



US Army Corps  
of Engineers ®



## Green Bay Harbor, WI

### Harbor Features

- Located at the mouth of the Fox River at the head of Green Bay in Lake Michigan
- Authorization: Rivers & Harbors 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: 26 feet for about 11.5 miles upstream from the entrance channel, 24 feet from Grassy Island to 0.5 miles 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
- 2.2M tons of material shipped and received in 2018
- Ranked 24<sup>th</sup> in tonnage among the Great Lakes Harbors in 2018
- 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: 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, 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.
- Harbor dredging began in 2019 and is scheduled to be completed in 2020.
- Maintenance dredging is scheduled for FY20.



- The Renard Island confined disposal facility (CDF) was closed and turned over to Brown County in 2017.
- 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 and it is currently utilized for placement of dredged material from the bay.

### Consequences of Not Maintaining the Project

- 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 16.7M lbs of harmful particulate matter (PM-10) and increase costs by \$3.1M due to increased railroad related accidents, and \$5.0M due to increased trucking related accidents.
- Light loading; loss of between 1 and 2 feet of channel depth results in increased transportation costs of between \$1.1M and \$2.5M annually; product diversion to Menominee, MI at a significant transportation cost.

### **Transportation Importance**

- Major receiving port on the Great Lakes
- Commodities include coal, limestone, salt, fuel oil, liquid asphalt, petroleum products, wood pulp, forest products, heavy equipment, and general cargo, including overseas cargo
- Waterborne transportation facilitated by the harbor supports \$69.8M in business revenue, 297 direct, indirect, and induced jobs, and \$19.7M in labor income to the transportation sector.
- Commodities handled by the harbor support \$1.1B in business revenue, 5,771 direct, indirect, and induced jobs, and \$305.3M in labor income.
- Supports approximately 200 recreational boat slips

### **U.S. Army Corps of Engineers Fiscal Year (FY) 2019, 2020, and 2021 Green Bay Harbor, WI - Project Requirements and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY19 Requirement</b>	<b>FY19 Appropriation</b>	<b>FY20 Requirement</b>	<b>FY20 Appropriation</b>	<b>FY21 Requirement</b>	<b>FY21 President's Budget</b>
Maintenance Dredging – Primary Work Package	3,500	3,500	3,000	3,000	2,630	2,630
Project Condition Surveys	420	420	437	437	450	450
Real Estate Management	0	0	0	0	4	4
<b>TOTAL</b>	<b>3,920</b>	<b>3,920</b>	<b>3,437</b>	<b>3,437</b>	<b>3,084</b>	<b>3,084</b>

### **Congressional Interests**

- Representative Mike Gallagher R-WI-8
- Senator Ron Johnson R-WI
- Senator Tammy Baldwin D-WI