

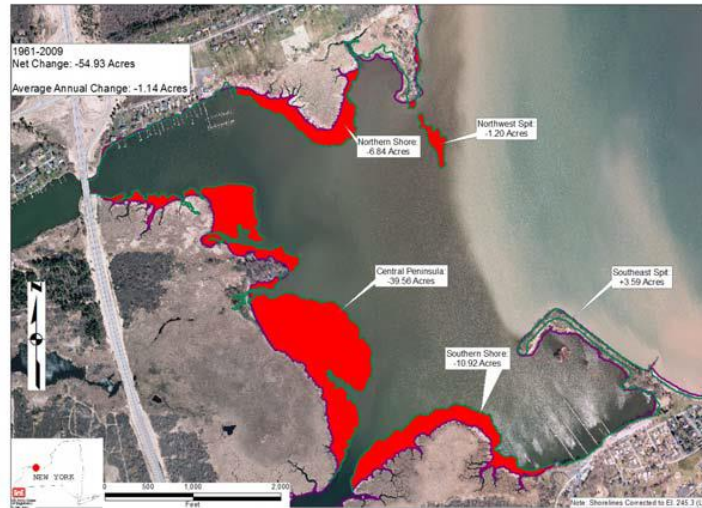


US Army Corps of Engineers

# Braddock Bay Coastal Wetland Restoration, NY Economy Act

**Project Location:** Braddock Bay is located on the shore of Lake Ontario within the Great Lakes Rochester Embayment Area of Concern (AOC) in the town of Greece in Monroe County, NY.

**Description of Problem:** A historic barrier beach that was once present at Braddock Bay, no longer exists. This barrier beach was critical for maintaining the diverse ecological conditions within the bay. Over time, erosion of interior wetlands has occurred at a rate of 0.42 to 1.0 acre per year resulting in the loss of approximately 106 acres of wetland since 1902.



**Proposed Project:** The scope of this project includes the construction of a barrier beach: 1) a 1,700-foot long continuous rubblemound breakwater spine, as a core for the beach, with two 180-foot long rubblemound terminal groins attached; 2) a 3 -acre headland beach; and 3) two 150-foot long headland rubblemound breakwaters. The project will also include measures to restore diversity to the existing emergent marsh and create 4 acres of new emergent marsh. Restoration of the emergent marsh will be accomplished through invasive species treatment and excavation of channels and potholes to increase habitat diversity.



**Partners and Collaboration:** No cost share sponsor is required for the Design and Implementation of the project. Both the Town of Greece and New York State Department of Conservation support implementation.

**Project Benefits:** The project was identified by New York State as an essential management action for Rochester Embayment AOC delisting, particularly for delisting of the loss of fish and wildlife habitat Beneficial Use Impairment (BUI). The project benefits include: restoration of 185 acres of coastal wetlands protected and enhanced; protection of 0.6 miles of Lake Ontario shoreline, and contributing to the Lake Ontario Lakewide Management Plan (LaMP) goal to maintain/restore ecosystem to support self-reproducing diverse biological communities, and restoring habitat for the New York State endangered black tern that has not bred there since 1998.

**Project Status:** Phase 1 of the project, excavation of channels and potholes, was completed in March 2016. Phase 2, Construction of the barrier beach was completed in July 2018. Emergent wetland was completed September 2018. Adaptive management activities to occur in 2019 and 2020.

Measure of Progress	Project Output
4.1.2 Miles of shoreline and riparian corridors protected and enhanced	0.3 miles
4.1.3 Acres coastal wetlands protected, restored and enhanced	340 acres



Estimated Project Costs	
Federal	\$10,500,000
Non-Federal	\$0
Total	\$10,500,000

Project Milestones	
Construction completion	Sep 2018
FY20 Monitoring & Adaptive Mgmt	Sep 2020

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