



Keweenaw Waterway, MI

Harbor Features

- Located in the Keweenaw Peninsula of the upper peninsula of Michigan, between Keweenaw Bay and Lake Superior. The west, upper entrance is 169 miles east of Duluth, MN and the east, lower entrance is approximately 60 miles west of Marquette, MI.
- Authorization: River & Harbor Acts of 3 Mar 1865, 3 Jul 1866, 10 Apr 1869, 2 Mar 1871, 27 Mar 1872, 3 Mar 1873, 5 Aug 1886, 19 Sep 1890, 15 Mar 1898, 25 Jun 1910, 2 Mar 1919, 30 Aug 1935
- Deep draft commercial harbor
- Project depth of 32 feet in the upper entrance channel, 28 feet in the lower entrance channel, and 25 feet in the interior channel.
- Over 24,300 feet of structures including breakwaters, piers, and revetments.
- Over 18 miles of maintained channels
- The Keweenaw Waterway Confined Disposal Facility has adequate capacity for at least the next 25 years of dredging.
- Major stakeholders include U.S. Coast Guard, Lake Carriers' Association, UP Power, and Canadian National.

Project Requirements

- Approximately 10,000 to 30,000 cubic yards of material must be dredged on a 10 to 20 year cycle. The harbor was last dredged in 1994.
- Dredging is currently required to eliminate balance of shoaling in the harbor.
- Lower entry concrete pier and ice plates require repair
- Rubble mound at upper entry requires repair
- Repairs are required for safety ladders and torn steel at the north entry to the lily pond area.



Consequences of Not Maintaining the Project

- Significant loss of jobs locally
- Light loading associated with inadequate maintenance dredging, increasing vessel transportation costs.

Transportation Importance

- Critical Harbor of Refuge on Lake Superior
- Commodities shipped or received include gasoline, and various other products.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2012, 2013 and 2014
Keweenaw Waterway, MI - Project Requirements and President's Budget (\$1,000)**

Work Package	FY12 Requirement	FY12 Appropriation	FY13 Requirement	FY13 President's Budget	FY14 Requirement	FY14 President's Budget
Project Condition Surveys	56					
Maintenance Dredging – Primary Work Package						
Maintenance Dredging – Backlog Work Package	882		882		882	
Repair Breakwater – by Govt. Floating Plant	420					
Engineering & Design – Upper Entry	150		235		235	
Engineering & Design – Lower Entry	250		370		370	
Upper entry rubble mound repairs	2,200		2,420		2,420	
Lower Entry Concrete and Ice Plate Repair – by Contract	3,000		2,090		2,090	
Lower Entry rubble mound Repair – by Contract	1,000					
Other Business Lines:						
Recreation	12	11	12	12	14	21
Environmental Stewardship			34	25	29	29
TOTALS	7,970	11	6,043	37	6,040	50

Congressional Interests

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