October 2003
Cost figures as of: March 2013

North Lake Boudreaux Basin Freshwater Introduction and Hydrologic Management (TE-32a)

Project Status

Approved Date: 1997 **Project Area:** 9,795 acres
Approved Funds: $20.0 M **Total Est. Cost:** $25.7 M
Net Benefit After 20 Years: 266 acres
Status: Engineering and Design
Project Type: Water Diversion
PPL #: 6

Location

The project is located in Terrebonne Parish, approximately 5 miles southwest of Chauvin, Louisiana.

Problems

The area is suffering from a lack of fresh water, increasing the negative effects of saltwater intrusion into the north Lake Boudreaux basin marshes.

Restoration Strategy

The purpose of the project is to reduce deterioration and loss of area marshes by seasonally introducing fresh water from the Houma Navigation Canal. This project includes the construction of a freshwater conveyance channel with water management gates and the installation of several outfall management structures to allow drainage and reduce ponding of water.

Progress to Date

The contracted Feasibility Study report has indicated that the project, as proposed, can introduce the originally projected volumes of fresh water. Prior to beginning engineering and design work, a landrights assessment is being conducted to better determine where the project's conveyance channel can be located.

This project is on Priority Project List 6.

Dead cypress swamps in the northern part of the project area.

Aerial view of dead cypress swamps in the northern part of the project area.

For more project information, please contact:

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

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

North Lake Boudreaux Basin Freshwater Introduction and Hydrologic Management (TE-32a)

- Culvert*
- Plug*
- Water Control Structure*
- Bridge*
- Levee
- Freshwater Diversion*
- Marsh Creation Area*
- Project Boundary

* denotes proposed feature

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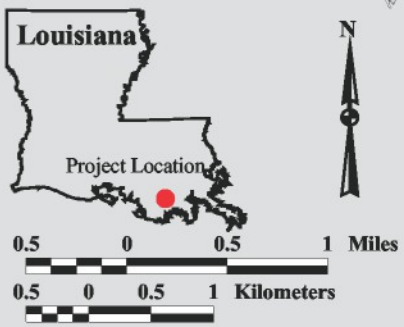

Map Produced By:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station

Background Imagery:
1998 Digital Orthophoto Quarter Qaud
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