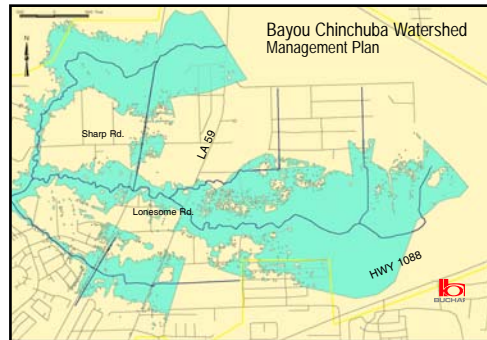


## Bayou Chinchuba Study Addresses Flooding in Louisiana

Bayous, areas of slow moving water often overgrown with reeds, are essential to the economic and ecological health of the Gulf Coast. Wildlife, fish populations, and water quality all depend upon the health of the bayous and wetlands of the Gulf Region.

Buchart Horn hydraulics and hydrology engineers completed a study of the 6,400 acres within the 7.5 mile corridor of the Bayou Chinchuba that flows through St. Tammany Parish, Louisiana before discharging into Lake Pontchartrain, New Orleans. Funding for this project was initiated with a grant from the National Oceanic and Atmospheric Administration of the U.S. Department of Commerce. Because of development along the corridor and its narrow and debris-clogged channel, Bayou Chinchuba was prone to severe flooding. Buchart

Horn's study presented the Parish with a comprehensive flood reduction plan to promote effective management of residential and commercial development throughout the watershed.



(Geographic Information System) data to map the Bayou's drainage basin.

The final plan recommended ways to reduce pollution entering the Bayou and assessed current laws, rules, and regulations protecting the basin.