



## Green Bay Harbor, WI

### **Harbor Features**

- Located at the mouth of the Fox River at the head of Green Bay in Lake Michigan.
- Authorization: River & Harbor Acts of 23 Jun 1866, 13 Jul 1892, 26 Jun 1910, 8 Aug 1917, 3 Mar 1925, 30 Aug 1935, 26 Aug 1937, 2 Mar 1945, 23 Aug 1962
- Deep draft commercial harbor
- Project depths of 26 feet for about 11.5 miles upstream from the entrance channel, 24 feet from Grassy Island to 0.5 mile upstream from the mouth of the Fox River, and 22 feet 0.5 miles upstream of the river mouth to 3.3 miles upstream of the river mouth.
- 2.4M tons of material shipped and received in 2013
- Over 14 miles of maintained channel
- Material is currently placed in either the Bay Port disposal facility under an agreement with the Brown County Port Department or in the Cat Island Dredged Material Disposal Facility.
- Major stakeholders include U.S. Coast Guard, C. Reiss Coal Co., Ace Marine, Flint Hills Resources, Fox River Dock Co., Georgia Pacific Corp., Graymont Western Lime Inc., Great Lakes Calcium Corp., K&K Integrated Logistics Inc., Lafarge Corp., RGL, Leicht Transfer & Storage Co., Noble Petro, Northeast Asphalt Terminal, Sanimax Corp., St. Marys Cement Inc., and U.S. Venture Inc.

### **Project Requirements**

- Approximately 180,000 cubic yards of material must be dredged each year to provide for one-way vessel traffic; the harbor was last dredged in 2015.
- There are plans to dredge the harbor in 2016.
- The Renard Island CDF must be closed and turned over to the local sponsor. All required construction to facilitate turnover of the island have been completed and efforts are underway to complete turnover to Brown County.



- An EPA Superfund site is located within the federal channel. Close coordination with EPA and WDNR is required for maintenance dredging projects.
- The Cat Island project involves restoring a series of barrier islands in Green Bay Harbor. This project provides significant long-term capacity for material dredged from the bay. Construction was completed in 2013.

### **Consequences of Not Maintaining the Project**

- Reduction of bulk commodities that pass through the harbor that generate \$2.36B annually in business revenue while supporting 14,052 direct, indirect, and induced jobs that produce over \$678M per year in personal income in transportation and commodity related industries.
- Light loading; loss of between 1 and 2 feet of channel depth results in increased transportation costs of between \$859K and \$2.0M annually; product diversion to Menominee, MI at a significant transportation cost.
- If the harbor were closed to commercial traffic, commodities would have to be transported by rail and truck. This would increase annual emission rates by over 5.2M lbs of harmful particulate matter (PM-10) and increase costs by \$690,000 due to increased railroad related accidents, and \$529,000 due to increased trucking related accidents.

**Transportation Importance**

- Major receiving port on the Great Lakes
- Commodities include coal, limestone, cement, salt, pig iron, fuel oil, liquid asphalt, lumber, gypsum, petroleum products, heavy equipment and general cargo, including overseas cargo.
- Supports approximately 200 recreational boat slips

**U.S. Army Corps of Engineers Fiscal Year (FY) 2015, 2016 and 2017  
Green Bay Harbor, WI - 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>
Project Condition Surveys	381	381	385	385	395	395
Maintenance Dredging – Primary Work Package	2,500	2,500	2,500	2,500	3,500	3,500
Maintenance Dredging – Work Package	1,600		1,600	1,600	1,600	
Renard Island CDF Closure-CG						
<b>Other Business Lines</b>						
Cat Island Disposal Construction – (Construction General)						
<b>TOTAL</b>	<b>4,481</b>	<b>2,881</b>	<b>4,485</b>	<b>4,485</b>	<b>5,495</b>	<b>3,895</b>

**Congressional Interests**

- Representative Reid Ribble R-WI-8
- Senator Ron Johnson R-WI
- Senator Tammy Baldwin D-WI