



US Army Corps
of Engineers®
Buffalo District

FACT SHEET

February 2016

Braddock Bay Restoration - NY Aquatic Ecosystem Restoration

Location

- Town of Greece, Monroe County, NY, approximately 16 miles west of Buffalo, NY

Project Description

- The Braddock Bay Restoration project aims to restore a historic barrier beach that was once present at Braddock Bay and was critical for maintaining the diverse ecological conditions within the bay.
- In the absence of the spits of land and barrier beach that historically protected Braddock Bay, 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 wetlands since 1902.
- 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. recommendations for potential new solutions

- The project will also include restoration measures within the emergent marsh located in the bank bay area. Approximately 9-acres of channels and potholes will be dredged and excavated.
- Design and Implementation is cost-shared 65% Federal and 35% non-Federal

Importance

- The restoration of a barrier beach would reduce the rate of erosion of these interior wetlands while also reducing the volume of sand and other sediments that are deposited within the bay and are removed from the littoral system.
- In addition, the structure is also expected to return parts of Braddock Bay to a low-energy system allowing for expansion of submerged and emergent wetland habitat.

Consequences

- Without restoration, erosion of Braddock Bay wetlands will continue at rates of up to acre per year and the diversity of wetland habitat will remain low due to aggressive non-native species.

Project Phase	Est. Fed. Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Feasibility	\$ 699 K	\$699K	\$0	\$0	\$0	NA
Design & Implementation	\$9.99M	\$487K	\$9.5M	\$9.5M	\$0	NA
TOTAL	\$10.69M	\$1.19M	\$9.5M	\$9.5M	\$0	NA

(1) First \$100k is at 100% Federal expense.

Project Sponsor/Customer

- US Environmental Protection Agency (USEPA)
- Town of Greece, NY

Congressional Interests

- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Current Status

- An Interagency Agreement (IAA) was signed between USACE and USEPA in July 2015.
- Construction commenced January 2016.

- Construction completion of the barrier beach is scheduled for Fall 2016.

Issues

- None

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