# CRMS Site 4014

Coastwide Reference Monitoring System (CRMS)

2005 Digital Image and Land-Water Analysis

**2005 Digital Image**

**2005 Land-Water Analysis**

Prepared by:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Lafayette, Louisiana
Prepared for:
Louisiana Department of Natural Resources
Coastal Restoration Division
Thibodaux Field Office


Data Source:
The land-water data were obtained from digital imagery (Z/I Imaging digital mapping camera) with 1-meter resolution, acquired October-November 2005. 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.

Scale 1:5,500

0.25 0 0.25 Miles

0.25 0 0.25 0.5 Kilometers

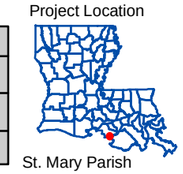
Data Collection Area (DCA)

The DCA includes field samplings of water level, salinity, vegetation, surface elevation change, and soils.

**2005 Land-Water Acreage Results**

| Class | Study Area |
|---|---|
| Land | 212 |
| Water | 36 |
| **Total** | **248** |

Project Location



St. Mary Parish

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