



# Update on Projects Under Construction:

- **Currently have \$10.5B between 14 projects under construction**
- **Four projects totaling \$670M have been completed in FY2012 thus far**
- **An additional four projects are scheduled to be completed this year with a total value of \$6.9B**



# [www.LACPRA.org](http://www.LACPRA.org)



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## COASTAL PROTECTION & RESTORATION

STATE OF LOUISIANA, GOVERNOR BOBBY JINDAL

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#### NEWS...

**BP CONTRACTOR DISMISSED FROM OIL SPILL CASE BASED ON SEALED EVIDENCE**

David Hammer, Times Picayune - A federal judge has cited sealed documents in dismissing claims against a key BP contractor in the massive Gulf oil spill litigation, ruling that the company's secret court filings absolve it of blame -- even though a 16-month government probe found that its equipment played a central role in the deepwater well blowout.

**GULF COAST LAWMAKERS PUSH FOR RESTORE ACT**

Deborah Barfield Berry, Montgomery Adviser - Lawmakers from Alabama and other Gulf Coast states, frustrated that Congress hasn't moved quickly on legislation aimed at sending the region most of the fine money BP will pay for the 2010 oil spill, say they will try to attach the proposal to other bills.

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### Louisiana's 2012 Coastal Master Plan

STATE OF LOUISIANA  
RESTORATION & PROTECTION 2012

State of the Coast  
Preparing for a Changing Future

SONRIS  
GIS Mapping System

Fiscal Year 2013 Annual Plan:  
Integrated Ecosystem Restoration and Hurricane Protection in Coastal Louisiana

COASTAL LAND LOSS

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#### PROJECTS

Projects proposed through the Breaux Act are evaluated by CRD, along with five federal agencies and associated committees, in order to prepare a ranked list of candidate projects. Proposed projects are ranked based on cost-effectiveness, longevity, risk, supporting partnerships, public support, and support of the Breaux Act goals.

The federal cost-share for Louisiana's coastal wetlands restoration projects is 85 percent of the cost of the project, the State is then responsible for the remaining 15 percent of the cost. The balance of the State share may take the form of lands, easements, or right-of-way, or any other form of in-kind contribution determined to be appropriate by the lead Task Force member. (US Code: Title 46, Chapter 59A - Wetlands)


A numerical computer model, the Wetland Value Assessment, is used to calculate the predicted changes in fish and wildlife habitat for each proposed project and makes comparisons over a 20-year period for predicted future conditions with and without the proposed restoration project. The candidate projects are presented in coastwide public meetings to solicit comments. The combined outcome of these various evaluation methods is used to select the final list of projects, the Priority Project List (PPL), approved for implementation each year.

Following project selection, during the initial planning phase, the conceptualized project proceeds through a two phased process that provides for more efficient fund allocation. Phase I, referred to as "Engineering and Design," is an in-depth process by which engineers and biologists further develop and assess the benefits of the proposed project. During the engineering and design phase, the ecological review process evaluates each project's ecological benefits, engineering features, goals, and strategies are evaluated. This evaluation utilizes monitoring and engineering information, as well as applicable scientific literature, to assess whether or not, and to what degree, the proposed project features will cause the desired ecological response. Phase II, referred to as "Construction and Monitoring," involves the actual building and subsequent monitoring of the project.

#### RESTORATION:

##### Freshwater Diversion

This controlled diversion uses gates or siphons to regulate the volume of water flow. Freshwater is channeled from a nearby river or waterbody into surrounding wetlands. This infusion of water, sediment, and nutrients helps slow saltwater intrusion and promotes the growth of a new marsh. An example of a freshwater diversion is the Davis Pond Freshwater Diversion (BA-01).



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LOUISIANA'S 2012 COASTAL MASTER PLAN

LOUISIANA'S COASTAL CRISIS

DEEPWATER HORIZON

**PROJECTS**

CPRA Projects Hotlist

Current Bids List

CIAP Projects

CWPRA Projects

Louisiana Coastal Area Projects

All Restoration Projects

General Information on Coastal Projects

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# [www.LACPRA.org](http://www.LACPRA.org) - Projects - Hotlist



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#### CPRA PROJECTS HOTLIST

Recognizing the severity of the crisis facing coastal Louisiana, in 2005, the state began an aggressive campaign to expedite and increase coastal protection and restoration efforts. These efforts were augmented with \$790 million in State budget surplus funds from 2007-2009 to support coastal protection and restoration activities. These funds provided a much needed boost to the coastal program, enabling many projects to proceed to construction or otherwise progress ahead of their original schedules. This increase is reflected in project activity in FY 2011, in which 32 coastal projects were under construction, including eight flood protection projects, 21 restoration projects, and three infrastructure projects. Of these projects, 10 were completed, including one protection project, eight restoration projects, and one infrastructure project.

