



NFWF

Gulf Environmental Benefit Fund

ALABAMA

Dauphin Island East End Beach and Dune Restoration - Phase I

This project will complete engineering, design, and permitting for the restoration of nearly a mile of beach and dune habitat on the east end of Dauphin Island, a 14-mile long barrier island off the coast of Mobile County. The initial project concept is to place an estimated 1.2 million cubic yards of sand along 4,800 feet of shoreline to restore 35 acres of beach and dune habitat. Additional measures, such as planting and sand fencing, would be included as appropriate to assist in retaining sand on the restored beach and dune system. In 2016, the Town completed the first phase of this priority beach restoration project using Coastal Impact Assistance Program funds.

A 2014 GEBF award to the Corps of Engineers was used to assess restoration options for Dauphin Island to enhance the island's resilience and improve fish and wildlife habitat. The assessment was intended to better understand how various restoration alternatives can optimize the island's resiliency to storm events, enhance wildlife habitat and bolster the island's lifespan. Dauphin Island is a strategically significant 14-mile barrier island in the northern Gulf of Mexico, serving as the only barrier island providing protection to the state of Alabama's coastal resources. It provides valuable habitat for living coastal and marine resources and protects important Mississippi Sound resources while also maintaining important ecological conditions (salinity) within the Sound which are critical to its fisheries, oysters and seagrass beds. The island is also a significant trans-Gulf migratory bird stopover area and provides habitat to numerous beach nesting birds. Completion of the restoration of the east end beach and dunes was identified as a priority restoration action within the Corps' study, which has recently been completed.



Credit | Town of Dauphin Island

Pictured above, a map of the project location.

AT A GLANCE

RECIPIENT:

Town of Dauphin Island

AWARD AMOUNT:

\$1,400,000

PARTNERS:

Alabama Department of Conservation and Natural Resources

Dauphin Island Park and Beach Board

LOCATION:

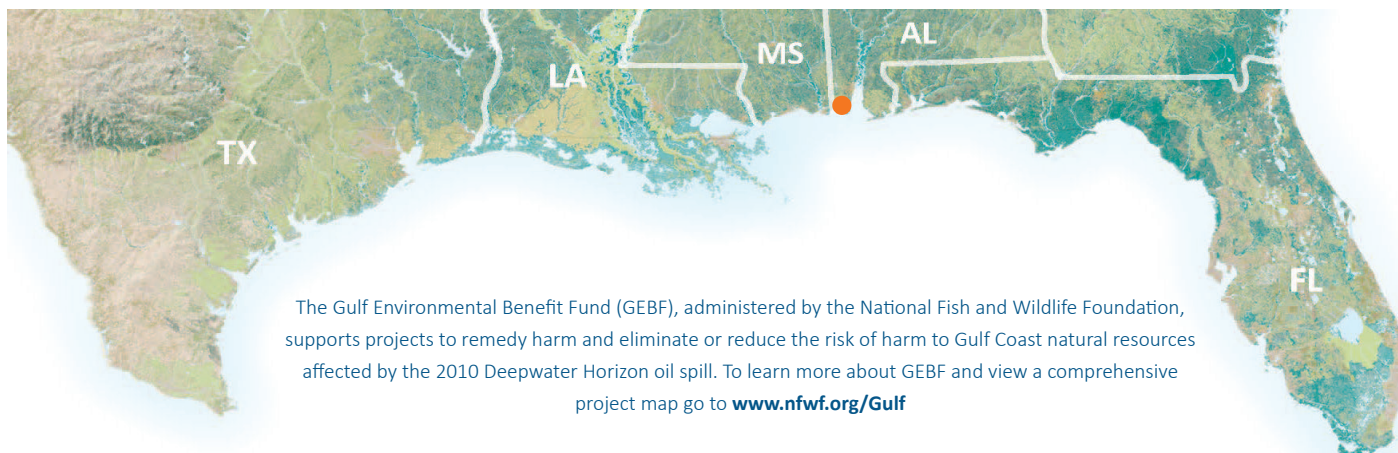
Dauphin Island

AWARD DATE:

November 2020

STATUS:

Awarded



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