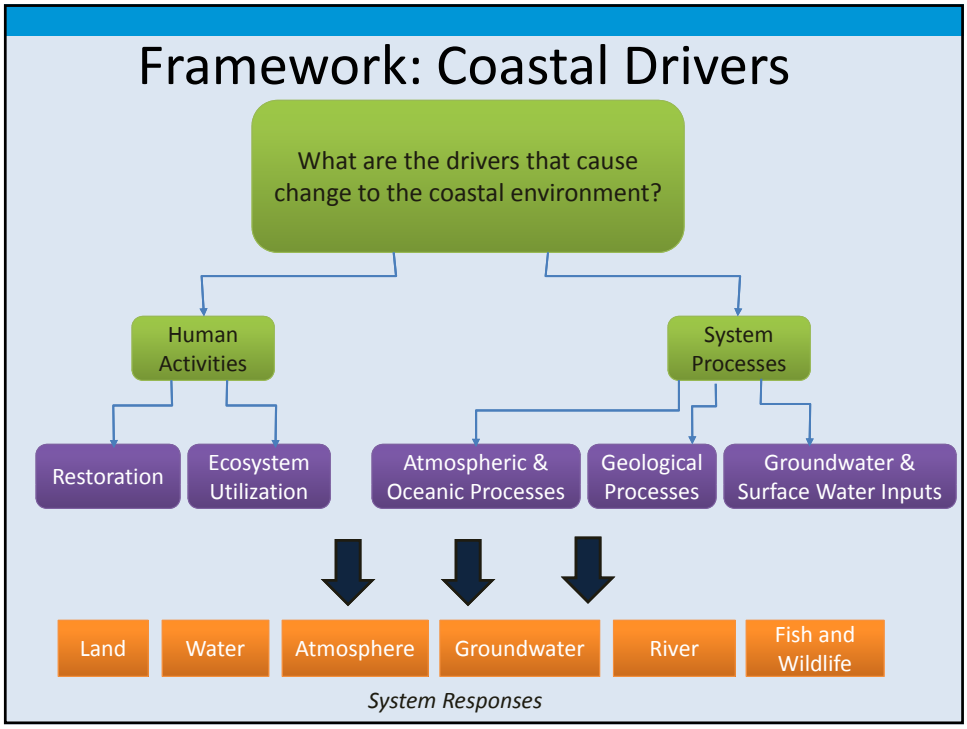
- New vision is for integrated protection and restoration monitoring
- Data network will support Master Plan models, program performance metrics
- Include opportunities for leveraging and partnership among a variety of agencies.

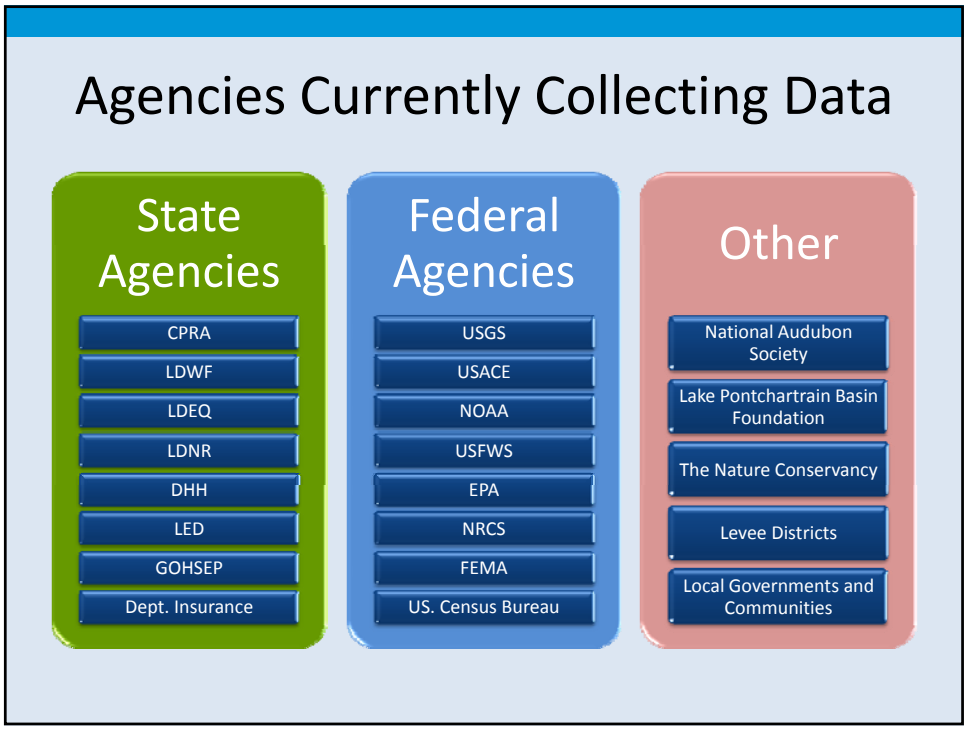
Need for coastwide monitoring



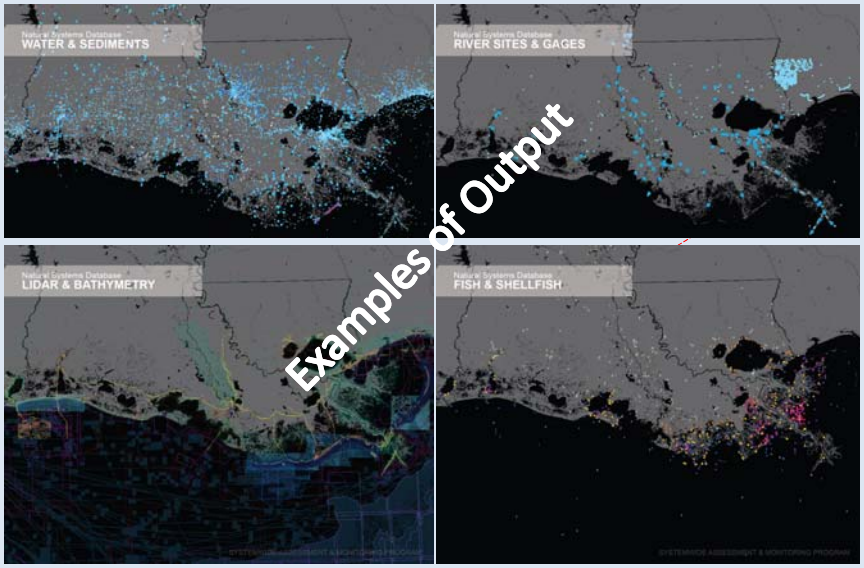
Moving SWAMP Forward

1. Develop a framework that:
   - Identifies the key parameters necessary for understanding the overall coastal system (natural and built) and supporting the coastal protection and restoration program.
2. Develop an inventory of ongoing/active monitoring efforts.


