



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.
- 102nd leading U.S. port with just over 2.5M tons of material shipped or received in 2008.
- Ranked 23rd in 2008 among the Great Lakes Harbors.
- Over 14 miles of maintained channel
- Material is currently placed in the Bay Port disposal facility under an agreement with the Brown County Port Department, since the Green Bay Confined Disposal Facility at Renard Island is currently at capacity and in the process of being closed.
- Major stakeholders include U.S. Coast Guard, Lake Carriers' Association, Flint Hills Resources, Great Lakes Calcium Corp., Fox River Dock Co., Sanimax Corp., St. Mary's Cement Co., Western Lime Corp., C. Reiss Coal Co., Leicht Transfer & Storage Co., SemFuels, K&K Integrated Logistics, Lafarge Corp., Construction Resource Management, Georgia Pacific Corp, Proctor & Gamble, and Wisconsin Public Service.

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 2011.
- There are plans to dredge the harbor in 2012; maintenance dredging is also required for 2013.



- The Renard Island CDF must be closed and turned over to the local sponsor. The first phase of this process has been completed (construction of the causeway), and Brown County completed an initial transport of material from the Bay Port CDF to Renard. However additional material will still need to be transported and the material shaped before turnover can begin.
- 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. This project will provide significant long-term capacity for material dredged from the bay. This project is expected to receive Great Lakes Restoration Initiative funding in FY12.

Consequences of Not Maintaining the Project

- Bulk commodities that pass through the harbor generate \$70M annually in direct revenue while supporting over 460 jobs and generating over \$21M 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 4,400 tons of harmful particulate matter (PM-10) and increase costs by \$875,000 due to increased railroad related accidents, and \$642,000 due to increased trucking related accidents.

Consequences of Not Maintaining the Project

➤ Light loading; loss of between 1 and 2 feet of channel depth results in increased transportation costs of between \$467,000 and \$1.13M annually; product diversion to Menominee, MI at a significant transportation cost.

Transportation Importance

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

**U.S. Army Corps of Engineers Fiscal Year (FY) 2011, 2012 and 2013
Green Bay Harbor, WI - 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	350	346	361	354	360	360
Maintenance Dredging – Primary Work Package	2,900	2,320	3,045	2,985	2,820	2,820
Maintenance Dredging – Backlog Work Package	2,400		1,600		600	
CDFs – Renard Island Closure	5,000		5,000		5,000	
Phase 1 Cat Island Disposal Construction - CG	6,500				7,000	7,000
TOTALS	17,150	2,666	10,006	3,339	15,780	10,180

Congressional Interests

- Representative Reid Ribble R-WI-8
- Senator Ron Johnson R-WI
- Senator Herb Kohl D-WI