



NFWF

Gulf Environmental Benefit Fund

RECIPIENT

Louisiana Coastal Protection and Restoration Authority

AMOUNT

\$5,589,000

LOCATION

Lafourche Parish, LA

ANNOUNCEMENT DATE

November 2013

PROGRESS UPDATE

Louisiana Coastal Protection and Restoration Authority vetted nourishment alternatives coming out of the Delft modeling. Two initiatives were reviewed with a high sediment nourishment for East Timbalier Island, with low sediment nourishment for West Belle Pass Headland being favored. (August 2016)

The Gulf Environmental Benefit Fund, administered by the National Fish and Wildlife Foundation (NFWF), 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 NFWF, go to www.nfwf.org.

LOUISIANA

East Timbalier Island: Engineering & Design

This project will complete necessary planning analysis to determine size and scope of the project as well as engineering, design, land rights and permitting activities. The end result of this effort will be a set of construction bid documents.

East Timbalier Island is part of a barrier island chain that separates Terrebonne and Timbalier bays from the Gulf of Mexico. The island is currently comprised of two severely degraded segments; the proposed project would re-establish the historic footprint, reconnecting the two segments.

East Timbalier Island has been severely degraded due to the impacts of several strong storms, subsidence and other factors. Historically, the island served to define the seaward boundary of the eastern Terrebonne Basin estuary, reducing the transmission of Gulf waves into Terrebonne Bay. This project is critical to maintain lower wave-energy environments in eastern Terrebonne Basin, which protects fragile interior marshes and infrastructure and provides quiescent bay habitats preferred by many fish and invertebrate species. In addition, the island provides critical beach, dune, and marsh habitat in isolation from the human disturbances that typically impact many gulf coast barrier islands.



The re-establishment of a severely degraded barrier island will protect fragile marshes and provide critical habitat for Gulf Coast birds.