



NFWF

Gulf Environmental Benefit Fund

TEXAS

# Greens Lake Shoreline Protection and Marsh Construction Project- Phase II

This project will complete construction of 3.3 miles of shoreline protection breakwaters along a highly-eroded section of the Gulf Intercoastal Waterway (GIWW) adjacent to the Greens Lake Marsh Complex. The Greens Lake Marsh Complex is a 5,100 acre coastal marsh complex adjacent to West Galveston Bay that consists of ecologically important coastal habitats including fresh and brackish coastal marsh, transitional high marsh and coastal prairie, dendritic tidal channels, and open water containing submerged aquatic vegetation and oyster beds. These habitats are critically important for numerous species of waterfowl, shorebirds and wading birds.

Phase I of this effort completed surveys, analysis, and engineering and design work. This section of the GIWW has been rated as one of the highest priorities in need of shoreline restoration. Protection and restoration of the Greens Lake Marsh Complex will enhance critical coastal marsh habitats which have been degraded by effects of shoreline erosion and saltwater intrusion. Additional restoration activities in the marsh complex will enhance and replenish coastal habitats that were adversely impacted by the Deepwater Horizon Oil Spill. The proposed project is aligned with other critical habitat protection and restoration activities in Galveston Bay and will build upon and enhance previous conservation areas by protecting and restoring valuable habitat within the West Bay Conservation Corridor.

AT A GLANCE

RECIPIENT:

Ducks Unlimited

AWARD AMOUNT:

\$4,025,000

PARTNERS:

Galveston Bay Foundation

LOCATION:

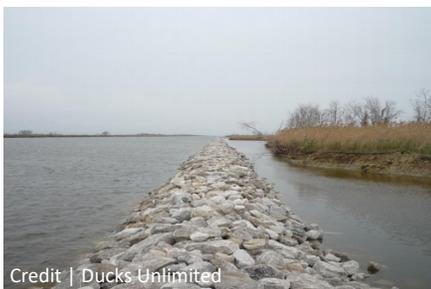
Greens Lake Marsh, Galveston County

AWARD DATE:

November 2018

STATUS:

Awarded



Credit | Ducks Unlimited



Credit | Texas General Land Office

Above left, breakwater similar to the construction design at the project site; above right, the Green's Lake Marsh Complex outlined in red.



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)