Sabine Refuge Marsh Creation  
Cycle III (CS-28-3)

**Project Status**
- **Approved Date:** 2004  
- **Project Area:** 10,551 acres *  
- **Approved Funds:** $2.97 M  
- **Total Est. Cost:** $3.03 M  
- **Net Benefit After 20 Years:** 187 acres  
- **Status:** Completed  
- **Project Type:** Marsh Creation  
- **PPL #:** 8

**Location**
This project is located in the Sabine National Wildlife Refuge, west of LA Highway 27, in large, open water areas west of Brown’s Lake in Cameron Parish, Louisiana.

**Problems**
The project area is experiencing marsh degradation due to saltwater intrusion and freshwater loss. This has resulted in the conversion of vegetated intermediate marsh to large shallow open water areas. Salinity migrates into the region from the Calcasieu River. Southerly winds push saline waters into the project area through existing canals and bayous. Wind driven waves cause further loss of the remaining marsh fringe.

**Restoration Strategy**
Cycle III consists of the creation of 232 acres of marsh platform using material dredged from the Calcasieu River Ship Channel. Between February 12 and March 31, 2007, 828,767 cubic yards of dredged sediment material was placed into the Sabine Refuge Cycle III marsh creation area. The dredged material is contained by earthen dikes. Lower level earthen overflow weirs were constructed to assist in the dewatering of the marsh creation disposal area and to create fringe marsh with the overflow. The dredged slurry has been placed between elevations 2.03 NA VD 88 to 2.71 NA VD 88.

For more information, please contact:

**Federal Sponsor:**
U.S. Army Corps of Engineers  
New Orleans, LA  
(504) 862-1597

**U.S. Fish and Wildlife Service:**
Lafayette, LA  
(337) 291-3100

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

* Acreage is the total for all 5 cycles.