



US Army Corps  
of Engineers®

## HARBOR INFRASTRUCTURE INVENTORIES Port Ontario Harbor, New York



**Harbor Location:** Port Ontario Harbor is located on the eastern shore of Lake Ontario at the mouth of the Salmon River, about 34 miles North of Syracuse, NY.

**Authority:** River and Harbor Act of 1945

**Project Description:** Port Ontario Harbor is a shallow draft recreational harbor. Protective structures consist of north and south rubblemound stone breakwaters totaling 1,690'.

**Transportation Importance:** Supports 3 charter fishing boats generating approximately \$24,000 in net income annually and is a Harbor of Refuge.

### Congressional Interest:

- Representative Richard Hanna R-NY-22
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY

**Current Condition Assessment:** **A**



**Date of Site Visit:** 3 June 2010

**Summary of Impact:** Prevailing waves come from the southwest to northwest direction. Failure of the breakwaters would result in beach erosion and damage to the Salmon River Lighthouse Marina and the lighthouse, as well as the private homes located along the shoreline behind the south breakwater. Additionally, increased sedimentation would occur in the Salmon River outlet, requiring increased maintenance and limited lake access.

**Examples of Protected Infrastructure:**



1. **Salmon River Lighthouse Marina:** Privately owned marina with operational 1838 Selkirk Lighthouse, dockage, and fishing charter vessels. Lighthouse and cabins available for nightly rental. Breakwater failure would cause damage to vessels and facilities. Also has a ships store, snack shack and gift store.



2. **Private Homes:** Private seasonal homes and beach located behind the South Breakwater. Breakwater failure would result in flooding and damage to the homes in moderate-high wind events.



**Potential Impact Area:** The following graphic displays property parcels that could be impacted within various zones defined by different setbacks from the shoreline behind existing Federal coastal structures. Values are based on real property tax assessments from these parcels, and don't reflect any detailed coastal zone damage assessments. Figures simply reflect property values at various setbacks.