This progress was made in the face of severe challenges, including the Deepwater Horizon oil spill, which posed a threat to coastal Louisiana's natural resources of a magnitude never before experienced. The State responded quickly and effectively to the oil spill by implementing a series of emergency actions. In the aftermath of the spill, the State is now seeking to maximize its investment in oil spill recovery activities by implementing restorative projects that build on, or work synergistically with, these efforts.

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(Part of the Twinspan being crushed in development of the New Orleans Landbridge Project - PO-36)

#### Projects in Design

The planning team identified 46 projects in design in FY 2012, including four protection projects and 42 restoration projects. These projects represent a total State investment of \$32.9 million in FY 2012. The path these projects will take to construction varies according to the authorizing program.

#### Projects Headed to be Bid in Next 6 Months

Project Name	Project Number	Final Inspection (Construction End)	Parish	Program	Total	State Dollars
Lake Hermitage Marsh	BA-42	Oct 2013 (estimated)	Plaquemines	CWPPRA	\$38,040,158	\$5,706,024

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### Projects In Construction (Equipment Mobilized)

Project Name	Project Number	Contract Award Date	Mobilization Date	Construction Completed	Project Manager	Parish	Program	Total	State Dollars
Lake Hermitage Marsh Creation	BA-42	1/22/2012	2/22/2012 (estimated)	Oct 2013 (estimated)	Andrew Beall	Plaquemines	CWPPRA	\$38,040,158	\$5,706,024
South Shore of the Pen Shoreline Protection and Marsh Creation	BA-41	5/4/2010	6/28/2010	Mar 2012 (estimated)	Dustin White	Jefferson	CWPPRA	\$16,225,047	\$2,433,757
Orleans Land Bridge	PO-36	2/17/2011	5/24/2011	5/13/2013	Earl Paddock	Orleans	CIAP	\$25,857,541	\$25,857,541
Bioengineered Oyster Reef	LA-08	8/2/2011	Nov 2011 (estimated)	March 2012 (estimated)	Pat Landry	Cameron	CWPPRA	\$260,433	\$39,065
Sediment Containment System for Marsh Creation Demonstration	LA-09	ONGOING	6/1/2011	7/30/2012	Brad Miller	Terrebonne, Jefferson	CWPPRA	\$1,163,343	\$174,501
West Belle Pass Barrier Headland Restoration	TE-52	9/6/2011	Nov 2011 (estimated)	Nov 2012 (estimated)	Daniel Dearmond	Lafourche	CWPPRA	\$28,551,640	\$4,282,746
Pelican Island	BA-38	10/2/2011	10/30/2011	Feb 2013 (estimated)	Kenneth Bahlinger	Plaquemines	CWPPRA	\$43,132,953	\$6,469,943
Central Wetlands Assimilation - Demonstration	PO-73	10/15/2011	11/15/2011	8/31/2012	David Williams	Orleans	CIAP	\$3,500,000	\$3,500,000
Larose to Golden Meadow - Flood Protection	TE-65	1/27/2009	2/22/2009	7/23/2012	Trena Woolridge	Lafourche	State Only	\$19,820,000	\$19,820,000
Morganza to the Gulf	MTG	ONGOING	ONGOING	ONGOING	James McMenis	Terrebonne	State Only	\$124,131,593	\$109,801,764
Southeast Louisiana Drainage Program	SELA	ONGOING	ONGOING	ONGOING	Travis Woodard	Jefferson/Orleans	SELA	\$2,000,000,000	\$0
Lake Pontchartrain to Vicinity	LPV	ONGOING	ONGOING	6/1/2012 (estimated)	Dustin White	St. Bernard, Orleans, St. Charles, Jefferson	GNO-HPS	\$3,787,637,700	\$109,373,154
IHNC Surge Barrier and Seabrook Complex	IHNC-01, IHNC-02	4/8/2008	6/1/2008	8/15/2012	Dustin White	Orleans/St. Bernard	GNO-HPS	\$1,291,154,414	\$1,300,000
West Bank and Vicinity	WBV	ONGOING	ONGOING	6/1/2012 (estimated)	James McMenis	Jefferson, St. Charles, Plaquemines	GNO-HPS	\$3,155,784,325	\$187,661,325
								<b>\$10,836,259,147</b>	<b>\$476,419,820</b>

