The center of the project area is in Lafourche Parish, Louisiana, approximately 5 miles southeast of Cut Off. It is bordered to the north by a pipeline canal north of the Clovelly Canal, to the west by West Fork Bayou L’Ours, to the east by Little Lake, and to the south by oilfield canals. The project encompasses 14,948 acres of primarily intermediate (94%) and brackish (6%) marshes.

The wetlands in the project area are of great importance to the ecological future of the Barataria estuary and to the protection of adjacent developed areas. The area is losing approximately 450 acres per year due to channelization, shoreline erosion, and saltwater intrusion.

The project features include three rock weirs and four canal plugs. There is also a plug with a flap-gated culvert and one with a variable crest weir. In addition, there is a weir with a barge bay in the Clovelly Canal, 5,000 feet of shoreline reestablishment along project-area canals, and 6,000 feet of lake-rim reestablishment at Bay L’Ours. Finally, the spoil and marsh banks along canals in the project area's southern perimeter are being maintained.

The project was divided into two contracts in order to expedite implementation. The first contract was to install most of the weir structures. The second contract was to install bank protection, one weir, and one plug.

The construction of the project's unit 1 was completed in November 1997. Unit 2 was completed in October 2000. The O&M plan was signed in 2002. This project is on Priority Project List 1.