Framework: Coastal Drivers
What are the drivers that cause change to the coastal environment?
Human Activities
System Processes
Restoration
Ecosystem Utilization
Atmospheric & Oceanic Processes
Geological Processes
Groundwater & Surface Water Inputs
Land
Water
Atmosphere
Groundwater
River
Fish and Wildlife
System Responses

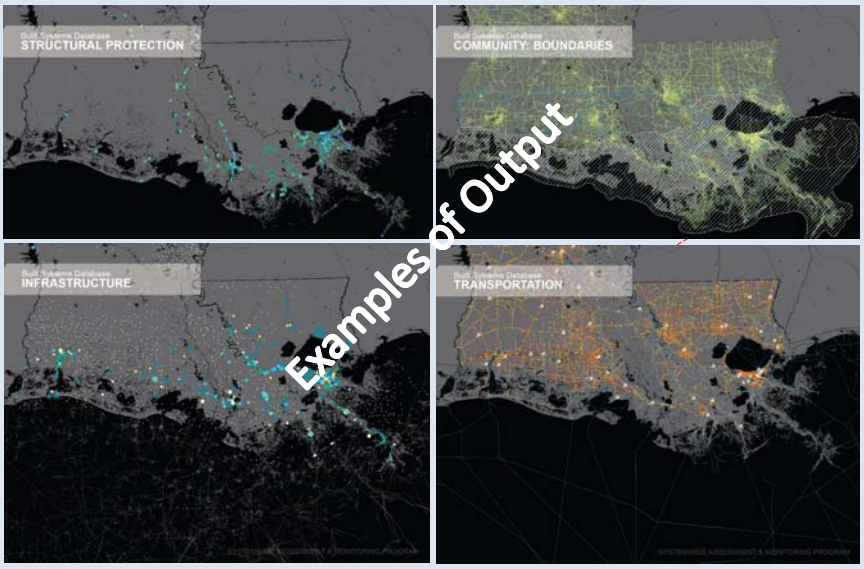

Agencies Currently Collecting Data
State Agencies
CPRA
LDWF
LDEQ
LDNR
DHH
LED
GOHSEP
Dept. Insurance
Federal Agencies
USGS
USACE
NOAA
USFWS
EPA
NRCS
FEMA
US. Census Bureau
Other
National Audubon Society
Lake Pontchartrain Basin Foundation
The Nature Conservancy
Levee Districts
Local Governments and Communities

SWAMP Data Inventory

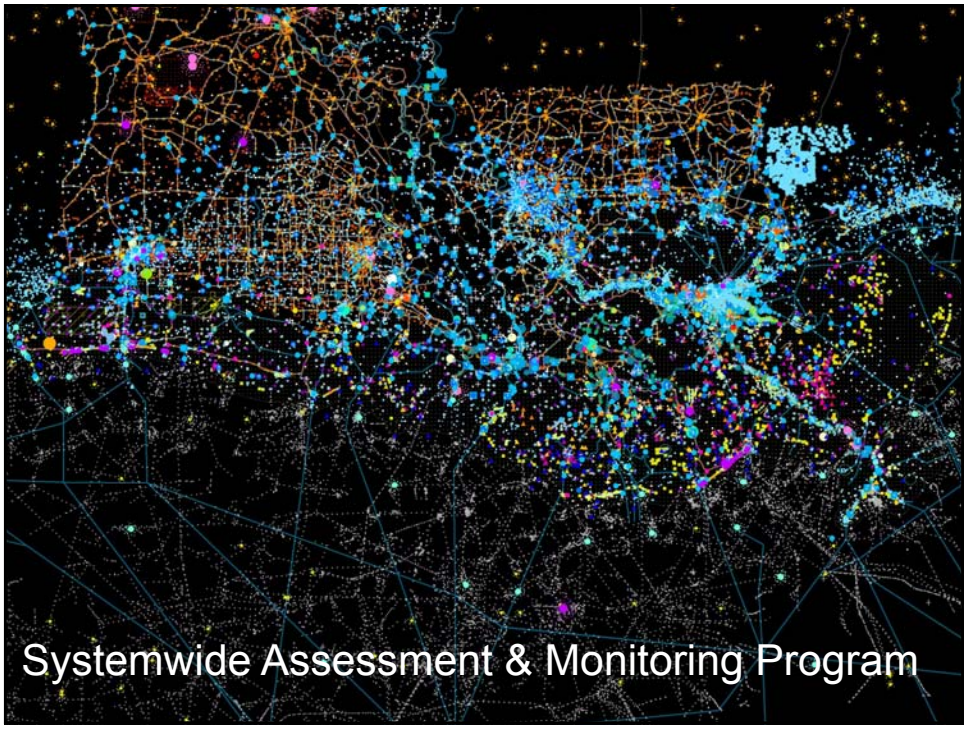


Coastal Protection and Restoration Authority of Louisiana

SWAMP Data Inventory



Coastal Protection and Restoration Authority of Louisiana



What do we need to know?

Restoration

- **Landscapes**
  - Land Area (Quantity)
  - Soil Biogeochemistry
  - Barrier Island morphology
- **Biological Integrity**
  - Vegetative Communities
  - Pelagic Communities
  - Benthic Communities
- **Water**
  - Water Quality
  - Hydrodynamics
  - Sediments
- **Atmosphere**
  - Weather & Climate

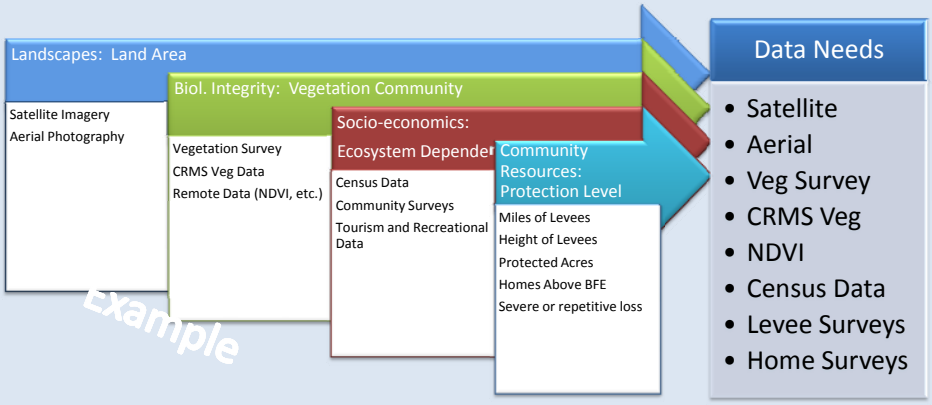
Protection

- **Socio-economics**
  - Population Demographics
  - Housing and Community Characteristics
  - Economy and Employment
  - Ecosystem Dependency
- **Community Resources**
  - Protection Level of Local Facilities and Services
  - Protection Level of Critical Infrastructure

Example

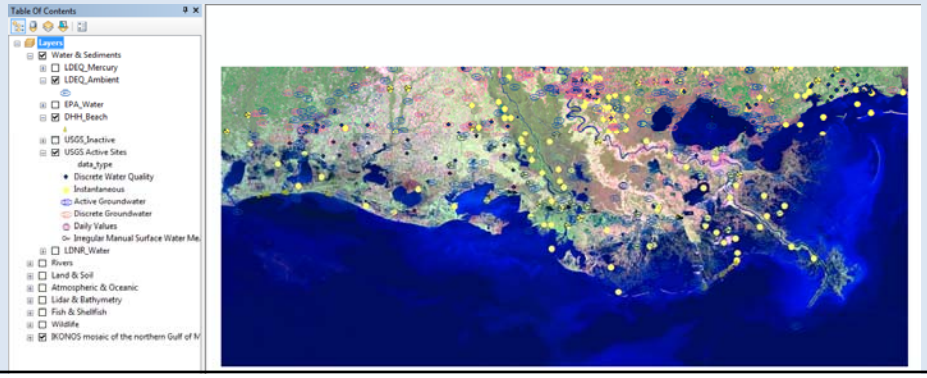
Next Steps

- What data do we need to address CPRA's objectives



Next Steps

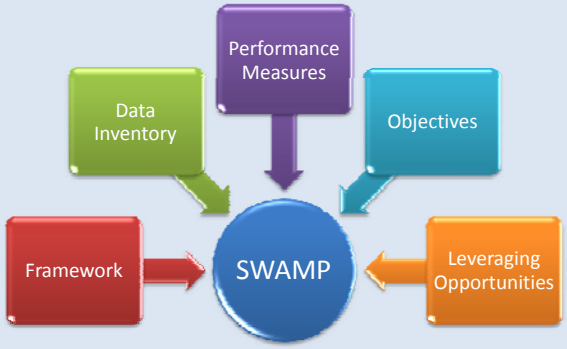
- What data do we need to address these objectives
- What data are currently being collected