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# Coastal Protection & Restoration Authority

## *Progress Report*

*January 2012*

State of Louisiana



*Creating a Sustainable Louisiana*

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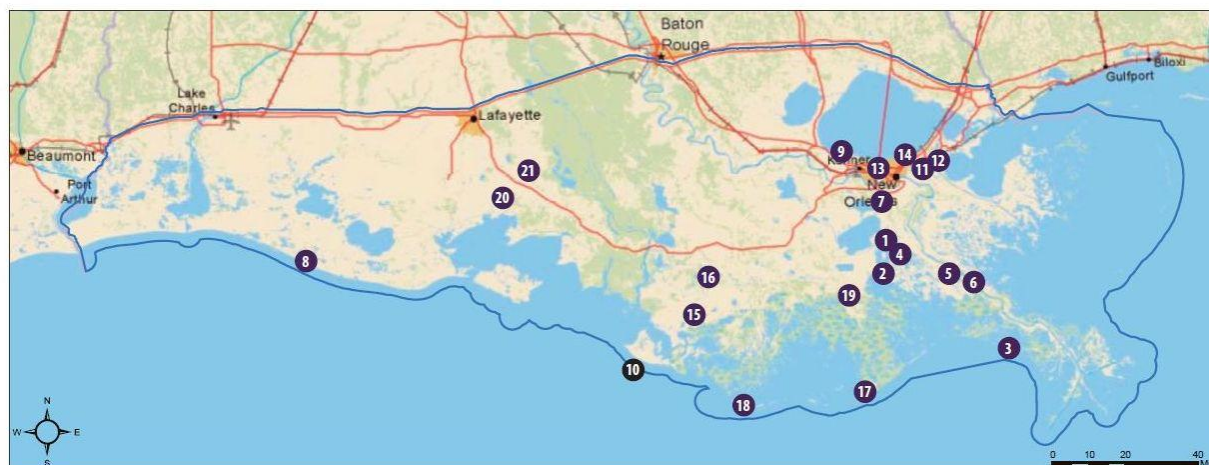
## PROJECTS IN CONSTRUCTION

Projects In Construction							
Map No.	Project ID	Project Name	Current Completion Date	Funding Program	Federal Sponsor	Parish	Acres Benefitted (If Applicable)
1	BA-20-CU4	Jonathan Davis Wetland Project	12/21/2011	OM&M Projects, CWPRA Projects	NRCS	Jefferson	510
2	BA-27-CU1	Barataria Basin Land Bridge Shoreline Protection, Phase 3	1/11/2012	CWPRA Projects	NRCS	Lafourche, Jefferson	5587
3	BA-38	Pelican Island and Pass La Mer to Chalant Pass Restoration	2/25/2013	OM&M Projects, Berm to Barrier, CWPRA Projects	NMFS	Plaquemines	1117
4	BA-41	South Shore of the Pen Shoreline Protection and Marsh Creation	2/20/2012	CWPRA Projects	NRCS	Jefferson	211
5	BA-42	Lake Hermitage Marsh Creation	9/10/2013	CWPRA Projects	USFWS	Plaquemines	438
6	BA-58	Fringe Marsh Repair	7/28/2013	CIAP Projects	USFWS	Plaquemines	300
7	BA-66	West Bank and Vicinity	3/31/2013	09 Surplus Projects	USACE	Saint Charles, Orleans, Jefferson, Plaquemines	
8	LA-08	Bioengineered Oyster Reef Demonstration	4/2/2012	CWPRA Projects	NMFS	Cameron	4.5
9	LA-09	Sediment Containment System for Marsh Creation Demonstration	1/10/2012	CWPRA Projects	NRCS	Terrebonne, Jefferson	
10	LA-13	Coastal Forest Conservation Initiative	3/22/2013	CIAP Projects	USFWS	Multiple Coastal Parishes	
11	PO-36 (EB)	Orleans Land Bridge Shoreline Protection & Marsh Creation	5/13/2013	08 Surplus Projects, 09 Surplus Projects, CIAP Projects	USFWS	Orleans	140
12	PO-55	Lake Pontchartrain & Vicinity, Lake Borgne Surge Barrier LPV-IHNC-02	2/24/2012	08 Surplus Projects	USACE	Saint Bernard, Orleans	
13	PO-63	Lake Pontchartrain and Vicinity	12/31/2013	08 Surplus Projects	USACE	Saint Charles, Jefferson	
14	PO-64	Lake Pontchartrain & Vicinity, Seabrook LPV-IHNC-01	8/21/2012	08 Surplus Projects	USACE	Orleans	
15	TE-34	Penchant Basin Natural Resources Plan, Increment 1	10/7/2011	CWPRA Projects	USFWS	Terrebonne	675
16	TE-43 (EB)	GIWW Bank Restoration of Critical Areas of Terrebonne	10/30/2012	CIAP Projects	NRCS	Terrebonne	1180
17	TE-52	West Belle Pass Barrier Headland Restoration	11/15/2012	CWPRA Projects	NMFS	Lafourche	389
18	TE-53	Enhancement of Barrier Island Vegetation Demo	9/30/2011	CWPRA Projects	EPA	Terrebonne	
19	TE-65	Larose to Golden Meadow Flood Protection	6/11/2012	08 Surplus Projects		Lafourche	
20	TV-28	Port of Iberia Bridge Replacement- Port Road over Commercial Canal	6/30/2013	CIAP Projects	USFWS	Iberia	
21	TV-30	Port of Iberia Bridge Replacement - David Dubois Road over Commercial Canal	9/30/2012	CIAP Projects	USFWS	Iberia	





