Oaks/Avery Canal Hydrologic Restoration, Increment 1 (TV-13a)

**Project Status**

Approved Date: 1997  
Project Area: 3,348 acres  
Approved Funds: $2.92 M  
Total Est. Cost: $2.92 M  
Net Benefit After 20 Years: 160 acres  
Status: Completed Oct. 2002  
Project Type: Hydrologic Restoration  
PPL #: 6

**Location**

This project is located in northeast Vermilion Bay in the vicinity of the Oaks and Avery canals and Tigre Lagoon, and in both Vermilion and Iberia Parishes, Louisiana.

**Problems**

Marsh loss is caused by increased tidal action and altered hydrology. The north shoreline of Vermilion Bay is eroding at a rate of 13 feet/year, and marine traffic is causing shoreline erosion along the Gulf Intracoastal Waterway (GIWW).

**Restoration Strategy**

This project will improve hydrology and reduce tidal fluctuation to minimize marsh loss and provide protection to critically eroding shoreline areas.

Project components include shoreline stabilization at the mouth of Oaks Canal; shoreline protection along the GIWW; a low sill rock weir at Cow Path Channel east of Oaks Canal; an armored plug in the breached opening along the Union Oil Canal; spoil bank maintenance on the western side of the Union Oil Canal; and vegetative plantings along the northern shoreline of Vermilion Bay from Oaks Canal eastward to Avery Canal.

The low sill rock weir east of the Oaks Canal and the armored plug at the Union Oil Canal will restore historic hydrologic conditions and reduce the surge effect of large marine traffic within interior marshes. The project will increase marsh, fish, and wildlife productivity by reducing shoreline erosion and improving altered hydrology.

**For more project 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) 342-4736

www.LaCoast.gov