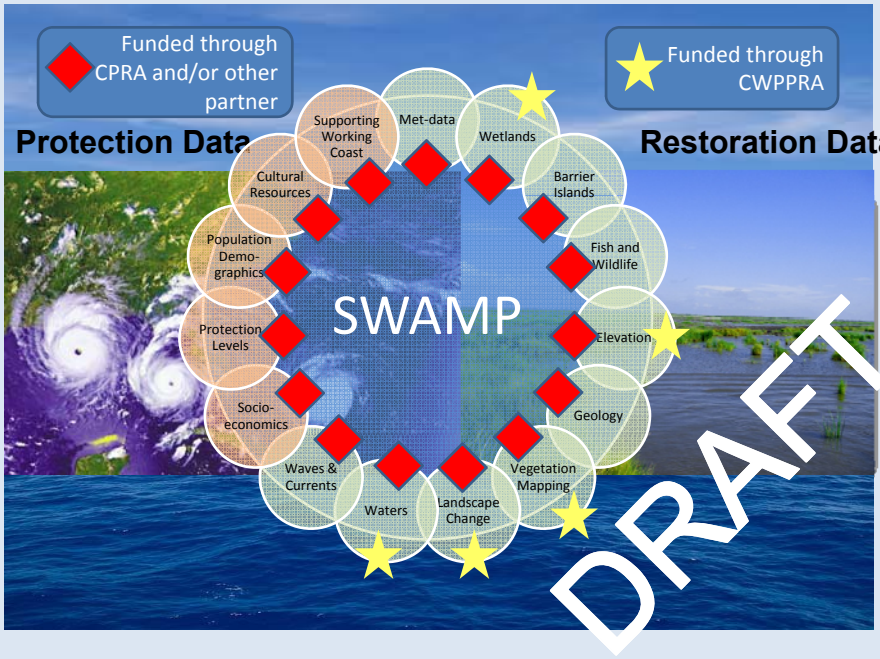


Next Steps

- What data do we need to address these objectives
- What data are currently being collected
- Are current data collection efforts adequate (temporally, spatially, correct variables/ methods, adequate statistical power, etc.)
- Develop Coastwide Plan and (nested) Basin-Pilot incorporating protection and restoration data needs

Putting the Pieces Together

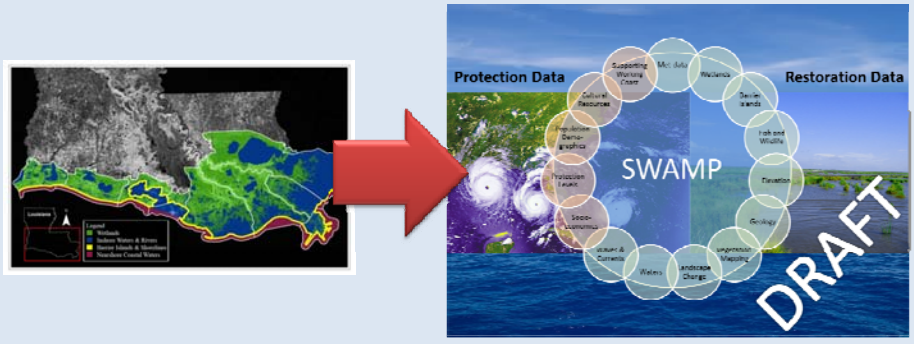




Thank You

Questions?

Richard.Raynie@LA.gov



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

APRIL 15, 2014

REQUEST FOR FUNDING INCREASE FOR GRAND LAKE SHORELINE PROTECTION (ME-21)

For Report/Decision:

NRCS and CPRA are requesting a funding increase for Grand Lake Shoreline Protection. In February 2007, the Task Force passed a motion "*to allow CIAP to fund construction of the Grand Lake Shoreline Protection Project (ME-21) without Tebo Point and to have CWPPRA fund the difference between the CIAP and CWPPRA project features (i.e. the Tebo Point segment) plus 3 years of O&M for the entire project for a total of $9 million ($2.7M for construction of the Tebo Point segment and $6.3M for the 1st 3 years of O&M for the entire project).*" The CIAP portion of ME-21 was constructed under CIAP in -2010, and federal sponsorship of ME-21was transferred to NRCS in 2011. The revised construction cost estimate for the Tebo Point portion (including Construction S&I and S&A and contingency) is $6,242,031. The updated Operation and Maintenance estimate (state and federal) for the entire project is $6,371,026. The updated COE Admin estimate for the entire project is $34,647. Therefore, the current request consists of a $3,542,031 increase for construction, a $66,744 increase for O&M, and a $32,313 increase for COE Admin; resulting in a revised total Phase II budget of $12,647,704 and a fully funded cost of $13,696,735. The 3-year O&M incremental funding request is $23,433. The 3-year COE Admin funding request is for $3,951. The Technical Committee will consider and vote to make a recommendation to the Task Force to approve a request for a funding increase for Grand Lake Shoreline Protection (ME-21).

Grand Lake Shoreline Protection (ME-21)

Cost Increase Request

Technical Committee

April 15, 2014

In February 2007, the Task Force passed a motion "*to allow CIAP to fund construction of the Grand Lake Shoreline Protection Project (ME-21) without Tebo Point and to have CWPPRA fund the difference between the CIAP and CWPPRA project features (i.e. the Tebo Point segment) plus 3 years of O&M for the entire project for a total of $9 million ($2.7M for construction of the Tebo Point segment and $6.3M for the 1st 3 years of O&M for the entire project).*" The CIAP portion of ME-21 was constructed under CIAP in 2010, and federal sponsorship of ME-21was transferred to NRCS in 2011.

