Coastal Protection and Restoration Authority

Ascension Parish Coastal Projects

PROJECTS IN ENGINEERING AND DESIGN

River Reintroduction into Maurepas Swamp (PO-0029)
State - Estimated Cost $200 million

This project is being designed to convey up to 2,000 cubic feet per second of water from the Mississippi River approximately 5 miles to the north into the Maurepas Swamp through Hope Canal. The specific objectives of the project are to: restore natural swamp hydrology; increase sediment and nutrient loading to the project area; increase substrate accretion; retain and increase existing areas of swamp vegetation, including over story cover; and reduce salinity levels.

Pumping Capacity Improvements Phase 1 (BLFWD)
GOMESA – Estimated Cost $35,000,000

These funds would be used for a new pump station for the Bayou Lafourche Freshwater District.

PROJECTS IN PLANNING

Upper Barataria Basin Flood Management (BA-0211)
USACE - Estimated Total Cost $3,000,000

The Barataria Basin Flood Risk Management Study will investigate alternatives to address flood risk from tidal surges, coastal storms and heavy rainfall in the area between Bayou Lafourche and the Mississippi River System. The study will evaluate a range structural and non-structural approaches to regulate upper basin stages and storage capabilities. Possible solutions include a combination of small scale levees and floodwalls, conveyance channels, flood gates, tidal exchange structures, flood walls, and pumping stations.

COMPLETED PROJECTS

Projects Completed in 2017

Mississippi River Water Reintroduction into Bayou Lafourche–BLFWD (BA-0161)
CIAP - Total Cost $26,691,418

The purpose of the project was to excavate the channel to prepare sections of Bayou Lafourche for a future 1,000 cfs flow.

Projects Completed in 2014

Bayou Lafourche Fresh Water District – Walter S. Lemann Memorial Pump - Station Renovations (BA-0084)
CDBG - Total Cost $3,194,355

The purpose of the project was to maximize the pump station capacity by installing an emergency power supply for two non-diesel backup pumps which would allow pumping capacity for the station during an emergency. The emergency generator system will be located adjacent to an Entergy electrical substation that supplies a 2,400 volt line service to the station.

Projects Completed in 2012

Bayou Lafourche Freshwater Introduction (BA-0025-SF)
Surplus - Total Cost $20,000,000/State Dollars $20,000,000

The Mississippi River diversion into Bayou Lafourche restored coastal marshes and provides drinking water to over 300,000 residents. This phase of the project dredged the first 5 miles of the bayou.

2017 COASTAL MASTER PLAN PROJECTS

Restoration Projects: Year 1-10

Union Freshwater Diversion (001.DI.102)

Diversion into West Maurepas swamp near Burnside to provide sediment for emergent marsh creation and freshwater and fine sediment to sustain existing wetlands, 25,000 cfs capacity.

Bayou Lafourche Diversion (03a.DI.01)

Diversion of the Mississippi River into Bayou Lafourche to increase freshwater flow down Bayou Lafourche with 1,000 cfs capacity.