



**US Army Corps
of Engineers** ®
Detroit District

HARBOR INFRASTRUCTURE INVENTORIES Ontonagon Harbor, Michigan



Harbor Location: Ontonagon Harbor is located about 140 miles east of Duluth, MN, on the south shore of Lake Superior, at the mouth of the Ontonagon River, MI.

Authority: River & Harbor Act of 2 Mar 1867, 23 Jun 1874, 13 Jun 1902, 2 Mar 1907, 3 Mar 1909, 26 Aug 1937, Act of 1962.

Project Description: Ontonagon Harbor is a deep draft commercial harbor with over 4,800 feet of structures including piers and revetments and approximately 3/4 miles of maintained Federal channel.

Traffic: Five year average (2006-2010) tonnage is 150,000 tons of material shipped and received

Transportation Importance: Locally significant receiving port on the Great Lakes which provides the main economic catalyst for the area. Commodities include coal and lignite.

Congressional Interest:

- Representative Dan Benishek R-MI-1
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI

Current Condition Assessment: **B**



Date of Site Visit: 17 September 2010

Summary of Impact: Prevailing waves come from the north direction. Overtopping waves could have an immediate impact on the marina located inside the breakwaters. Any significant wave activity within the harbor could damage vessels moored at the marina. Presently, the marina in the harbor is sufficiently protected, but could be exposed to greater wave heights under the right conditions. In both cases, an increased wave climate would result in damage to docked vessels and the docks themselves. Other commercial businesses subject to inundation are the Ontonagon Lighthouse, Smurfit-Stone property, Oldenburg Warehouse, Gitche Gumee Mall, Ontonagon Marina and a County park. In the event the structures are damaged and/or destroyed during a storm event, no commercial properties within the zone of influence of the Ontonagon Harbor would likely be impacted.

Examples of Protected Infrastructure:



1. Ontonagon Lighthouse: The lighthouse and its grounds are sponsored by the Ontonagon County Historical Society. It is furnished with period furnishings showing visitors what it was like in the early 1900's. Tours of the lighthouse are offered during the day from May 15 through mid-October.



2. Oldenburg Group Incorporated: Is a Milwaukee-based global supplier of engineered heavy equipment and architectural lighting products. Presently, this building site is being used as a storage warehouse.



3. Gitche Gumee Landing: The location houses a number of tourist-related businesses. The Upper Peninsula Candle and Gift Company offer many types of scented candles as well as wall hangings, vases and bowls. They also sell unique jewelry items made from Petoskey Stones, agates and copper. The Red Metal Minerals Store carries a large variety of copper, datolite and local specimens, as well as minerals from around the world. The MDNR and Michigan Technological University Lake Sturgeon hatchery is also located at this site. Free tours of the hatchery are offered during the year.



