



## Toledo Harbor, OH

### Harbor Features

- Deep draft commercial harbor located on Lake Erie in the City of Toledo, Lucas County, Ohio
- Authorization: River & Harbor Acts of 1899, 1910, 1935, 1950, 1954, 1958 and 1960
- 7 miles of Federal channel on the river and 18 on the bay. Authorized depths are 28 feet in the bay, 27 feet in the lower and 25 feet in the upper river
- 42<sup>nd</sup> leading U.S. port with 11.6M tons of material shipped or received in 2011
- Toledo Harbor is ranked 5<sup>th</sup> among the Great Lakes Ports, 3<sup>rd</sup> in the U.S.
- Federal confined disposal facilities (CDF) include Island 18 and Site 3
- Major stakeholders include the Toledo-Lucas County Port Authority, City of Toledo, U.S. Coast Guard, St. Mary's Cement Inc., Midwest Terminals of Toledo International, Kuhlman, The Andersons, ADM Grain Company, Hansen Mueller Co., BP Husky Refining LLC, Arc Terminals Holdings LLC, Shelly Liquid Division, Seneca Petroleum Company, Sunoco MidAmerica M&R, CSX, Lafarge Cement, Arms Dock, Kraft Foods and Ironhead Marine Inc.

### Project Requirements

- A minimum of 850,000 cubic yards (CY) of material must be dredged each year to retain minimum channel clearance. The harbor was last dredged in 2011 when approximately 753,000 CY of material was removed. Dredging is scheduled for 2012.
- Restoration of active commercial project areas would require removal of nearly 2M CY of material
- Critical requirements include maintenance dredging, project condition surveys and dredged material management



### Consequences of Not Maintaining the Project

- Failure to dredge the harbor will result in continued shoaling and reduced channel dimensions; resulting in light loading, increased transportation costs and unsafe navigation conditions
- Light loading; loss of between 2 and 3 feet of channel depth results increased transportation costs of between \$1.1M and \$3.1M annually
- Reduction of bulk commodities that pass through the harbor generate \$582M annually in direct revenue while supporting over 2,640 jobs and generating over \$121M 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 over 60,500 tons of harmful particulate matter (PM-10) and increase costs by \$6.9M due to increased railroad related accidents, and \$776,000 due to increased trucking related accidents.

**Transportation Importance**

- Major receiving and shipping port with direct access to inter-modal connections
- Growing port with ongoing improvements and commodity diversification
- Cargo includes coal, petroleum, aggregates, metal products, limestone, grain, chemicals, iron ore, steel products, cement, ores, minerals and sugar
- Critical Harbor of Refuge

**U.S. Army Corps of Engineers Fiscal Year (FY) 2011, 2012 and 2013  
Toledo Harbor, Ohio - Project Requirements and President’s Budget (\$1,000)**

<b>Work Package</b>	<b>FY11 Requirement</b>	<b>FY11 Work Plan</b>	<b>FY12 Requirement</b>	<b>FY12 Appropriation</b>	<b>FY13 Requirement</b>	<b>FY13 President’s Budget</b>
Project Conditions Survey	550	550	567	567	570	570
Maintenance Dredging – Primary-Maumee Bay	2,390	3,120	3,740	3,082	3,238	3,238
Maintenance Dredging – Backlog-Maumee Bay	2,500		1,600		1,600	
Maintenance Dredging – Primary-Maumee River	2,109	1,318	2,215	2,215	1,664	1,664
Maintenance Dredging – Backlog-Maumee River						
Fill Management Activities						
E&D/Const. Island 18 Stone Repair/Ecosystem Restoration	300		2,350		2,350	
E&D Island 18 CDF Reutilization						
E&D Beneficial Use of Dredged Materials – Island 18 Pilot	300					
Dewater Cell 1, 2 & Island 18						
RSM Demonstration	325					
E&D Fill Management of Cell 2						
Environmental Compliance (CDF-Risk Assessment)	10					
Environmental Compliance (CDF-Monitoring, Field)	15					
CDF ERGO Compliance (O&M Manual)	125					
Master Plan for Island 18 (ENS)	50		50		75	
<b>TOTALS</b>	<b>8,674</b>	<b>4,988</b>	<b>10,522</b>	<b>5,864</b>	<b>9,497</b>	<b>5,472</b>

**Congressional Interests**

- Representative Marcy Kaptur D-OH-9
- Senator Rob Portman R-OH
- Senator Sherrod Brown D-OH