January 2016
Cost figures as of: February 2023

Barataria Bay Rim Marsh Creation (BA-195)

Project Status

Approved Date: 2016 **Project Area:** 426 acres
Approved Funds: $2.69 M **Total Est. Cost**: $23.8 M
Net Benefit After 20 Years: 226 acres
Status: Engineering and Design
Project Type: Marsh Creation
PPL #: 25

Location

Region 2, Barataria Basin, Jefferson and Plaquemines Parishes

Problems

Historic wetland loss in the area occurs in the form of interior marsh loss and shoreline erosion along Barataria Bay. The interior loss is caused by subsidence, sediment deprivation, and construction of access and pipeline canals.

Restoration Strategy

The proposed project would create approximately 251 acres and nourish approximately 266 acres of marsh using sediment dredged from Barataria Bay. The majority of the dredged material would be fully contained. For creation of approximately 15 acres of marsh and nourishment of 34 acres in the eastern portion of the project, the dredged material would be semi-contained. Containment dikes will be degraded as necessary to reestablish hydrologic connectivity with adjacent wetlands. In case the area does not re-vegetate on its own, the maintenance cost estimate will include funds to plant 25% of the created marsh at Year 3.

Progress to Date

This project was approved for Phase I Engineering and Design in January 2016.

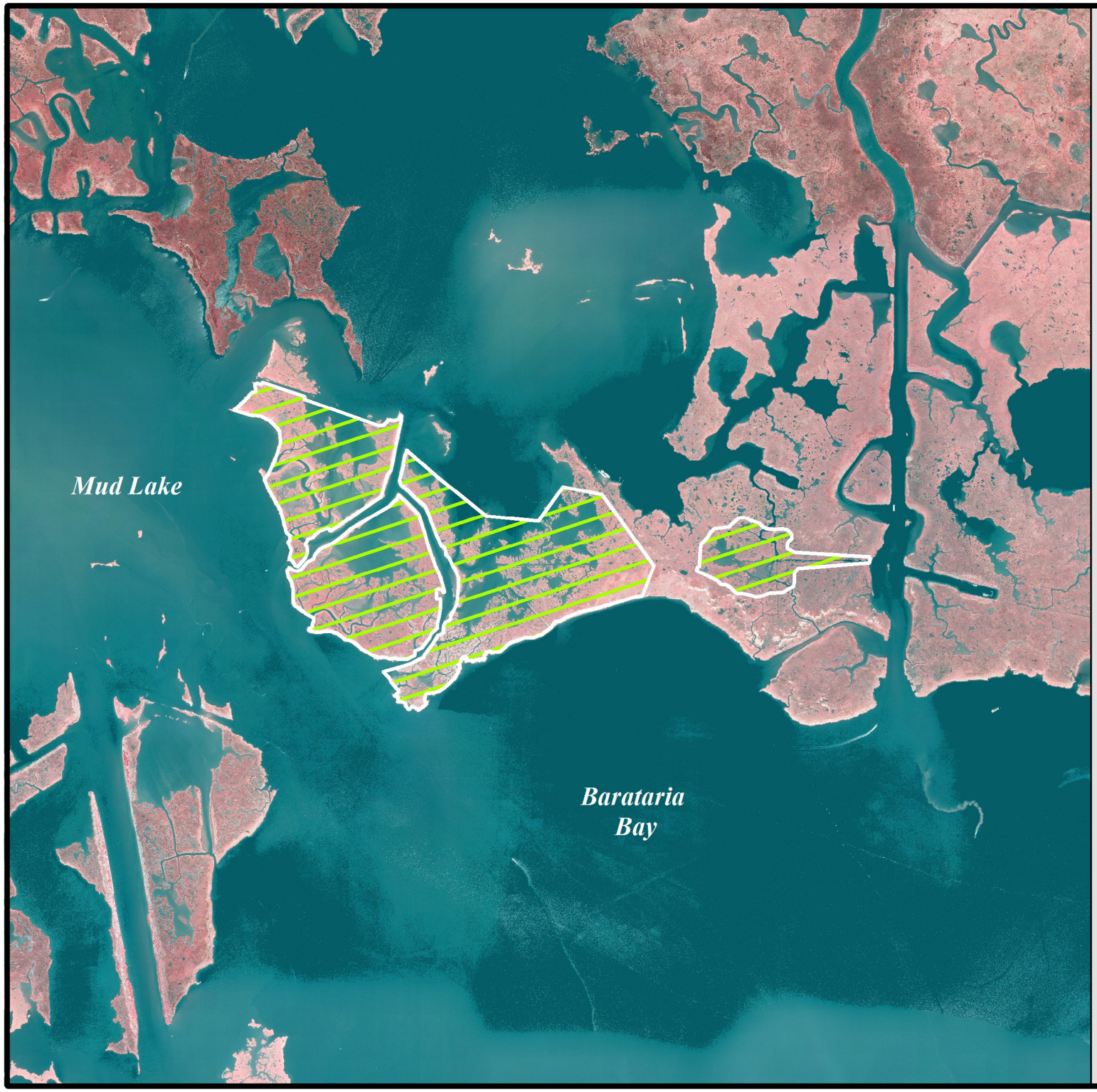
This project is on Priority Project List (PPL) 25.

Marsh creation is targeted for open water areas of the project area.

For more information, please contact:

Federal Sponsor:
Natural Resources Conservation Service
Alexandria, LA
(318) 473-7756

Local Sponsor:
Coastal Protection and Restoration Authority
Baton Rouge, LA
(225) 342-4733



Barataria Bay Rim Marsh Creation and Nourishment (BA-195)

Marsh Creation

Project Boundary

USGS
science for a changing world

N

0.2 0 0.2 0.4 Kilometers

0.2 0 0.2 0.4 Miles

Map Produced by:
U.S. Department of the Interior
U.S. Geological Survey
Wetland and Aquatic Research Center
Coastal Restoration Assessment Branch
Baton Rouge, La.

Background Imagery:
2012 Coastwide Photography

Map Date: February 10, 2016
Map ID: USGS-NWRC 2016-11-0021
Data accurate as of: January 29, 2016