Hopedale Hydrologic Restoration (PO-24)

Project Status
Approved Date: 1999  
Project Area: 3,805 acres  
Approved Funds: $2.28 M  
Total Est. Cost: $2.28 M  
Net Benefit After 20 Years: 134 acres  
Status: Completed  
Project Type: Hydrologic Restoration  
PPL #: 8

Location
The project is located southeast of Yscloskey in St. Bernard Parish, Louisiana.

Problems
In the 1950s, a water control structure was placed in a canal leading from the project area to Bayou la Loutre. This canal parallels the back Mississippi River Gulf Outlet (MRGO) spoil containment dike. When installed, this structure contained three culverts with flapgates. As time passed, the flapgates were removed and never replaced. During recent years, two of the three culverts have collapsed, adversely impacting wetlands in the project area through the loss of drainage capability. Increased water elevations from high tides and rainfall ponding on the marsh surface have reduced plant health and led to accelerated marsh loss.

Restoration Strategy
This project will abate site-specific wetland loss by replacing collapsed culverts installed in the 1950s near Yscloskey. These degraded water control structures are currently preventing the drainage of high tides and stormwater runoff, resulting in impounded water on the marsh. The new culverts will also maintain fisheries access to the project area.

For more project information, please contact:

Federal Sponsor: National Marine Fisheries Service
Baton Rouge, LA
(225) 389-0508

Local Sponsor: Coastal Protection and Restoration Authority
Baton Rouge, LA
(225) 342-4736

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