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.

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.

<table>
<thead>
<tr>
<th>Marsh Creation Area</th>
<th>Land</th>
<th>Water</th>
<th>Total Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area 1</td>
<td>286</td>
<td>10</td>
<td>296</td>
</tr>
<tr>
<td>Area 2</td>
<td>172</td>
<td>27</td>
<td>199</td>
</tr>
<tr>
<td>Total Acres</td>
<td>458</td>
<td>37</td>
<td>495</td>
</tr>
</tbody>
</table>

Project Location:
Jefferson and Plaquemines Parishes

Federal Sponsor:
U.S. Environmental Protection Agency

Map ID: USGS-NWRC 2013-02-0061

Coastal Wetlands Planning, Protection and Restoration Act
2012 Land-Water Classification

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