

PPL15 PROJECT NOMINEE FACT SHEET

February 3, 2005

Project Name

Jean Lafitte Shoreline Protection and Marsh Creation Project

Coast 2050 Strategy

The Cataouatchie/Salvador Mapping unit strategy: "maintaining shoreline integrity along lakes..."

Project Location

Region 2, Barataria Basin, Jefferson Parish, The project is located along the eastern shoreline of Lake Salvador and predominantly within the Jean Lafitte National Park.

Problem

Mapped land loss by the USACE indicate sustained high shoreline erosion rates for this reach for Lake Salvador. Average shoreline retreat for the shoreline in the project is 21'/year for the period 1930 to 1990. Maximum retreat nearer the mouth of Bayou Barataria for the same 60 year period is 38'/year. Shoreline retreat appears to be accelerating with rates for the 1983 to 1990 period as great as 89'/year. Shoreline retreat along the entire reach is eastward and is encroaching on the GIWW.

Proposed Project Features

1. Approximately 15,000 lf of rock shoreline protection.
2. Approximately 55 acres of marsh creation.

Goals

1. Stop shoreline erosion.
2. Create at least 55 acres of marsh.

Preliminary Project Benefits

1. 250-300 net acres
2. Will benefit the lake rim
3. Is synergistic with other projects within the area

Identification of Potential Issues

Rock shoreline protection projects historically require O&M.

Preliminary Construction Costs

The construction cost including 25% contingency is approximately \$6,000,000.

Preparer of Fact Sheet

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