

## Louisiana Restoration Area

### Final Restoration Plan/Environmental Assessment #4: Nutrient Reduction (Nonpoint Source) and Recreational Use



The Final Restoration Plan/Environmental Assessment #4 selects projects to compensate for a portion of the lost recreational use and to restore water quality in coastal watersheds in Louisiana caused by the *Deepwater Horizon* oil spill.

#### RECREATIONAL USE

Projects selected by the Louisiana Trustees emphasize the creation and enhancement of:

- Recreational opportunities such as fishing, beach-going, camping, and boating;
- Public access to natural resources for recreational use;
- Infrastructure for improved of recreational experiences; and
- Educational and outreach components prompting utilization of natural resources and encouraging stewardship of them.

#### NUTRIENT REDUCTION

Projects selected by the Louisiana Trustees will help restore and enhance the ecological and hydrological integrity of the state's coastal watersheds by reducing agricultural nutrient loads and nonpoint source pollution through the implementation of conservation practices on vulnerable agricultural lands in small watersheds under the following themes:

- Nutrient Reduction on Dairy Farms
- Nutrient Reduction on Crop and Grazing Lands
- Winter Water Holding on Cropland

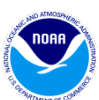
#### ESTIMATED COSTS

This document addresses lost recreational opportunities in Louisiana and to improve coastal watersheds and resources by addressing water quality in Louisiana by using \$38 million and \$9.5 million, respectively, of dedicated funding for these restoration types. More detailed information about projects and costs is on the next page.

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## SELECTED RESTORATION PROJECTS

PROJECT NAME	PROJECT DESCRIPTION	ESTIMATED COST
<b>PROVIDE AND ENHANCE RECREATIONAL OPPORTUNITIES</b>		
Pass-a-Loutre WMA Crevasse Access	Improve boating access to recreational areas by dredging waterways.	\$1,568,000
Pass-a-Loutre WMA Campgrounds	Enhance existing campgrounds by improving access, and installing bulkheads, boat docks, and camping amenities.	\$1,624,000
Grand Isle State Park Improvements	Upgrade existing fishing pier, rock jetties, boardwalk, and trails.	\$6,126,967
Chitimacha Boat Launch	Construct new boat launch, parking area, pavilion, and trails.	\$650,000
Sam Houston Jones State Park Improvements	Construct new cabins and restrooms; renovations to existing cabins and restrooms.	\$2,425,250
Pointe-aux-Chenes WMA Recreational Enhancement	Construct new fishing piers, boat pull-overs, parking lot, bridge, pirogue/boat launches, boat docks, and bulkheads.	\$5,012,000
The Wetlands Harbor Activities Recreational Facility (WHARF) Phase 1	Construct boardwalk for fishing and wildlife viewing, fishing piers, restroom facilities, and lighting.	\$995,000
Bayou Segnette State Park Improvements	Improvements to park property including new floating docks; replacing bathrooms; repairing playgrounds, roads, and parking areas.	\$2,126,724
Atchafalaya Delta WMA Access	Improve boating access to recreational areas by dredging waterways.	\$920,450
Atchafalaya Delta WMA Campgrounds	Install rock jetties, bulkhead, and boat dock; campground repairs.	\$3,248,000
Rockefeller Piers/Rockefeller Signage	Construct new fishing piers and install educational signage.	\$690,000
St. Bernard State Park Improvements	Renovate park entrance station, restroom and bathhouse facilities, and construct event pavilion.	\$1,098,625
Cypremort Point State Park Improvements	Reinforce rock jetties, replace breakwater system, beach reclamation activities, replace fishing pier, and provide improvements to roads and parking areas.	\$4,477,338
The Wetlands Center	Construct an educational and cultural venue adjacent to the existing Lafitte community center, with wetlands and natural history exhibits.	\$2,000,000
Recreational Use Improvements at Jean Lafitte NHPP	Reconstruct boardwalk and trails, along with replacement and installation of wayside exhibits, within Jean Lafitte NHPP.	\$1,284,062
Des Allemands Boat Launch	Construct a new boat launch facility and associated boat/trailer parking, car parking, and wooden docks.	\$1,841,116
Middle Pearl	Improve existing boat launch and parking area, expand boat staging area, and install mooring docks and lighting.	\$575,000
Improvements to Grand Avouille Boat Launch	Construct new concrete boat ramp and apron, install wooden mooring docks, and improve parking area.	\$247,426
Belle Chasse	Construct a new back-down boat ramp and parking facility at existing unimproved boat launch off Walker Road in Belle Chasse.	\$250,000



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## SELECTED RESTORATION PROJECTS

PROJECT NAME	PROJECT DESCRIPTION	ESTIMATED COST
<b>RESTORE WATER QUALITY</b>		
<b>Nutrient Reduction on Dairy Farms in St. Helena and Tangipahoa Parishes</b>	Improve water quality by reducing nutrient runoff from dairy farms through the targeted implementation of conservation practices in critical areas within small watersheds that addresses nutrient loads to downstream receiving waters. This will provide benefits to coastal watersheds and resources.	\$1,500,000
<b>Nutrient Reduction on Dairy Farms in Washington Parish</b>	Improve water quality by reducing nutrient runoff from dairy farms through the targeted implementation of conservation practices in critical areas within small watersheds that addresses nutrient loads to downstream receiving waters. This will provide benefits to coastal watersheds and resources.	\$1,500,000
<b>Nutrient Reduction on Crop and Grazing Lands in Bayou Folse</b>	Improve water quality by reducing nutrient runoff from crop and grazing lands through the targeted implementation of conservation practices in critical areas within small watersheds that addresses nutrient and sediment loads to downstream receiving waters. This will provide benefits to coastal watersheds and resources.	\$3,000,000
<b>Winter Water Holding on Cropland in Vermilion and Cameron Parishes Plus Agricultural BMPs</b>	Improve water quality by retaining irrigation water over the fall/winter on cropland for the purpose of improving water quality and wildlife habitat. Reducing nutrient runoff from crop and grazing through the implementation of conservation practices that addresses nutrient and sediment loads to downstream receiving waters. This will provide benefits to coastal watersheds and resources.	\$3,500,000

