October 2003
Cost figures as of: February 2023

Periodic Introduction of Sediment and Nutrients at Selected Diversion Sites Demonstration (MR-11)

De-authorized

Project Status

Approved Date: 2000 **Project Area:** N/A
Approved Funds: $0.08 M **Total Est. Cost:** $0.08 M
Net Benefit After 20 Years: N/A
Status: De-authorized
Project Type: Demonstration: Water Diversion
PPL #: 9

Location

This project will be located on the Mississippi River between Baton Rouge and the Gulf of Mexico. Possible sites for this sediment enrichment application could be both the Caernarvon freshwater diversion structure as well as a siphon diversion.

Problems

There is evidence that freshwater diversions from the Mississippi River do not provide as much sediment and nutrients into the adjacent wetlands as was formerly thought.

Restoration Strategy

The demonstration project will show how effective using a hydraulic pipeline dredge is to provide increased sediment through a diversion structure or siphon can be. Monitoring of the project will determine not only the characteristics of the sediment-input concentrations but also the subsequent effects in the outfall area.

Progress to Date

A study team has been assembled for preliminary engineering and design. Numerous potential sites have been considered. Both diversion structures and siphons are being considered as possible candidates for this demonstration project. This project is currently de-authorized.

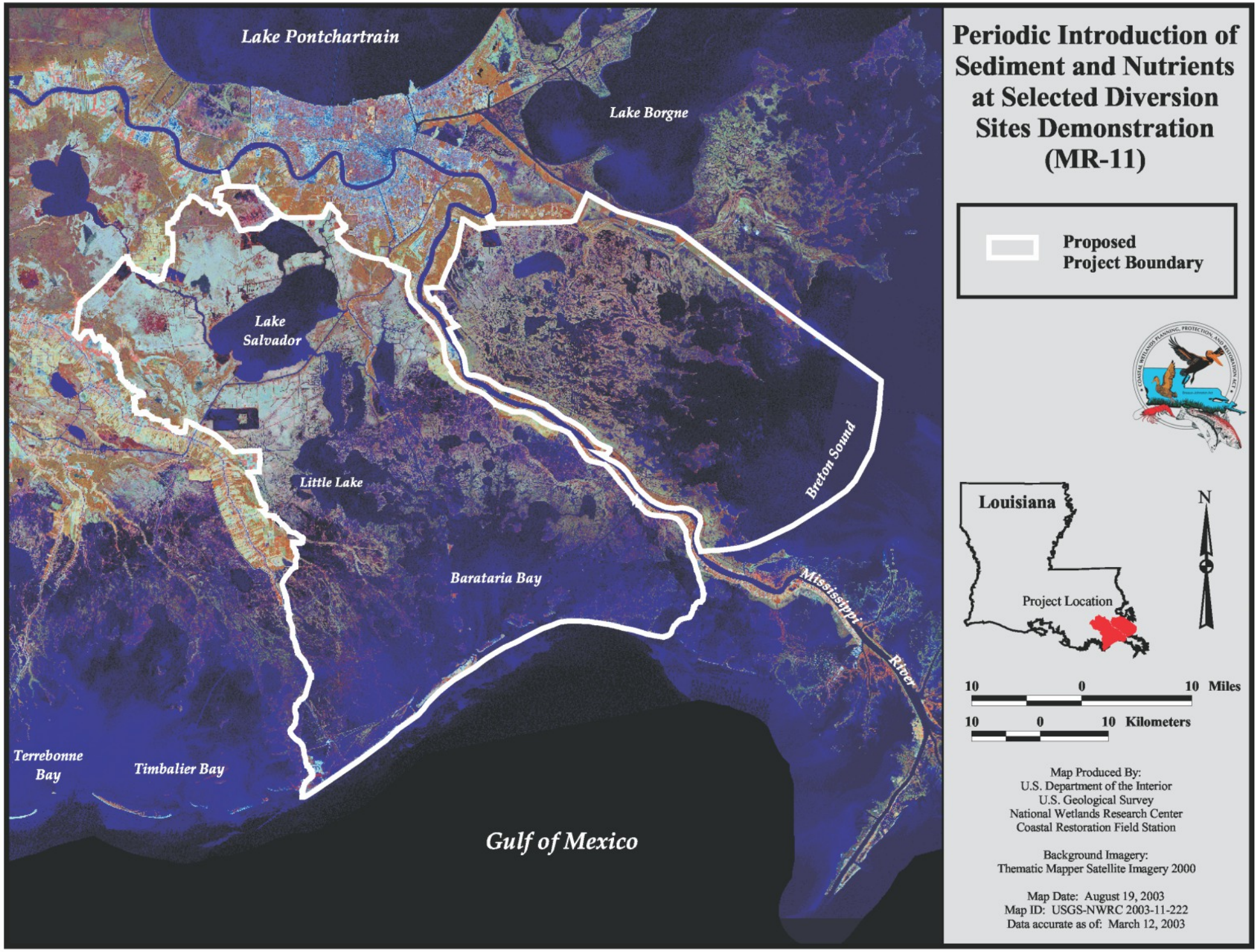
This project is on Priority Project List 9.

The Caernarvon diversion structure: a potential location of the sediment enrichment demonstration.

For more project information, please contact:

Federal Sponsor:
U.S. Army Corps of Engineers
New Orleans, LA
(504) 862-1597

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


Lake Pontchartrain
Lake Borgne
Lake Salvador
Little Lake
Barataria Bay
Breton Sound
Mississippi River
Terrebonne Bay
Timbalier Bay
Gulf of Mexico
Periodic Introduction of Sediment and Nutrients at Selected Diversion Sites Demonstration (MR-11)
Proposed Project Boundary
Louisiana
Project Location
N
10 0 10 Miles
10 0 10 Kilometers
Map Produced By:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station
Background Imagery:
Thematic Mapper Satellite Imagery 2000
Map Date: August 19, 2003
Map ID: USGS-NWRC 2003-11-222
Data accurate as of: March 12, 2003