Project Status
Approved Date: 1999  Project Area: 1,496 acres
Approved Funds: $1.18 M  Total Est. Cost: $1.18 M
Net Benefit After 20 Years: 24 acres
Status: Completed
Project Type: Shoreline Protection
PPL #: 9

Location
The project is located immediately south of Hell Hole in the southern portion of Vermilion Bay within the Louisiana Wildlife Management Area Game Preserve and the Paul J. Rainey Wildlife Sanctuary, west of Southwest Pass in Vermilion Parish, Louisiana.

Problems
In 1971 Sea Robin Pipeline Company (now owned by Trunkline Gas Co.) constructed a 36-inch natural gas pipeline originating offshore in the Gulf of Mexico. It traverses north and south through the two refuges and Vermilion Bay to Henry, Louisiana. Pre-cast articulating concrete block mat systems were constructed at the Gulf shoreline. They are modular in design and are attached by stainless steel cables. They protect underlying subgrades while allowing beneficial vegetative growth. An earthen dike was also constructed approximately midway between the Gulf and Lake Portage, as was a wooden bulkhead at the south shore of Lake Portage (a.k.a. Portage Lake). Since that time significant erosion has begun to occur on both the east and west sides of the mat system. Also, the earthen dike and wooden bulkhead have been breached leaving the pipeline canal susceptible to tidal exchange between the Gulf and Lake Portage and eventually Vermilion Bay.

Restoration Strategy
The project was authorized to address localized wetland loss and imminent breaching of the pipeline canal between Lake Portage and the Gulf of Mexico. Project features include backfilling of the pipeline canal with dedicated dredge material from Vermilion Bay.

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

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