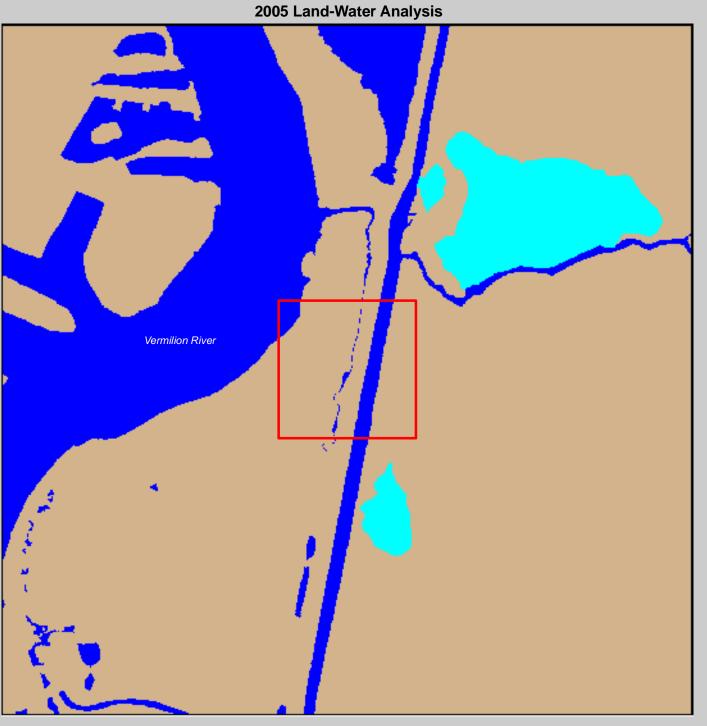


CRMS Site 552
Coastwide Reference Monitoring System (CRMS)
2005 Digital Image and Land-Water Analysis









Prepared by:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Lafayette, Louisiana Prepared for: Coastal Restoration Division Lafayette 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, Louisiana Department of Natural Resources upland, wetland forest, or scrub-shrub were 0.25 classified as land, while open water, aquatic beds, and mudflats were classified as water.

Scale 1:5,500 0.25 0.25 0.5 Kilometers

## Data Collection (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            | 184        |
| Water           | 52         |
| Flooded<br>Land | 12         |
| Total           | 248        |