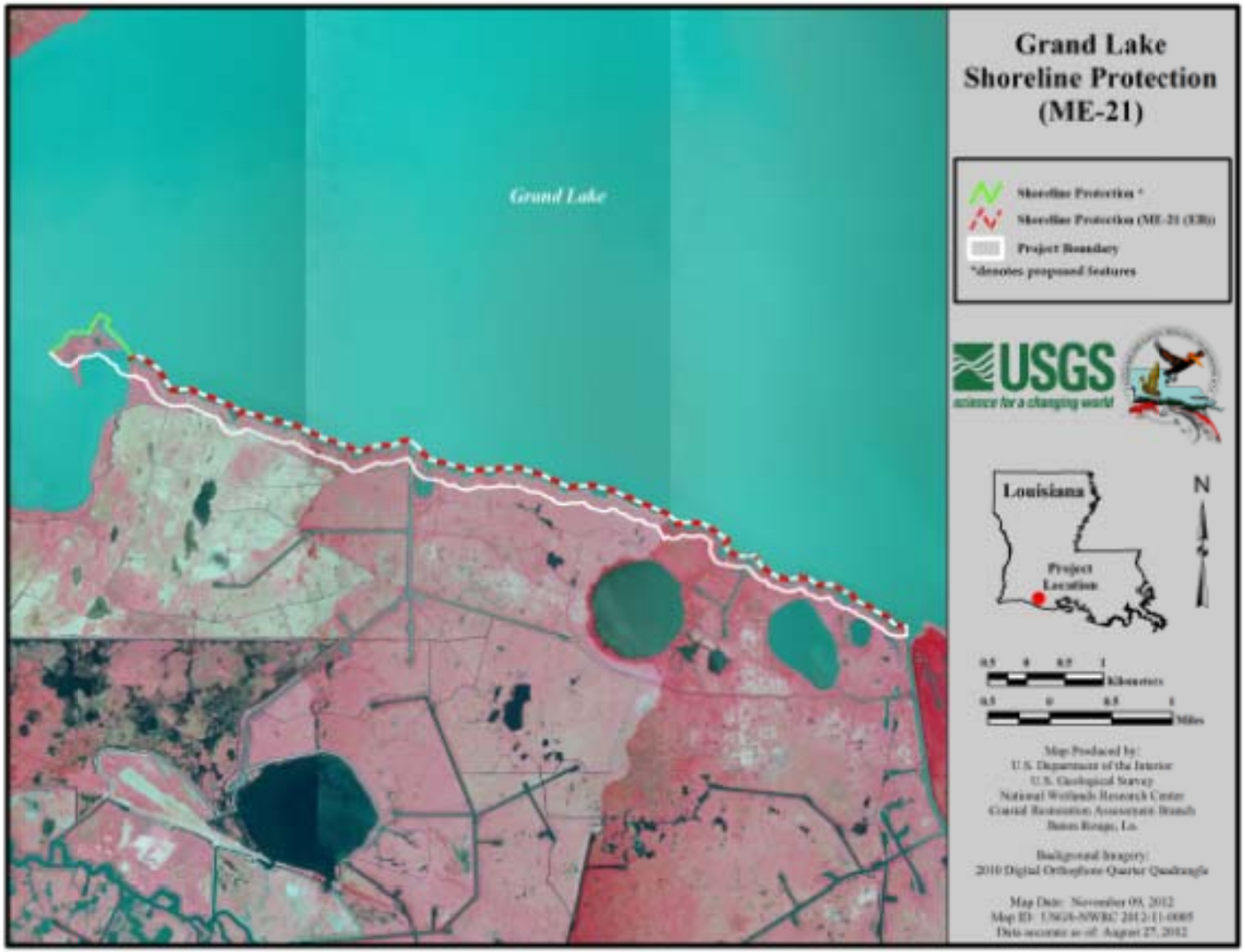
The Tebo Point portion of the project consists of about 5,700 feet of foreshore rock dike. The dike will be constructed to a height of 3.5 feet NAVD88, with a crown width of 4 feet and 3:1 slide slopes. To the extent practicable, material from the access channel will be used to create marsh.

With an erosion rate of about 11 feet per year, the project is expected to eliminate the loss of about 29 acres. Up to about 15 acres of marsh could be created with material from the access channel.

The revised construction cost estimate for the Tebo Point portion (including Construction S&I and S&A and contingency) is $6,242,031. The updated Operation and Maintenance estimate (state and federal) for the entire project is $6,371,026. The updated COE Admin estimate for the entire project is $34,647. Therefore, this request consists of a $3,542,031 increase for construction, a $66,744 increase for O&M, and a $32,313 increase for COE Admin; resulting a revised total Phase II budget of $12,647,704 and a fully funded cost of $13,696,735.

	Existing / CSA Phase II Budget	Proposed Phase II Budget	Change
Construction, including S&I, S&A, and Contingency	$2,700,000	$6,242,031	+$3,542,031
Federal O&M	$123,632	$345,635	+$222,003
State O&M	$6,180,620	$6,025,391	-$155,229
COE Admin	$2,334	$34,647	+$32,313
TOTAL	$9,006,586	$12,647,704	+$3,641,118

The 3-year O&M incremental funding request is $23,433. The 3-year COE Admin funding request is for $3,951.



Grand Lake Shoreline Protection (ME-21)

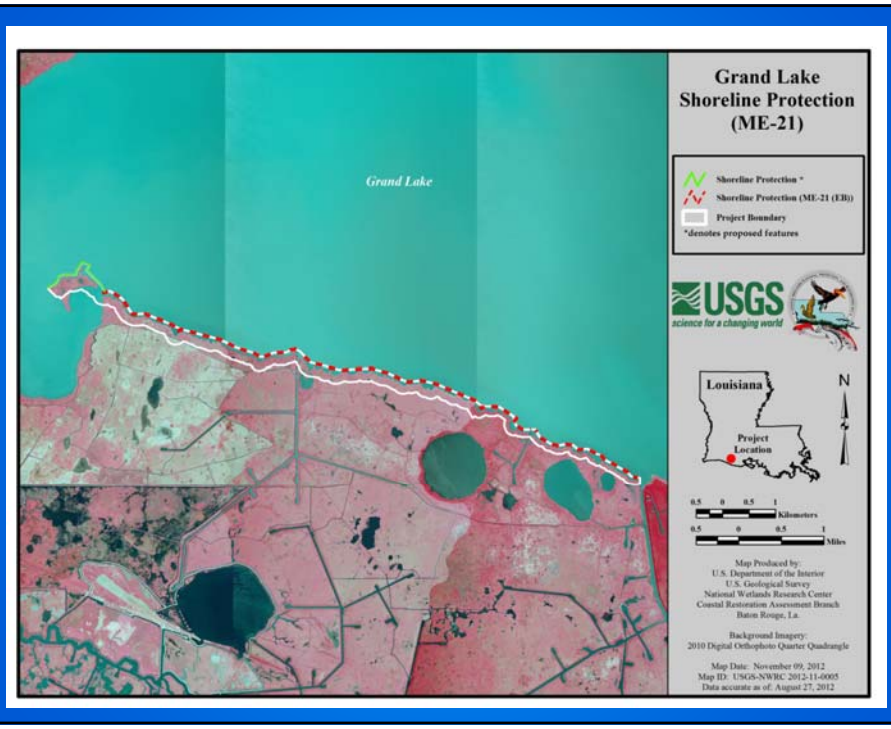
PLAN MAP
ME-21 GRAND LAKE
SHORELINE PROTECTION
CAMERON PARISH, LOUISIANA
NRCS
LEGEND
ROCK DIKE
PERMANENT SPOIL DISPOSAL
TEMPORARY SPOIL PLACEMENT
FLOTATION ACCESS CHANNEL
ACCESS ROUTE
N
Scale in Feet

ME-21 Grand Lake Shoreline Protection Project

April 15, 2014

- In February 2007, the CWPPRA Task Force passed a motion "*to allow CIAP to fund construction of the Grand Lake Shoreline Protection Project (ME-21) without Tebo Point and to have CWPPRA fund the difference between the CIAP and CWPPRA project features (i.e. the Tebo Point segment) plus 3 years of O&M for the entire project for a total of $9 million ($2.7M for construction of the Tebo Point segment and $6.3M for the 1st 3 years of O&M for the entire project).*"
- The CIAP portion of ME-21 was constructed under CIAP in ---2010.

- Federal sponsorship of ME-21was transferred to NRCS in 2011.
- The Tebo Point portion of the project consists of about 5,700 feet of foreshore rock dike. The dike will be constructed to a height of 3.5 feet NAVD88, with a crown width of 4 feet and 3:1 slide slopes. To the extent practicable, material from the access channel will be used to create marsh



	Existing / CSA Phase II Budget	Proposed Phase II Budget	Change
Construction, including S&I, S&A, and Contingency	$2,700,000	$6,242,031	+$3,542,031
Federal O&M	$123,632	$345,635	+$222,003
State O&M	$6,180,620	$6,025,391	-$155,229
COE Admin	$2,334	$34,647	+$32,313
TOTAL	$9,006,586	$12,647,704	+$3,641,118

Current Request

- $3,542,031 increase for construction
- $66,744 increase for O&M
- $32,313 increase for COE Admin

- Revised total Phase II budget: $12,647,704
- Revised fully funded cost: $13,696,735.

- 3-year O&M incremental funding request: $23,433.

- 3-year COE Admin funding request: $3,951.

rev. November 2012
Cost figures as of: April 2014

Grand Lake Shoreline Protection (ME-21)

Project Status

Approved Date: 2002 **Project Area:** 77 acres
Approved Funds: $10.0 M **Total Est. Cost:** $10.0 M
Net Benefit After 20 Years: 45 acres
Status: Engineering and Design
Project Type: Shoreline Protection
PPL #: 11

Location

The project is located in the Mermentau Basin in Cameron Parish, Louisiana, on the south shore of Grand Lake.

