



US Army Corps
of Engineers®

HARBOR INFRASTRUCTURE INVENTORIES Wilson Harbor, New York



Harbor Location: Wilson Harbor is located on the southern shore of Lake Ontario at the mouth of Twelve Mile Creek in the Town of Wilson, NY about 75 miles west of Rochester, NY.

Authority: River & Harbor Acts of 1945 and 1968

Project Description: Wilson Harbor is a shallow draft recreational harbor. Protective structures consist of parallel east and west steel sheet pile piers totaling 1,331’.

Transportation Importance: Supports 9 charter fishing boats generating approximately \$73,500 in net income annually, and is a harbor of refuge.

Congressional Interest:

- Representative Louise Slaughter D-NY-28
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY

Current Condition Assessment: B



Date of Site Visit: 25 May 2010

Summary of Impact: Prevailing waves come from the southwest to northeast direction. Failure of the piers would result in the shoaling in of the entrance to Tuscarora Bay. Channel shoaling would increase dredging maintenance needs and would limit lake access for the facilities located in Tuscarora Bay. Additionally, the wastewater treatment plant would be exposed to greater wave action and flooding of the facilities.

Examples of Protected Infrastructure:



1. Wilson-Tuscarora Sate Park Marina: Launch ramp with temporary docks located adjacent to launch. \$6 launch charge (\$7 when beach is open).



2. Beccue Boat Basin/Sunset Bay Marina: Privately owned 150 slip marina able to accommodate boats up to 60' in length. Seasonal rates range from \$1,025 to \$2,495. Power and water available at all slips. Additional amenities include 30,000 sq ft of indoor storage + outdoor storage, marina store, Wilson Boat Works marine maintenance shop, bar and grill, fuel, 40 ton travel lift, pool, and a yacht club. Piers serve to maintain open lake access from harbor.



3. Moyer's Marina: Privately owned marina. Unable to get information. Piers serve to maintain open harbor for navigation.



4. Wilson Yacht Club: Privately owned marina. Unable to get information. Piers serve to maintain open harbor for navigation.



5. Tuscarora Yacht Club: Privately owned marina built in 1968 with 153 fixed wooden slips with electric and water. Able to accommodate vessels up to 44'. Other amenities include fuel and pumpout. Piers serve to maintain open harbor for navigation.



6. Wilson Boatyard Marina: Privately owned marina with 40 slips with electric and water. Additional amenities include harbor shops, a snack shack, hotel, pool, transient dockage, charter fishing vessels and rack storage. Marina is reliant on piers to maintain lake access and limit wave action in the harbor.



7. Public Park: Small public park located behind the piers. Pier failure would result in erosion of the park shoreline due to increased wave action.

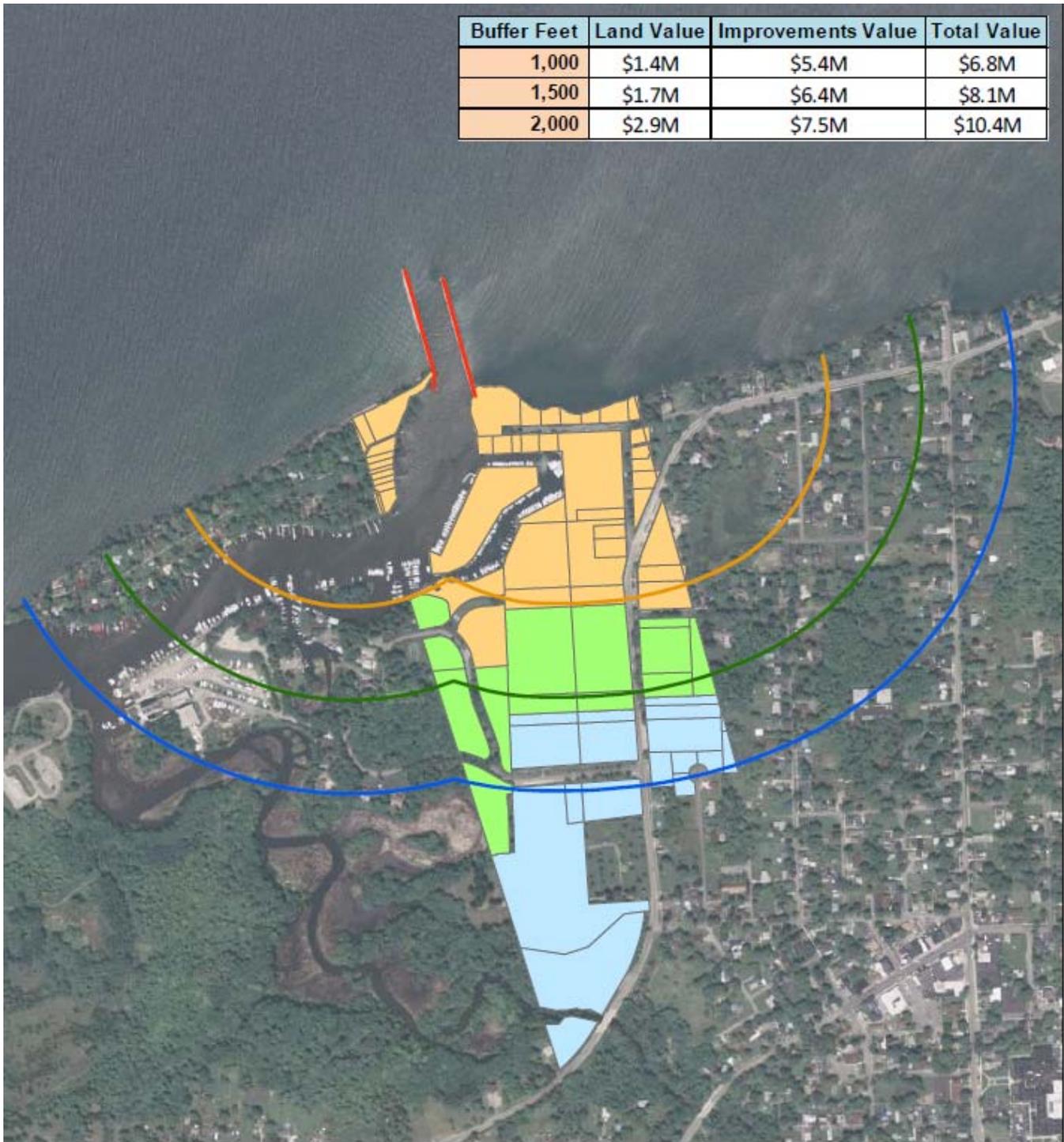


8. Wilson Wastewater Treatment Plant: Wastewater treatment plant located behind the east pier. Piers shield plant from wave action due to west-north winds.



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.

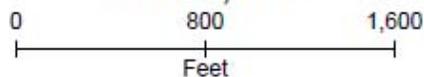
Buffer Feet	Land Value	Improvements Value	Total Value
1,000	\$1.4M	\$5.4M	\$6.8M
1,500	\$1.7M	\$6.4M	\$8.1M
2,000	\$2.9M	\$7.5M	\$10.4M



- Federal Structure
- Shoreline_1000_ft_buffer
- Shoreline_1500_ft_buffer
- Shoreline_2000_ft_buffer
- Parcels_1000_ft_buffer
- Parcels_1500_ft_buffer
- Parcels_2000_ft_buffer

WILSON HARBOR

Wilson, NY



Imagery Source- NAIP 2011



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