The primary goal of this project is to fill shallow open water areas and nourish marshes north of Terrebonne Bay/Lake Barre thereby reducing the tidal prism north of Terrebonne Bay and interior land loss from tidal scouring. Specific Goals: 1) Create 365 acres of intertidal marsh in shallow open water and nourish 299 acres of fragmented marsh within the project area reducing water exchange between Terrebonne Bay and interior lakes during tidal and small storm events. 2) Reduce erosion along 16,000 ft of the northern Terrebonne Bay shoreline.

The proposed features of this project consist of filling approximately 365 acres of shallow open water and nourishing approximately 299 acres of very low or fragmented marsh with material hydraulically dredged from Terrebonne Bay/Lake Barre. Containment dikes will be degraded/gapped within 3 years of construction to allow for greater tidal and estuarine organism access. This project could be one part of a phased comprehensive plan to protect the northern shoreline of Terrebonne Bay and the interior marshes from further erosion and reduce the tidal prism.

The project would result in approximately 353 net acres of marsh over the 20-year project life.

This picture shows the broken marsh in Terrebonne Bay.