Problems

A comparison of 1978-79 aerial photography to 1997-98 aerial photography indicates that shoreline erosion rates in this area vary from 11 to 32 feet per year.

Restoration Strategy

The project's objectives include stopping shoreline erosion from Superior Canal to Tebo Point and promoting accretion between the breakwater and the shore.

Approximately 43,500 feet of stone breakwater will be built in 2 feet of water in Grand Lake roughly 200 feet from the shoreline from Superior Canal to Tebo Point. The breakwater will rise 2 feet above sea level. Fish dips, gaps that allow fish to move across the breakwater barrier, will be built every 1000 feet. The fish dips, 46 feet wide at the top, will extend to the lake bottom and be lined with concrete aprons. A 6-foot deep flotation canal with a 1:4 side slope will be at least 35 feet from the centerline of the dike, and material from the flotation canal will be cast inside the breakwater. Minimal maintenance of the breakwater will be necessary.

Progress to Date

Approximately 38,700 feet of this project was constructed by the state utilizing CIAP funds. The remainder of the project, approximately 5,700 feet, is in engineering and design. Construction approval will be requested in 2013.

This project is on Priority Project List 11.

This photo of Lake Salvador is representative of the shoreline protection work to be accomplished along Grand Lake from Superior Canal to Tebo Point in Cameron Parish. About 43,500 feet of stone breakwater will be built to protect the shoreline from further erosion and to promote accretion between the breakwater and the shore.

For more project information, please contact:

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

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

Grand Lake Shoreline Protection (ME-21)

Shoreline Protection *

Shoreline Protection (ME-21 (EB))

Project Boundary

*denotes proposed features

USGS science for a changing world

Louisiana

Project Location

N

0.5 0 0.5 1 Kilometers

0.5 0 0.5 1 Miles

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

Background Imagery:
2010 Digital Orthophoto Quarter Quadrangle

Map Date: November 09, 2012
Map ID: USGS-NWRC 2012-11-0005
Data accurate as of: August 27, 2012

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

APRIL 15, 2014

REQUEST FOR APPROVAL FOR FINAL DEAUTHORIZATION ON THE PPL 13 – BAYOU SALE SHORELINE PROTECTION PROJECT (TV-20)

For Decision:

NRCS and CPRA are requesting approval for final deauthorization procedures on the Bayou Sale Shoreline Protection Project (TV-20) due to numerous abandoned pipelines in the area that presented site access and project construction problems. After consideration of the costs of pipeline removals, alternative construction methods that avoided pipeline removals, and alternative shoreline protection methods, implementation of the project proved cost-prohibitive, resulting in limited benefits that did not justify construction. The Technical Committee will vote on a recommendation to the Task Force to approve the final deauthorization of the Bayou Sale Shoreline Protection Project.

CWPPRA Newsflash

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

RESTORING COASTAL LOUISIANA SINCE 1990

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Deauthorization Procedures Starting for TV-20

PUBLIC NOTICE

The Louisiana Coastal Wetlands Conservation and Restoration Task Force is initiating procedures to deauthorize the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) Bayou Sale Shoreline Protection (TV-20) project as requested by the local project sponsor, the Coastal Protection and Restoration Authority (CPRA). Numerous abandoned pipelines in the area presented site access and project construction problems. After consideration of the costs of pipeline removals, alternative construction methods that avoided pipeline removals, and alternative shoreline protection methods such as Wave Attenuation Devices and Oysterbreak that not only would not require pipeline removals but also would not require access channel dredging, implementation of the project proved cost-prohibitive, resulting in limited benefits that did not justify construction.

This 13th Priority Project List project is located along the eastern shoreline of East Cote Blanche Bay, from British-American Canal to the mouth of Bayou Sale, in St. Mary Parish, Louisiana. The goals of this project are to reduce or if possible, reverse shoreline erosion through construction of an offshore rock dike parallel to the existing bankline and create marsh between the breakwater and existing shoreline using the dredged material from project site access channel construction.

Prior to making a final decision, the Task Force will consider written comments on the request to deauthorize the project. Written comments should be provided by April 28, 2014 to the following address:

Colonel Richard L. Hansen
District Commander
U.S. Army Corps of Engineers, New Orleans District
Attention: Projects and Restoration Branch, CWPPRA Manager
P.O. Box 60267
New Orleans, Louisiana 70160-0267

If you need further information, please contact Mr. Brad Inman, CWPPRA Program Manager, at (504) 862-2124.

###

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

REPLY TO
ATTENTION OF

MAR 28 2014

Programs and Project Management Division
Projects and Restoration Branch

The Honorable David Vitter
United States Senate
516 Hart Senate Office Building
Washington, DC 20510-1805

Dear Senator Vitter:

The Louisiana Coastal Wetlands Conservation and Restoration Task Force is initiating procedures to deauthorize the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) Bayou Sale Shoreline Protection (TV-20) project as requested by the local project sponsor, the Coastal Protection and Restoration Authority (CPRA). Numerous abandoned pipelines in the area presented site access and project construction problems. After consideration of the costs of pipeline removals, alternative construction methods that avoided pipeline removals, and alternative shoreline protection methods such as Wave Attenuation Devices and Oysterbreak that not only would not require pipeline removals but also would not require access channel dredging, implementation of the project proved cost-prohibitive, resulting in limited benefits that did not justify construction (see letter dated January 27, 2014, provided as enclosure 1).

This 13th Priority Project List project (see Fact Sheet with map provided as enclosure 2) is located along the eastern shoreline of East Cote Blanche Bay, from British-American Canal to the mouth of Bayou Sale, in St. Mary Parish, Louisiana. The goals of this project are to reduce or if possible, reverse shoreline erosion through construction of an offshore rock dike parallel to the existing bankline and create marsh between the breakwater and existing shoreline using the dredged material from project site access channel construction.

Prior to making a final decision, the Task Force will consider written comments on the request to deauthorize the project. Written comments should be provided within 30 days of the date of this letter to the following address:

Colonel Richard L. Hansen
District Commander
U.S. Army Corps of Engineers, New Orleans District
Attention: Projects and Restoration Branch, CWPPRA Manager
P.O. Box 60267
New Orleans, Louisiana 70160-0267

If you need further information, please contact Mr. Gary L. Hawkins, Acting Deputy District Engineer for Project Management, at (504) 862-2204 or Mr. Brad Inman, CWPPRA Program Manager, at (504) 862-2124.

Sincerely,

Richard L. Hansen
Colonel, U.S. Army
District Commander

Enclosures

cc: (w/enclosures)

Mr. Jerome Zeringue
Director
Office of Coastal Activities
1051 North Third Street
Capital Annex Building, Suite 138
Baton Rouge, Louisiana 70802

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Louisiana Field Office
646 Cajunland Boulevard, Suite 400
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Mr. Kevin Norton
State Conservationist
Natural Resource Conservation Service
3737 Government Street
Alexandria, Louisiana 71302

Mr. Christopher Doley
Director, National Oceanic
and Atmospheric Administration
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The Honorable Mary L. Landrieu
United States Senate
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Washington DC 20515-1802

The Honorable Charles W. Boustany, Jr.
House of Representatives
1431 Longworth House Office Building
Washington DC 20515-2031

The Honorable R.L. "Bret" Allain
Louisiana Senate
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The Honorable Sam Jones
Louisiana House of Representatives
733 Main Street
Franklin, Louisiana 70538

The Honorable Gordon Dove
Louisiana House of Representatives
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Houma, Louisiana 70361

The Honorable John Smith
Louisiana Senate
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Leesville, Louisiana 71446

The Honorable Gerald Long
Louisiana Senate
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Wingfield, Louisiana 71483

The Honorable Paul P. Naquin, Jr.
President
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Ms. Patricia Wheatley
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Mr. George J. Brooks
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Slidell, Louisiana 70458

St. Mary Land & Exploration Company
1776 Lincoln Street, Suite 1100
Denver, Colorado 80203

State of Louisiana

BOBBY JINDAL
GOVERNOR

January 27, 2014

Gary L. Hawkins
Acting Chairman, CWPPRA Technical Committee
US Army Corps of Engineers
New Orleans District
PO Box 60267
New Orleans, LA 70160-0267

Subject: Initiation of deauthorization procedures

Dear Mr. Hawkins:

Please accept this correspondence as the Coastal Protection and Restoration Authority's (CPRA) official request to initiate deauthorization procedures for the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) project Bayou Sale Shoreline Protection project (TV-20).

