



US Army Corps  
of Engineers®



## 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 USACE (Lily Pond Stone Dock), Mattila Rock & Dock LLC, and UP Power.



### 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.

### 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 waterway and is planned for 2017.
- 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.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2015, 2016 and 2017  
Keweenaw Waterway, MI - Project Requirements and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY15 Requirement</b>	<b>FY15 Appropriation</b>	<b>FY16 Requirement</b>	<b>FY16 Appropriation</b>	<b>FY17 Requirement</b>	<b>FY17 President's Budget</b>
Maintenance Dredging – Primary Work Package	882		882		882	882
Maintenance Dredging – Backlog Work Package						
Engineering & Design – Upper Entry	235		235		235	
Engineering & Design – Lower Entry	370		370		370	
Contract Structure Repair – Upper Entry	2,420		2,420		2,420	
Contract Structure Repair – Lower Entry	2,090		2,090		2,090	
Critical Breakwater Safety Maintenance			25		25	
<b>Other Business Lines</b>						
Recreation	18	18	18	13	18	13
Environmental Stewardship	15	10	15	15	17	11
<b>TOTAL</b>	<b>6,030</b>	<b>28</b>	<b>6,055</b>	<b>28</b>	<b>6,057</b>	<b>906</b>

**Congressional Interests**

- Representative Dan Benishek R-MI-1
- Senator Gary Peters D-MI
- Senator Debbie Stabenow D-MI