Weeks Bay Marsh Creation and Shore Protection/Commercial Canal Freshwater Redirection (TV-19)

Project Status

Approved Date: 2000  Project Area: 0 acres
Approved Funds: $0.53 M  Total Est. Cost: $0.53 M
Net Benefit After 20 Years: 278 acres
Status: Transferred
Project Type: Marsh Creation and Shoreline Protection
PPL #: 9

Location

This project is located in Iberia Parish, Louisiana, in the northeastern area of Vermilion and Weeks Bays.

Problems

Shoreline and bank erosion is occurring within this area as a result of heavy wind and wake activity. Openings along the shoreline, along with the dredging of Commercial Canal, have resulted in increased tidal energy and adverse saltwater intrusion into interior wetlands. These openings also prevent the Atchafalaya River’s sediment-laden fresh water from reaching marshes within the western portion of the Teche/Vermilion Basin.

Restoration Strategy

Project components will include constructing retention levees, dedicating placement of dredged material, re-vegetating critical areas along the north shoreline, and armoring shore and bank areas.

Progress to Date

The Louisiana Coastal Wetlands Conservation and Restoration Task Force approved funding for engineering and design. Vibracore soil samples have been taken in the project area to verify foundation conditions. Initial review of these samples confirms that the bearing capacity of the bay bottom is very limited. Hydrographic surveys are currently underway to support hydrologic circulation modeling and design studies.

This project is on Priority Project List 9.

For more information, please contact:

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Local Sponsor:
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