Due to numerous abandoned pipelines in the project area, traditional construction methods using access channel dredging were deemed unsuitable. Pipeline removal, as well as alternative methods including land-based construction and end-on construction, were evaluated and determined to be too expensive to justify the construction of the project. The project team also investigated alternative shoreline protection options including WADS and Oysterbreak™ that would not require the dredging of an access channel and could be implemented without pipeline removal. The project team determined that high costs and limited benefits of these options could not justify their construction. Therefore, the Coastal Protection and Restoration Authority recommends that this project be deauthorized.

Thank you for your assistance in this effort. Please direct questions regarding this matter to Stuart Brown of the CPRA (225-342-4596).

Sincerely,

Bren Haase
Deputy Chief – Studies and Environmental Branch
Coastal Protection and Restoration Authority

Post Office Box 44027 • Baton Rouge, Louisiana 70804-4027 • 450 Laurel Street • 15th Floor Chase Tower North • Baton Rouge, Louisiana 70801
(225) 342-7308 • Fax (225) 342-4711 • http://www.coastal.la.gov
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Enclosure 1

rev. April 2008
Cost figures as of: February 2014

Bayou Sale Shoreline Protection (TV-20)

Project Status

Approved Date: 2004 **Project Area:** 370 acres
Approved Funds: $2.25 M **Total Est. Cost:** $32.1 M
Net Benefit After 20 Years: 329 acres
Status: Engineering and Design
Project Type: Shoreline Protection
PPL #: 13

Location

The project is located along the eastern shoreline of East Cote Blanche Bay, from British-American Canal to the mouth of Bayou Sale, in St. Mary Parish, Louisiana.

Problems

Shoreline erosion at an estimated rate of 13.5 feet per year is being caused by the open water fetch and resulting wave energy from East Cote Blanche Bay. The retreating shoreline has resulted in a substantial loss of live oak forest, emergent wetlands, and critical habitat used by a multitude of fish and wildlife species, including the endangered Louisiana black bear.

Restoration Strategy

The goal of this project is to reduce or, if possible, reverse shoreline erosion and create marsh between the breakwater and existing shoreline. Project plans include construction of 35,776 linear feet of foreshore rock dike parallel to and approximately 150 feet out from the existing eastern shoreline of East Cote Blanche Bay. The rock dike will be tied into the banks of all substantial channels. Smaller channels and sloughs will have provisions for adequate drainage and aquatic organism access via openings through the dredge material and gaps in the dike. It is anticipated that approximately 123 acres of marsh will be created with the fill material from the dredging of an access channel to accommodate construction equipment.

Progress to Date

The Louisiana Coastal Wetlands Conservation and Restoration Task Force approved the engineering and design phase of this project in January 2004. Planning is ongoing.

This project is on Priority Project List 13.

A foreshore rock dike, such as the one shown above, may provide an alternative type of shoreline protection to the eastern shoreline of East Cote Blanche Bay.

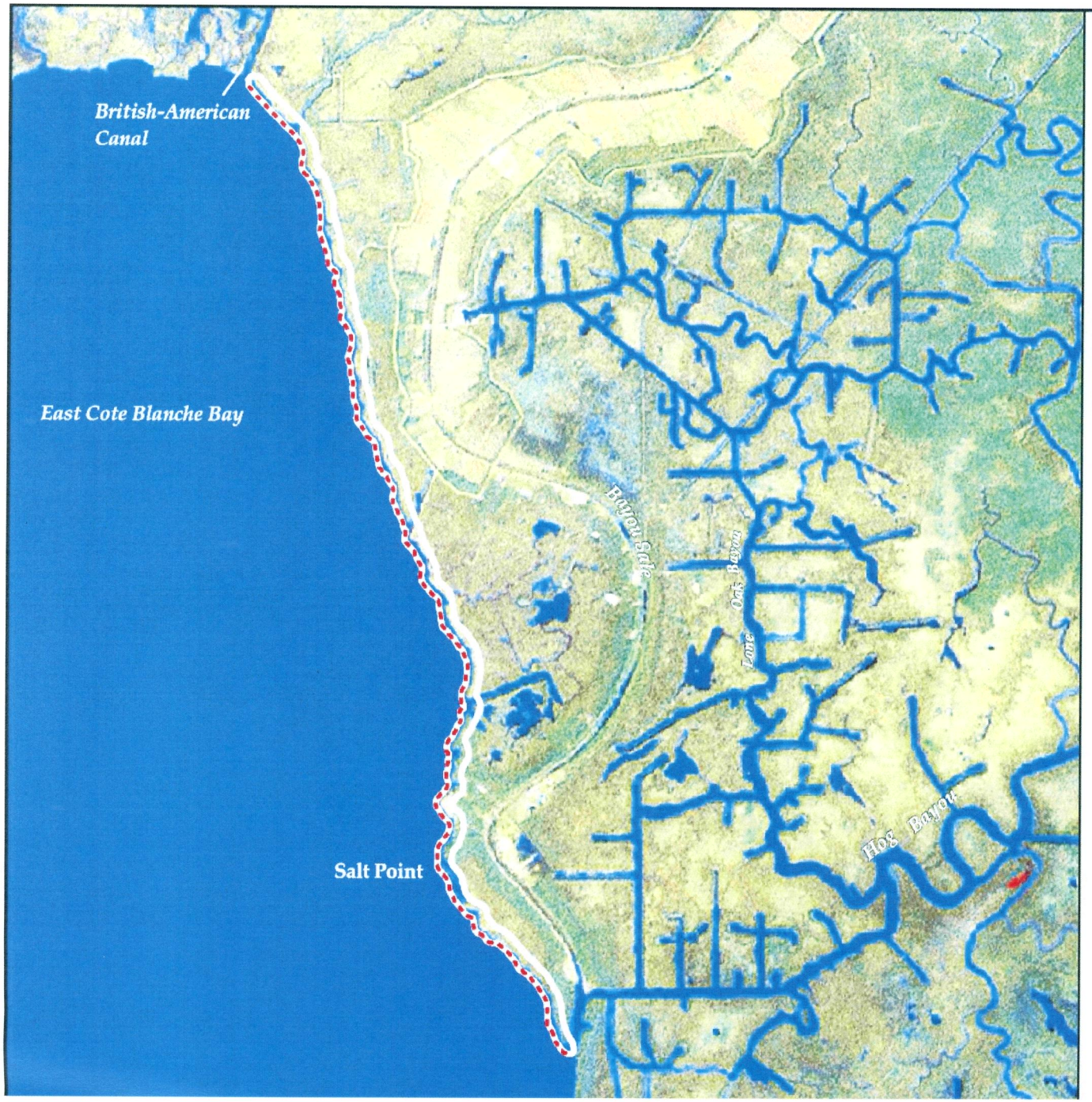
Brown pelicans are using this rock dike located in Lafourche Parish.

