

Draft Strategic Restoration Plan/Environmental Assessment #3:
Wetlands, Coastal and Neashore Habitats in the Barataria Basin

Louisiana Trustee Implementation Group



DRAFT BARATARIA STRATEGIC PLAN DESCRIPTION

The coastal wetlands within the Barataria Basin provide the foundational habitat for its ecosystem, support resources and ecosystem services within the basin and throughout the Gulf of Mexico, and were among the most heavily oiled parts of the Gulf Coast after the *Deepwater Horizon* oil spill.

In the Draft Barataria Strategic Restoration Plan the Louisiana Trustee Implementation Group focuses on two results. First evaluation of different restoration strategies to determine how to best support restoring ecosystem-level injuries in the Gulf of Mexico through restoration in the Barataria Basin. The Trustees' preferred strategy includes a comprehensive suite of approaches, recognizing that one or two of them alone would not provide the benefits that all of them can together. They include:

- ✓ Large-scale Sediment Diversion
- ✓ Marsh Creation
- ✓ Ridge Restoration

Second, the plan proposes advancement of three projects for additional evaluation and planning (Table 1), and provides examples of 10 other potential projects (Table 2), all following the preferred suite of approaches listed above. Those projects and project examples are listed in tables on the flip side of this factsheet.

LOUISIANA RESTORATION

An Overview

Restoration work in the Louisiana Restoration Area will focus on restoring wetlands, coastal, and nearshore habitats, including habitats on federally managed lands; restoring water quality and habitat; replenishing and protecting wildlife and marine resources, such as sea turtles, dolphins, birds, and oysters; and providing and enhancing recreational opportunities.



Louisiana Draft Barataria Strategic Plan

PROJECTS PROPOSED FOR FUTURE RESTORATION PLANNING*

Table 1:

NAME	SUMMARY (All figures are approximate)	STRATEGY	COST ESTIMATE
Mid-Barataria Sediment Diversion	Located near Ironton in Plaquemines Parish. Would to build or maintain 8,000 acres of land in the near-term and 29,700 acres of land in the long-term.	Large-scale sediment diversion	\$999.8M
Large Scale Barataria Marsh Creation - Component E	Would create 12,900 acres of marsh in Plaquemines and Jefferson parishes, south of The Pen to the Barataria Landbridge, to create new wetland habitat and restore degraded marsh.	Large-scale Marsh Creation	\$674.5M
Spanish Pass Increment of the Barataria Basin Ridge & Marsh Creation	Would restore 120 acres of earthen ridge, and the create 1,100 acres of marsh with sediment dredged from the Mississippi River .	Combined Marsh Creation and Ridge Restoration	\$124.5M

OTHER PROJECT EXAMPLES CONSISTENT WITH RESTORATION STRATEGIES*

Table 2:

NAME	STRATEGY	COST ESTIMATE
Ama Sediment Diversion	Large-scale sediment diversion	\$882.3M
Lower Barataria Marsh Creation - Component A	Large-scale Marsh Creation	\$709.6
Grand Bayou Ridge Restoration	Ridge Restoration	\$10.3M
Bayou Eau Noire Ridge Restoration	Ridge Restoration	\$9.8M
Adams Bay Ridge Restoration	Ridge Restoration	\$7.2M
Red Pass Ridge Restoration	Ridge Restoration	\$3.4M
Lake Hermitage Shoreline Protection	Shoreline Protection	\$14.5M
East Snail Bay Shoreline Protection	Shoreline Protection	\$15.4M
West Snail Bay Shoreline Protection	Shoreline Protection	\$29.9M
Bayou Perot Shoreline Protection	Shoreline Protection	\$13.4M

*These projects are not being considered for funding at this time.