The project has completed a comprehensive hydrodynamic model to assess the effectiveness of various project feature configurations. The Liners Canal structure has been completed through another spending authority. The remaining project features have been transferred from the CWPPRA program to the RESTORE Act in a comprehensive project that combines the TE-66 hydrologic restoration with marsh creation and ridge restoration along the Bayou Dularge ridge.

Restoration Strategy
The project will reestablish historic hydrologic and salinity conditions by reducing the artificial intrusion of Gulf marine waters via the Grand Pass into the Central Terrebonne marshes while enhancing the influence of the Atchafalaya River waters into the area. A structure consisting of rock barge bay would be constructed to reduce the size of the opening by up to 90% to 150’ wide and 15’ deep. The project would reestablish the historic ridge function of Bayou Dularge that separated Lake Mechant from the gulf and moderate salinities that have greatly impacted the marshes to the north of Lake Mechant. The project will also increase the Atchafalaya influence in the area by modifying the current structure located in Liners Canal north of Lake Decade to increase freshwater introduction to Lake Decade by an estimated 500 cfs and provide maintenance dredging at Minors Canal to maintain optimal freshwater conveyance from the GIWW into Lake Decade.

Progress to Date
The project has completed a comprehensive hydrodynamic model to assess the effectiveness of various project feature configurations. The Liners Canal structure has been completed through another spending authority. The remaining project features have been transferred from the CWPPRA program to the RESTORE Act in a comprehensive project that combines the TE-66 hydrologic restoration with marsh creation and ridge restoration along the Bayou Dularge ridge.