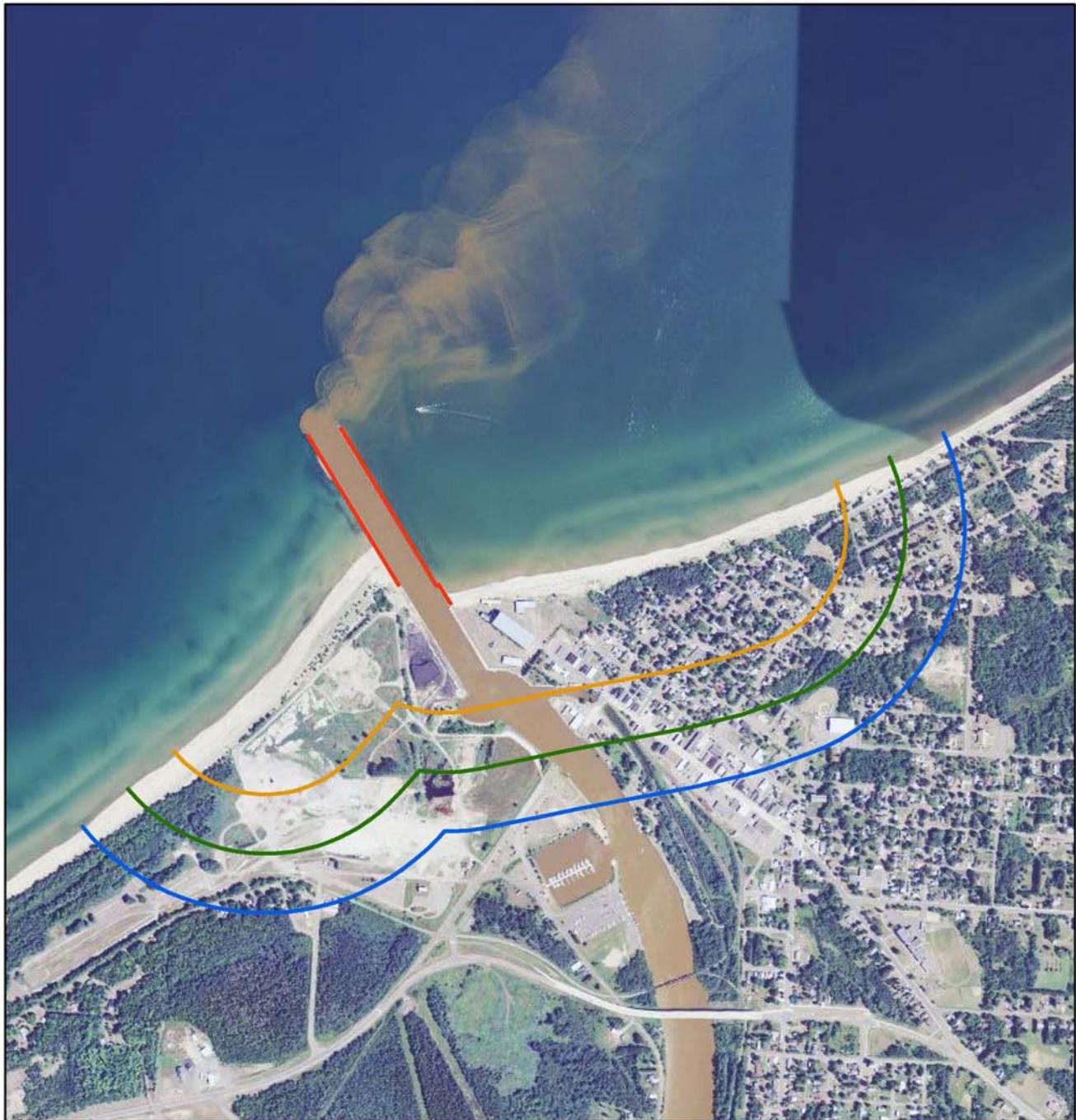
4. Ontonagon County River Front Park: The Park is located adjacent to the Ontonagon Marina. River Front Park offers a fishing pier, picnic areas, a boardwalk along the Ontonagon River, a sports complex including volleyball courts and a playground for summer activities.



5. Ontonagon Marina: The marina is open for the boating season which extends from 01 May to 15 October. It consists of floating docks with 29 seasonal slips and 7 transient slips. The marina is open daily from 7 am to 9 pm. Daily dockage rates range from \$24 to \$177. Amenities at the marina include water, electricity, restrooms, showers, gasoline, diesel, pump out, ice, fish cleaning station, boat launch, hoist, long-term parking, day-use dock and a playground with picnic tables and grills.



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. Within 2,000 feet from the shoreline (1,000 ft buffer) 5 of the 6 properties identified (above) in this report would be affected by a failure of the breakwater.

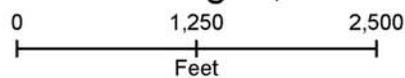


ONTONAGON HARBOR

Ontonagan, MI



-  Federal Structure
-  Shoreline_1000_ft_buffer
-  Shoreline_1500_ft_buffer
-  Shoreline_2000_ft_buffer



Imagery Source- NAIP 2012



Created April 2013- by T. Crockett- Buffalo District