



Gulf Coast
Ecosystem
Restoration
Council

Pensacola Bay Watershed

Beach Haven - Joint Stormwater and Wastewater
Improvement Project - Phase II
(FL_RESTORE_001_004_Cat1)



Project Name: Beach Haven - Joint Stormwater & Wastewater Improvement Project - Phase II - Implementation

Cost: Category 1: \$5,967,000

Responsible Council Member: State of Florida

Project Details: Septic tanks and untreated stormwater runoff are still significant sources of pollutants to impaired Bayou Chico, an important habitat area within the Pensacola Bay watershed. This proposed project includes activities that would reduce sediment and nutrient loadings to Bayou Chico, reduce Biochemical Oxygen Demand (BOD), reduce total suspended solids (TSS), reduce turbidity, increase water clarity, and improve light penetration for photosynthesis to enable expansion of submerged aquatic vegetation (SAV) and emergent marsh habitat.

Activities: Specific activities would include construction of stormwater treatment facilities, septic tank removal and connection to central sewers. The wastewater infrastructure component of the project would include construction of approximately 6.4 miles of 8" gravity sewer main, 0.6 miles of 12" gravity main, and a new pumping station. The new collection system would provide wastewater service to approximately 760 properties. The stormwater treatment system would be constructed in the area where existing man-made ditches discharge untreated stormwater into the Jones Swamp area of Bayou Chico.

Environmental Benefits: Expected pollutant load reductions include 1,206 pounds of nitrogen, 315 pounds of phosphorus, 7,082 pounds of BOD, 21,813 pounds of TSS, and 28,683 pounds of sediment.. Other ecological benefits include increased water clarity and improved light penetration for photosynthesis to enable expansion of SAV and emergent marsh habitat.

Duration: Full implementation would take approximately three years.

More information on these activities can be found in Appendix G. Pensacola Bay; Unique Identifier: FL_RESTORE_001_004_Cat1.



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Beach Haven - Joint Stormwater & Wastewater Improvement Project - Phase II

 Water Quality Improvement

Cost: Category 1: \$5,967,000

Sponsor: State of Florida

Project Status: Implementation

Purpose: The project would complete the design, permitting of the stormwater treatment facilities and connection of septic tanks to new central sewer infrastructure, and include the construction of stormwater treatment facilities and connection of septic tanks to new central sewer infrastructure within the impaired Bayou Chico, an important habitat area within the Pensacola Bay watershed.



Map Date: August 08, 2015