## PROJECTS IN CONSTRUCTION



1. Jonathan Davis Wetland Project
2. Barataria Basin Landbridge Shoreline Protection, Phase 3
3. Pelican Island and Pass La Mer to Chalant Pass Restoration
4. South Shore of the Pen Shoreline Protection and Marsh Creation
5. Lake Hermitage Marsh Creation
6. Fringe Marsh Repair
7. West Bank and Vicinity
8. Bioengineered Oyster Reef Demonstration
9. Sediment Containment System from Marsh Creation Demonstration
10. Coastal Forest Conservation Initiative (blue line indicates project area)
11. Orleans Land Bridge Shoreline Protection and Marsh Creation
12. Lake Pontchartrain & Vicinity, Lake Borgne Surge Barrier LPV-IHNC-02
13. Lake Pontchartrain and Vicinity
14. Lake Pontchartrain & Vicinity, Seabrook LPV-IHNC-01
15. Penchant Basin Natural Resources Plan, Increment 1
16. GIWW Bank Restoration of Critical Areas of Terrebonne
17. West Belle Pass Barrier Headland Restoration
18. Enhancement of Barrier Island Vegetation Demonstration
19. Larose to Golden Meadow Flood Protection
20. Port of Iberia Bridge Replacement - Port Road over Commercial Canal
21. Port Iberia Bridge Replacement - David Dubois Road over Commercial Canal

### Projects in Construction

1. **Jonathan Davis Wetland Project:** This project is creating marsh and protecting the Jonathan Davis Wetland by constructing sheetpile walls, plugs, and rock rip rap revetment.
2. **Barataria Basin Land Bridge Shoreline Protection, Phase 3:** Using concrete panel walls, rocks, and light rocks, this project involved testing different shoreline protection methods.
3. **Pelican Island and Pass La Mer to Chalant Pass Restoration:** This project involved creating Dune and marsh habitat on Pelican Island.
4. **South Shore of the Pen Shoreline Protection and Marsh Creation:** Approximately 1,000 feet of concrete pile and panel wall and 10,900 feet of rock revetment are being constructed along the south shore of the pen and Bayou Dupont. Dedicated dredging is being used to create approximately 74 acres of marsh and nourish an additional 107 acres of marsh.

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# Before & After



## **Dedicated Dredging on the Barataria Basin Landbridge (BA-36)**

Approximately 5.5 million cubic yards of material was placed in two contained marsh creation areas to create 1,211 acres of intertidal marsh. An additional 4 million cubic yards of material was placed in adjoining fill areas to nourish 1,578 acres of marsh. This project was completed in 2010 at a total cost of \$36.3 million, and funded through CWPPRA, CIAP, and state surplus funds.





# Before & After (cont.)



## East Grand Terre Island Restoration (BA-30)

This project constructed in 2010 restored 2.8 miles and 620 acres of barrier shoreline and 450 acres of marsh by dredging 3.3 million cubic yards of offshore material and rebuilding the island. The project was designed under the CWPPRA Program and the \$31 million in construction was funded through CIAP, Plaquemines Parish CIAP, and state surplus.







# Before & After (cont.)



## **Goose Point Marsh Restoration (PO-33)**

Constructed in 2009, this project created 437 acres of marsh and nourished 114 acres of degraded marsh along the northern shoreline of Lake Pontchartrain. The project was implemented through CWPPRA at a cost of \$20.8 million.

