

## Habitat Construction Restoration Projects

### TEXAS RESTORATION AREA

#### McFaddin Beach and Dune Restoration

The McFaddin Beach and Dune Restoration project includes placement of sand along approximately 17 miles of shoreline in northeastern Texas. This project will fund about a third of the estimated \$45,000,000 total project cost. The Texas TIG will partner with other funding sources to complete the construction implementation, monitoring, and/or planning activities. This project will provide important ecological benefits by restoring lost beach and dune habitat and by helping to slow or stop marsh and land loss in McFaddin National Wildlife Refuge interior marshes. The estimated cost of this project is \$15,874,000.

#### Bessie Heights Wetland Restoration

The Bessie Heights Wetland Restoration project restores wetlands in Bessie Heights Marsh located within the Lower Neches Wildlife Management Area in Orange County, Texas. The project will beneficially use sediment obtained from dredging of the federally managed Sabine-Neches Waterway, and mining dredged material from dredged material placement areas and private navigation channels and berths to restore coastal wetlands. The placement of dredge material, construction of containment levees, and associated planting will restore up to 900 acres of intertidal marsh. The estimated cost for the project is \$4,905,000.

#### Pierce Marsh Wetland Restoration

The Pierce Marsh Wetland Restoration project restores and conserves wetlands and coastal habitats by beneficially using dredged material to create a viable, vegetated wetland habitat for a variety of plants, fish, birds, and other wildlife that frequent the area. The placement of dredge material and associated planting will restore up to 150 acres of marsh and contribute to an ongoing effort to restore the wetland

complex in West Galveston Bay. The estimated cost for the project is \$3,095,000.

#### Indian Point Shoreline Erosion Protection

The Indian Point Shoreline Erosion Protection project constructs 2,800 linear-feet of segmented breakwaters to protect 50 acres of critical seagrass, coastal marsh, lagoons, and associated upland habitats within Indian Point on Corpus Christi Bay in San Patricio County. The project will protect the existing shoreline from wind and wave driven erosion and protect the remaining marsh and associated coastal habitats adjacent to the shoreline. The estimated cost for the project is \$2,199,000.

#### Bahia Grande Hydrologic Restoration

The Bahia Grande Hydrologic Restoration project restores and conserves the Bahia Grande wetland complex in the Laguna Atascosa National Wildlife Refuge near Brownsville, Texas. This project will enlarge and stabilize a pilot channel that will increase tidal flow into Bahia Grande, restoring the system's natural tidal exchange and create habitat for a variety of fish, shellfish, and migratory waterfowl. The estimated cost for the project is \$5,050,000.



Grass is planted in a newly created salt marsh.





For more information on these projects or any others, you can access the full Deepwater Horizon Oil Spill Texas Trustee Implementation Group 2017 Restoration Plan and Environmental Assessment: Restoration of Wetlands, Coastal and Nearshore Habitats; and Oysters online at [www.gulfspillrestoration.noaa.gov/restoration-areas/texas](http://www.gulfspillrestoration.noaa.gov/restoration-areas/texas)



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