



Erie Harbor, PA

Harbor Features

- Located on Lake Erie in the city of Erie, Erie County, Pennsylvania
- Authorization: River & Harbor Acts of 1824, 1899, 1910, 1922, 1935, 1954, 1960 and 1962
- Deep draft commercial harbor
- Authorized depths are 29 feet in the entrance channel and 18-28 feet in the harbor
- 158th leading U.S. port with 582,093 tons of material shipped or received in 2010
- Conneaut Harbor is ranked 38th among the Great Lakes Ports
- The north and south piers total approximately 1 mile in length
- Harbor basin and 2.4 miles Federal entrance channel
- A confined disposal facility (CDF) is located adjacent to the south pier
- Major stakeholders include the Erie-Western Pennsylvania Port Authority, U.S. Coast Guard, the Erie Sand and Gravel Company and private marinas

Project Requirements

- Dredging is conducted on an infrequent, as-needed basis. The harbor was last dredged in 2011 when approximately 220,000 CY of material was removed. Prior to 2011, the harbor was last dredged in 1998
- The current sediment backlog within the functional harbor areas is estimated at approximately 939,000 CY
- Maintenance dredging is the primary critical requirement

Consequences of Not Maintaining the Project

- Failure to dredge will result in continued shoaling and reduced channel dimensions; resulting in light loading, increased transportation costs and unsafe navigation conditions



- Light loading; losses of between 1 and 2 feet of channel depth would result in increased transportation costs of between \$172,000 and \$456,000 annually
- Reduction of bulk commodities that pass through the harbor and generate \$20M annually in direct revenue while supporting over 136 jobs and generating over \$7M 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 almost 12,300 tons of harmful particulate matter (PM-10) and increase costs by \$392,000 due to increased railroad related accidents, and \$1,170,000 due to increased trucking related accidents

Transportation Importance

- Major receiving and shipping port on the Great Lakes
- Critical Harbor of Refuge
- Commodities shipped or received include aggregates, sand products, limestone and miscellaneous products

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

| Work Package | FY11 Requirement | FY11 Work Plan | FY12 Requirement | FY12 Appropriation | FY13 Requirement | FY13 President's Budget |
|--|-----------------------------|---------------------------|-----------------------------|-------------------------------|-----------------------------|--|
| Project Condition Surveys | 44 | 42 | 49 | | 49 | |
| Maintenance Dredging – Primary | 1,345 | 1,330 | | | | |
| Maintenance Dredging – Backlog | 830 | | 830 | | 1,415 | |
| Environmental Compliance (CDF – Risk Assessment) | 10 | | | | | |
| Environmental Compliance (CDF – Monitoring) | 15 | | | | | |
| TOTALS | 2,244 | 1,372 | 879 | 0 | 1,464 | 0 |

Congressional Interests

- Representative Mike Kelly R-PA-3
- Senator Pat Toomey R-PA
- Senator Robert P. Casey D-PA