For more project information, please contact:

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

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

Enclosure 2



Bayou Sale Shoreline Protection (TV-20)

Shoreline Protection*

Project Boundary

*denotes proposed features

USGS science for a changing world

Louisiana

Project Location

N

0.5 0 0.5 Miles

0.5 0 0.5 Kilometers

Map Produced By:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station
Background Imagery:
2002 Panfusion TM Imagery
Map Date: January 30, 2004
Map ID: USGS-NWRC 2004-11-0141
Data accurate as of: July 22, 2004

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

APRIL 15, 2014

REQUEST FOR APPROVAL FOR FINAL DEAUTHORIZATION ON THE PPL 18 – BERTRANDVILLE SIPHON PROJECT (BS-18)

For Decision:

EPA and CPRA are requesting approval for final deauthorization procedures on the Bertrandville Siphon Project (BS-18) based on land right issues that are not likely to be resolved in the near future plus substantial technical implementation issues. The Technical Committee will vote on a recommendation to the Task Force to approve the final deauthorization of the Bertrandville Siphon Project.

CWPPRA Newsflash

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

RESTORING COASTAL LOUISIANA SINCE 1990

Follow us:

Deauthorization Procedures Starting for BS-18

PUBLIC NOTICE

The Louisiana Coastal Wetlands Conservation and Restoration Task Force is initiating procedures to deauthorize the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) Bertrandville Siphon (BS-18) Project as requested by the lead agency, the Environmental Protection Agency, and the local project sponsor, the Coastal Protection and Restoration Authority, based on land right issues that are not likely to be resolved in the near future plus substantial technical implementation issues.

This 18th Priority Project List project is located in Region 2, Breton Sound Basin in Plaquemines Parish, on the east bank of the Mississippi River about a half mile south of the Bertrandville community, Louisiana. The project area is an abandoned Mississippi River interdistributary basin, between the Mississippi River levee and River Aux Chene. The project would re-introduce Mississippi River water into existing shallow open water areas and intermediate marsh, restoring natural accretion processes and offsetting subsidence.

Prior to making a final decision, the Task Force will consider written comments on the request to deauthorize the project. Written comments should be provided by March 24, 2014 to the following address:

Colonel Richard L. Hansen
District Commander
U.S. Army Corps of Engineers, New Orleans District
Attention: Projects and Restoration Branch, CWPPRA Manager
P.O. Box 60267
New Orleans, Louisiana 70160-0267

If you need further information, please contact Mr. Brad Inman, CWPPRA Program Manager, at (504) 862-2124.

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

REPLY TO
ATTENTION OF

FEB 20 2014

Programs and Project Management Division
Projects and Restoration Branch

The Honorable David Vitter
United States Senate
516 Hart Senate Office Building
Washington, DC 20510-1805

Dear Senator Vitter:

The Louisiana Coastal Wetlands Conservation and Restoration Task Force is initiating procedures to deauthorize the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) Bertrandville Siphon (BS-18) Project as requested by the lead agency, the Environmental Protection Agency, and the local project sponsor, the Coastal Protection and Restoration Authority, based on land right issues that are not likely to be resolved in the near future plus substantial technical implementation issues (see letter dated December 18, 2013, provided as enclosure 1).

This 18th Priority Project List project (see Fact Sheet with map provided as enclosure 2) is located in Region 2, Breton Sound Basin in Plaquemines Parish, on the east bank of the Mississippi River about a half mile south of the Bertrandville community, Louisiana. The project area is an abandoned Mississippi River interdistributary basin, between the Mississippi River levee and River Aux Chene. The project would re-introduce Mississippi River water into existing shallow open water areas and intermediate marsh, restoring natural accretion processes and offsetting subsidence.

Prior to making a final decision, the Task Force will consider written comments on the request to deauthorize the project. Written comments should be provided within 30 days of the date of this letter to the following address:

Colonel Richard L. Hansen
District Commander
U.S. Army Corps of Engineers, New Orleans District
Attention: Projects and Restoration Branch, CWPPRA Manager
P.O. Box 60267
New Orleans, Louisiana 70160-0267

If you need further information, please contact Mr. Gary L. Hawkins, Acting Deputy District Engineer for Project Management, at (504) 862-2204 or Mr. Brad Inman, CWPPRA Program Manager, at (504) 862-2124.

Sincerely,

Richard L. Hansen
Colonel, U.S. Army
District Commander

Enclosures

cc: (w/enclosures)

Mr. Jerome Zeringue
Director, Office of Coastal Activities
1051 North Third Street
Capital Annex Building, Suite 138
Baton Rouge, Louisiana 70802

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

Mr. Jeff Weller
Field Supervisor
U.S. Fish and Wildlife Service
Louisiana Field Office
646 Cajunland Boulevard, Suite 400
Lafayette, Louisiana 70506

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

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

The Honorable Mary L. Landrieu
United States Senate
703 Hart Senate Office Building
Washington DC 20515-1802

The Honorable Steve Scalise
House of Representatives
2338 Rayburn House Office Building
Washington DC 20515

The Honorable A. G. Crowe
Louisiana Senate
646 Carnation Street
Slidell, Louisiana 70460

The Honorable Raymond E. Garofalo,Jr.
Louisiana House of Representatives
9000 W. St. Bernard Hwy, Suite 40
Chalmette, Louisiana 70043

cc: (w/enclosures)

The Honorable Gordon Dove
Louisiana House of Representatives
P.O. Box 629
Houma, Louisiana 70361

The Honorable John Smith
Louisiana Senate
611-B South 5th Street
Leesville, Louisiana 71446

The Honorable Gerald Long
Louisiana Senate
P.O. Box 151
Wingfield, Louisiana 71483

The Honorable Billy Nungesser
President
Plaquemines Parish Government
8056 Highway 23, Suite 200
Belle Chasse, Louisiana 70037

Mr. P.J. Hahn
Director
Coastal Zone Management
8056 Highway 23, Suite 307
Belle Chasse, Louisiana 70037

Ms. Albertine Kimble
Manager
Local Coastal Program
102 Avenue G
Belle Chase, Louisiana 70037

Mr. Lonnie Serpas
Supervisor
Local Coastal Program
138 Edna LaFrance Road
Braithwaite, Louisiana 70040

Delacroix Corporation
206 Decatur Street
New Orleans, LA 70130

SGH Marshland
1650 Lotus Road
Mandeville, Louisiana 70448

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS TX 75202-2733

December 18, 2013

Mr. Thomas A. Holden Jr., P.E.
Chairman
CWPPRA Technical Committee
U.S. Army Corps of Engineers
New Orleans District
P.O. Box 60267
New Orleans, Louisiana 70160-0267

RE: Bertrandville Siphon Project (BS-18)

Dear Mr. Holden:

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 deauthorization procedures for the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA) *Bertrandville Siphon (BS-18)* project. CPRA has evaluated existing CWPPRA projects for potential for project effectiveness and likely implementation issues. It is recommended that this project be deauthorized for the following reasons:

- Land right issues that are not likely to be resolved in the near future.
- This project is likely to face substantial technical implementation issues.

Please consider this letter as the formal request from EPA and CPRA to initiate deauthorization of BS-18 in accordance with the CWPPRA Standard Operation Procedures Manual. Thank you for your assistance in this effort. Please direct questions regarding this matter to the EPA Project Manager, Adrian Chavarria, chavarria.adrian@epa.gov, 214-665-3103.

