



NFWF

Gulf Environmental Benefit Fund

TEXAS

# Powderhorn Lake and Matagorda Bay Shoreline Conservation- Phase I

This project is part of a multi-phased shoreline stabilization and habitat conservation project that ultimately aims to reduce shoreline erosion and protect 5,300 acres of wetlands, including approximately 1,000 acres of emergent estuarine marsh along the shores of Powderhorn Lake and Matagorda Bay. This investment will provide for the engineering and design of over 2 miles of shoreline stabilization within the Powderhorn Wildlife Management Area (WMA) and State Park, a newly established Texas conservation property made possible through the GEBF-funded acquisition of over 17,000 acres of high quality coastal habitat along the shores of Matagorda Bay. In addition, the project will protect the mouth of Powderhorn Lake, preserving estuarine salinity gradients and ensuring the long term sustainability of sensitive coastal habitats (salt marsh, oyster reefs, sea grasses) that are threatened with some of the highest rates of shoreline erosion in Matagorda Bay.

The findings and designs that result from this project will be incorporated within a master effort to enhance, restore and protect nearly 10 miles of shoreline and the newest coastal WMA and Park in the Texas system – Powderhorn Ranch. This comprehensive vision for this area is a high priority within the Texas Coastal Resilience Master Plan, which is slated for implementation funding from various sources, e.g. NRDA, GOMESA, and the Texas Coastal Erosion Planning and Response Act (CEPRA).



This project will protect marsh habitat and the various bird species that rely on the habitat, such as the whooping crane (right).

AT A GLANCE

**RECIPIENT:**  
Texas General Land Office

**AWARD AMOUNT:**  
\$560,000

**PARTNERS:**  
Texas Parks and Wildlife Foundation

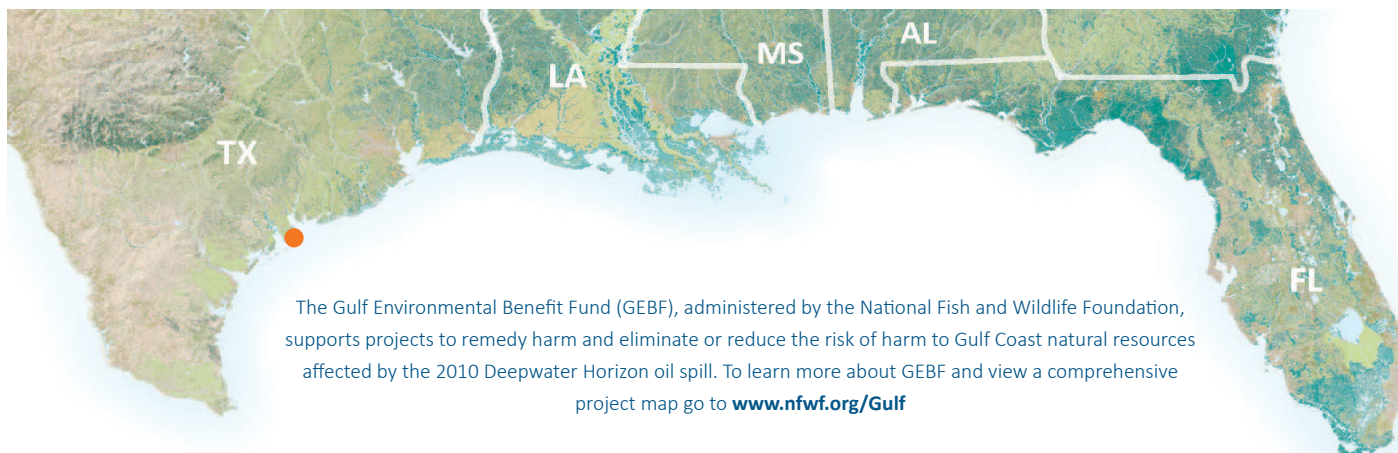
Texas Parks and Wildlife Department

Calhoun Port Authority

**LOCATION:**  
Calhoun County

**AWARD DATE:**  
November 2020

**STATUS:**  
Active



The Gulf Environmental Benefit Fund (GEBF), administered by the National Fish and Wildlife Foundation, supports projects to remedy harm and eliminate or reduce the risk of harm to Gulf Coast natural resources affected by the 2010 Deepwater Horizon oil spill. To learn more about GEBF and view a comprehensive project map go to [www.nfwf.org/Gulf](http://www.nfwf.org/Gulf)