



# Bohemia Mississippi River Reintroduction (BS-15)

De-authorized

## Project Status

**Approved Date:** 2007      **Project Area:** 5,210 acres  
**Approved Funds:** \$0.50 M      **Total Est. Cost:** \$0.50 M  
**Net Benefit After 20 Years:** 637 acres  
**Status:** Engineering and Design  
**Project Type:** Freshwater Diversion  
**PPL #:** 17

## Location

The project is located in the Breton Sound basin in Plaquemines Parish along the east bank of the Mississippi River approximately eight to nine miles southeast of Pointe à la Hache, Louisiana, just northeast of, and across the river from, Port Sulfur.

## Problems

The proposed project area is characterized by very low wetland loss rates, which may be attributed to the land-building effects of the existing, nearby Bohemia diversion and the seasonal flooding of the Mississippi River, among other things. The proposed project is designed to help offset wetland losses elsewhere in the State by enhancing deltaic growth in the area characterized by lower wetland loss rates.



Existing marsh adjacent to Nestor Canal.

## Restoration Strategy

The project will restore natural delta-building capacity by reintroducing Mississippi River water and sediments into shallow, open water and existing wetlands. This will be achieved through the construction of a diversion with a capacity of approximately 10,000 cubic feet per second. Dredged material from channel improvements will be used to fill in existing oil and gas canals to create an estimated 14 acres of marsh. Three acres of trees will be planted on new spoil banks of the improved diversion channel. Aquatic vegetation in interior marsh ponds and channels is expected to increase naturally. An estimated 640 net acres of marsh will be created over the 20-year life of the project.

## Progress to Date

The project is currently in Phase I, Engineering and Design.

This project is on Priority Project List 17.

*For more project information, please contact:*



**Federal Sponsor:**  
 U.S. Environmental Protection Agency  
 Dallas, TX  
 (214) 665-7255



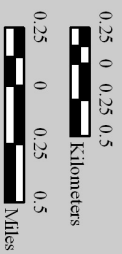
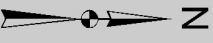
**Local Sponsor:**  
 Coastal Protection and Restoration Authority  
 Baton Rouge, LA  
 (225) 342-4736



# Bohemia Mississippi River Reintroduction (BS-15)

-  Plug \*
-  Diversion Channel Improvement \*
-  Forebay \*
-  Marsh Creation \*
-  Project Boundary

\*denotes proposed features



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:  
 2005 Digital Orthophoto Quarter Quadrangle  
 Map Date: November 08, 2007  
 Map ID: USGS-NWRC 2008-11-0060  
 Data accurate as of: August 23, 2007