



Holland Harbor, MI

Harbor Features

- Located on the east shore of Lake Michigan 95 miles northeast of Chicago, IL and 23 miles south of Grand Haven, MI.
- Authorization: River & Harbor Acts of 30 Aug 1852, 2 Mar 1867, 3 Mar 1899, 3 Mar 1905, 3 Jul 1930, 30 Aug 1935, 3 Sep 1954
- Deep draft commercial harbor
- Project depths of 23 feet in the entrance; 21 feet in inner channel and Lake Macatawa.
- Five year average (2006-2010) tonnage is 360,000 tons of material shipped and received
- Ranked 51st among the Great Lakes Harbors based on five year average (2006-2010) tonnage
- Over 5,500 feet of structures including breakwaters, piers, and revetments.
- Over 6.5 miles of maintained channel
- Outer harbor dredged material is used for beach nourishment.
- The City of Holland operated the Lakewood Road dredged material placement site which enables recycling of material dredged from the inner harbor and Lake Macatawa.
- Major stakeholders include U.S. Coast Guard, Lake Carriers' Association, Verplank Trucking, Padnos Iron and Metal, Holland Public Works, and Brewers Dock.

Project Requirements

- Approximately 35,000 cubic yards of material must be dredged from the outer harbor annually. Approximately 45,000 to 65,000 cubic yards of material must be dredged from the Lake Macatawa channel on a 2 to 4 year cycle.



- Maintenance dredging was funded by an allocation from the National Provision in the FY12 Consolidated Appropriation Bill and allowed dredging of the outer harbor in 2012. Maintenance dredging of the outer harbor will also occur in 2013. In 2014 funding for maintenance dredging was provided in both the inner and outer harbor.

Consequences of Not Maintaining the Project

- Reduction of bulk commodities that pass through the harbor that generate nearly \$13M annually in direct revenue while supporting 330 direct, indirect, and induced jobs that produce \$22 M per year in personal income
 - If the harbor was closed to commercial traffic, commodities would have to be transported by rail and truck. This would increase annual emission rates by nearly 7M lbs of harmful particulate matter (PM-10) and increase costs by \$27,000 due to increased railroad related accidents, and \$2.4M due to increased trucking related accidents.
 - Light loading; loss of between 4 and 5 feet of channel depth results in increased transportation costs of between \$738,000 and \$1.1M annually.

Transportation Importance

- Major regional receiving port on the Great Lakes and Harbor of Refuge
- Commodities received include limestone, coal, scrap metals, sand, and gravel.
- U.S Coast Guard Station Holland resides within the harbor.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2012, 2013 and 2014
Holland Harbor, 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	149		147	147	150	150
Maintenance Dredging of Outer Harbor – Primary Work Package	525	585*	511	511	511	511
Maintenance Dredging of Inner Harbor – Primary Work Package	1,515		1,500		1,139	1,139
Maintenance Dredging – Backlog Work Package	456		456		456	
Structural Repairs – by Govt. Floating Plant	360					
Sediment Budget Analysis – Section 111	150		150		150	
CDF Fill Management Activities	375					
Breakwater Repairs by Contract			360		360	
Other Business Lines:						
Recreation	10	10	10	10		
TOTALS	3,540	595	3,134	668	2,766	1,800

*Provided by National Provision in the FY12 Consolidated Appropriation Bill

Congressional Interests

- Representative Bill Huizenga R-MI-2
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI