



Mississippi River Sediment Delivery System-Bayou Dupont (BA-39)

Coastal Wetlands Planning, Protection and Restoration Act

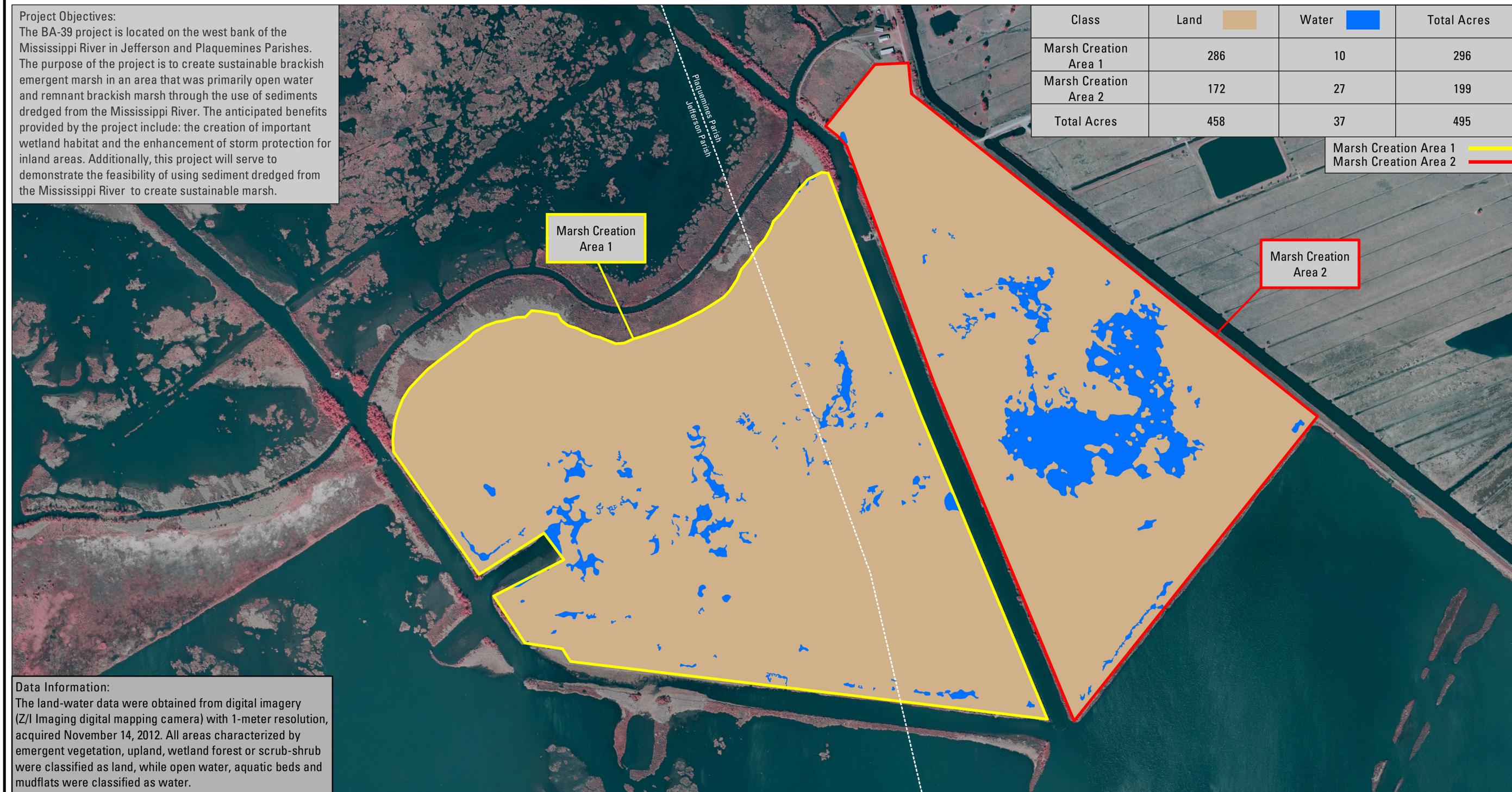
2012 Land-Water Classification



Project Objectives:
 The BA-39 project is located on the west bank of the Mississippi River in Jefferson and Plaquemines Parishes. The purpose of the project is to create sustainable brackish emergent marsh in an area that was primarily open water and remnant brackish marsh through the use of sediments dredged from the Mississippi River. The anticipated benefits provided by the project include: the creation of important wetland habitat and the enhancement of storm protection for inland areas. Additionally, this project will serve to demonstrate the feasibility of using sediment dredged from the Mississippi River to create sustainable marsh.

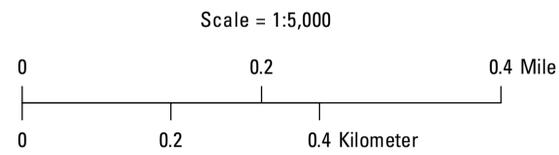
Class	Land 	Water 	Total Acres
Marsh Creation Area 1	286	10	296
Marsh Creation Area 2	172	27	199
Total Acres	458	37	495

Marsh Creation Area 1 
 Marsh Creation Area 2 



Data Information:
 The land-water data were obtained from digital imagery (Z/I Imaging digital mapping camera) with 1-meter resolution, acquired November 14, 2012. All areas characterized by emergent vegetation, upland, wetland forest or scrub-shrub were classified as land, while open water, aquatic beds and mudflats were classified as water.

Prepared by:
 U.S. Department of the Interior
 U.S. Geological Survey
 National Wetlands Research Center
 Lafayette, Louisiana
 and
 Louisiana Coastal Protection and Restoration Authority
 New Orleans Regional Office



Federal Sponsor:
 U.S. Environmental Protection Agency



Map ID: USGS-NWRC 2013-02-0061