Sincerely,

Karen McCormick
Section Chief - Marine and Coastal Section
U.S. Environmental Protection Agency

CC: Richard Hartman, NMFS, Baton Rouge, LA
Britt Paul, NRCS, Alexandria, LA
Darryl Clark, USFWS, Lafayette, LA
Bren Haase, CPRA, Baton Rouge, LA
Adrian Chavarria, USEPA Project Manager, Dallas, TX

Louisiana Coastal Wetlands Conservation and Restoration Task Force

February 2010
Cost figures as of: January 2014

Bertrandville Siphon (BS-18)

Project Status

Approved Date: 2009
Project Area: 14,574 acres
Approved Funds: $2.12 M
Total Est. Cost: $22.5 M
Net Benefit After 20 Years: 1,613 acres
Status: Engineering and Design
Project Type: Freshwater Diversion
PPL #: 18

Location

The project is located in Region 2, Breton Sound Basin, Plaquemines Parish, on the east bank of the Mississippi River, near the Woodlawn School about ½ mile south of the community of Bertrandville, Louisiana. The project area is an abandoned Mississippi River interdistributary basin, between the Mississippi River levee and River Aux Chenes.

Problems

The wetlands of this abandoned interdistributary basin were cut off from periodic overbank flooding of the Mississippi River when the river was leveed. This eliminated the input of sediments and nutrients which sustained these marshes. This elimination of hydrologic connectivity also has resulted in increased saltwater intrusion, which has caused the severe degradation of cypress-tupelo swamp forest and potentially a shift towards more saline marsh types. Finally, a number of spoil banks have altered flow patterns in this basin. Aerial photography clearly demonstrates the significant loss of marsh in this area.

Aerial view of the proposed siphon benefit area.

Restoration Strategy

This project will re-introduce Mississippi River water into existing shallow open water and intermediate marsh, restoring natural accretion processes and offsetting subsidence. This will result in the elimination of landloss and the creation of new wetland acreage. A siphon with a maximum capacity of 2,000 cubic feet per second and with appropriate outfall management features will be used to re-introduce water from the Mississippi River. In addition to the direct emergent wetland acreage benefits, the project will also:

- convert much of the existing intermediate marsh to fresh marsh
- increase submerged aquatic vegetation in interior marsh ponds and channels
- increase shallow water habitat
- improve habitat interspersion in the area by creating new marsh in open water areas, and by eliminating future wetland conversion to open water, as a result of diverting Mississippi River water, sediment, and nutrients.

Progress to Date

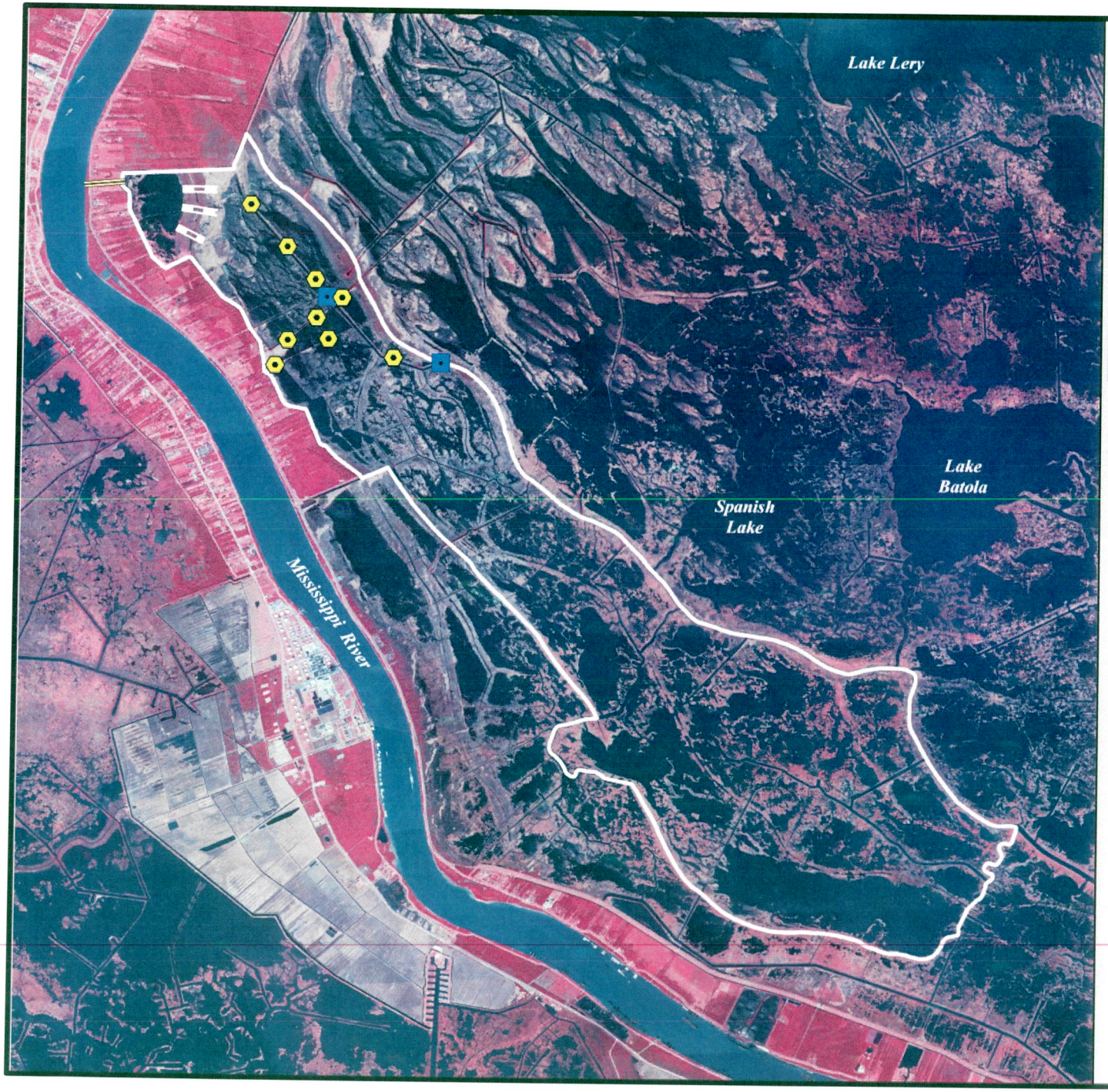
The project is in the process of moving into Phase I Engineering and Design.

This project is on Priority Project List 18.

For more project information, please contact:

Federal Sponsor:
U.S. Environmental Protection Agency
Dallas, TX
(214) 665-7459

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



Bertrandville Siphon (BS-18)

- Plug *
- Spoil Gap *
- Siphon *
- Dredge Channel *
- Project Boundary

*denotes proposed features

USGS science for a changing world

0.7 0 0.7 1.4 Kilometers

0.7 0 0.7 1.4 Miles

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

Background Imagery:
2008 Digital Orthophoto Quarter Quadrangle

Map Date: August 26, 2009
Map ID: USGS-NWRC 2009-11-0385
Data accurate as of: August 26, 2009

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

APRIL 15, 2014

ADDITIONAL AGENDA ITEMS

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

APRIL 15, 2014

REQUEST FOR PUBLIC COMMENTS

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

APRIL 15, 2014

DATE OF UPCOMING CWPPRA PROGRAM MEETING

For Announcement:

The Task Force meeting will be held May 22, 2014 at 9:30 a.m. at the Estuarine Fisheries and Habitat Center, 646 Cajundome Blvd., Lafayette, Louisiana.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

APRIL 15, 2014

SCHEDULED DATES OF FUTURE PROGRAM MEETINGS

For Announcement:

2014

May 22, 2014	9:30 a.m.	Task Force	Lafayette
September 11, 2014	9:30 a.m.	Technical Committee	Baton Rouge
October 6, 2014	9:30 a.m.	Task Force	New Orleans
December 11, 2014	9:30 a.m.	Technical Committee Meeting	Baton Rouge