CIAP-Project Nominee Fact Sheet

Project Title: Bayou du Portage Hydrologic Restoration Project-Phase 2

Entity/Individual nominating the project: St. Martin Parish, Louisiana

Contact Information: 1. **Guy Cormier**
Parish President
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Total CIAP Funds Requested: **$**
Requested State Fund: **$**
Parish Allocation: **$**

Infrastructure Funds Proposed: **$**

Description and Location of the Project: The Bayou du Portage watershed is located in St. Martin and Iberia Parishes, to the east of the City of St. Martinsville in St. Martin Parish and north of the village of Loreauville in Iberia Parish, Louisiana. The Bayou drains an area located between the east bank alluvial ridge of Bayou Teche and the West Atchafalaya Basin Protection Levee (WABPL), approximately 29,300 acres of land, much of which is agricultural, into Lake Dauterive. From its outlet on Lake Dauterive, it extends generally in a westerly direction approximately 12.9 miles to its upper end near Bayou Teche. From Lake Dauterive upstream 8.4 miles, the Bayou serves as the boundary between St. Martin and Iberia Parishes.
The proposed project to be constructed as Phase 2 includes:

- Gapping of any spoil banks in the project area to promote exchange of freshwater, nutrients, and sediment between the bayou and adjacent cypress-tupelo swamps.
- Construction of an in-line sand trap toward the southern most end of the Bayou, before it enters the swamp to reduce the sediment load currently flowing into Lake Dauterive.

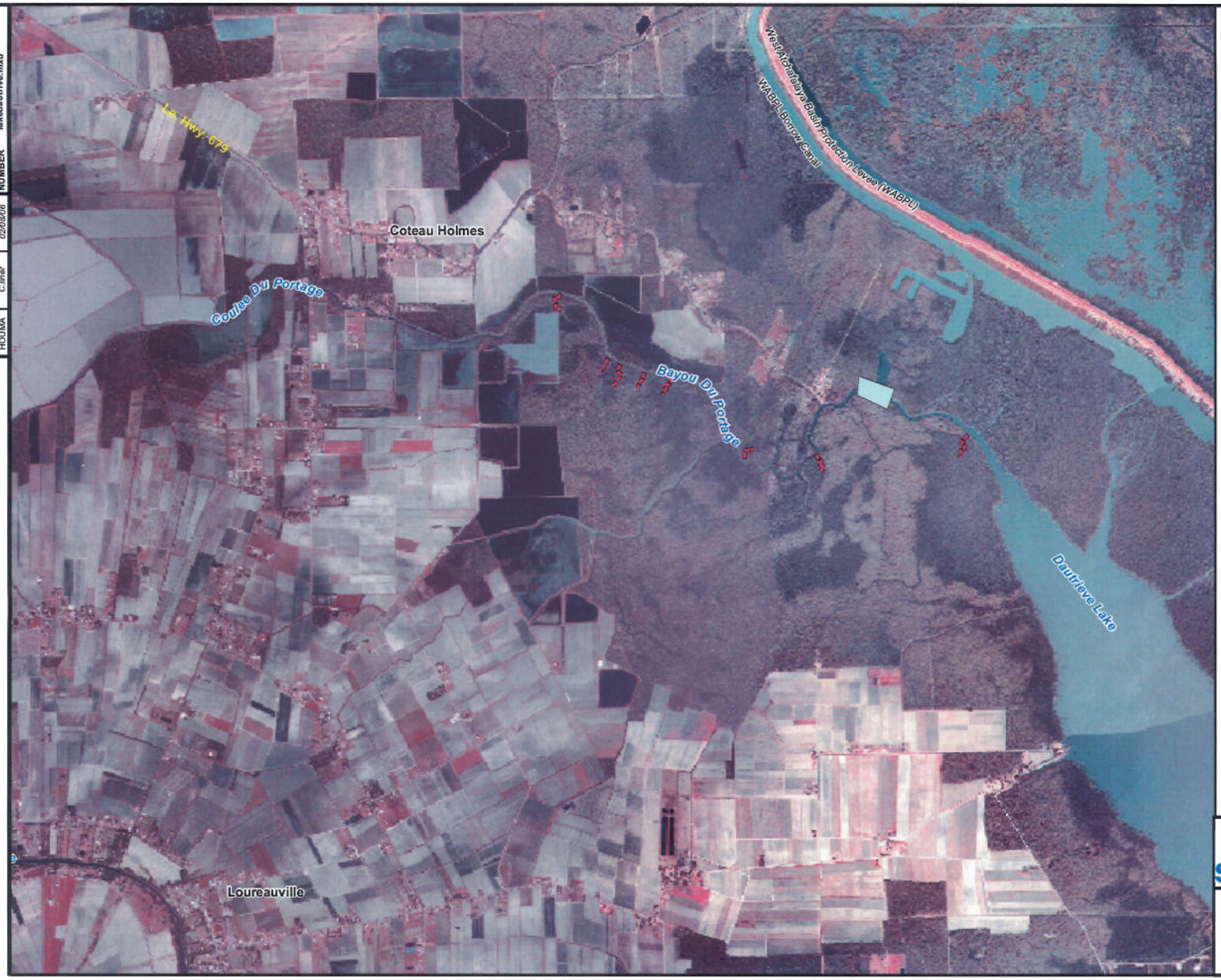
Project Type: Conservation, protection and restoration of coastal area, including wetland.

Project Justification:

Bayou du Portage and Lake Dauterive have been identified as major sources of suspended and dissolved sediments that have, over time, lead to significant shallowing of portions of the lake, in addition to being a source of high nutrient concentrations shown to be responsible for eutrophication in the southern end of Lake Dauterive.

Gapping of the spoil banks will act to divert waters (agricultural runoff) into the adjacent swamp, facilitating removal of sediment, excess nutrients, and pesticides, thereby improving the non-point source pollutants moving into Lake Dauterive during heavy rain, flooding and storm events.

Project Cost Share: **State = %**
Parish = %



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Feet

Legend

Spoil Bank Gapping

In-line Sand Traps

REFERENCE: 2004 DOQQ Aerial Photography

Shaw

ST. MARTIN PARISH

Bayou du Portage - Lake Dauterive Hydrologic Restoration Project - Phase 2

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