Waukegan Harbor, IL

**Project Features**
- Located on Lake Michigan in the city of Waukegan, Lake County, Illinois.
- Deep draft commercial harbor.
- Authorized depths are 22 feet in the Lake Michigan harbor approach, and 18 feet in the outer harbor and inner basin areas.
- 606K tons shipped or received in 2006.
- Interconnected with 13 commercial ports: ships to 6 ports, and receives from 7 ports.
- 6,051 linear feet of timber crib, steel sheet pile, or concrete caisson breakwater structures, plus 1,076 linear feet of steel pile revetments.
- The Federal channel length within the harbor is 1.35 miles.
- Local stakeholders include National Gypsum, Lafarge Cement, and St. Mary’s Cement, Inc.

**Project Requirements**
- The approach channel is maintained at authorized depths and was last dredged in 2010. The annual dredging requirement is 60,000 CY to maintain safe commercial vessel passage. The rate of shoal development in the approach has increased due to the sediment accumulation north of the northern breakwater.
- The outer and inner harbor areas have not been dredged for over 25 years due to the contaminants present in the sediment. The average loss of depth in the outer harbor area is nearly 5.0 feet; 60,000 cubic yards of material is planned for removal when an upland disposal site can be successfully located.
- The inner harbor is part of a Superfund site due to PCB contamination, and the average loss of depth in the inner harbor areas is nearly 4.0 feet. 230,000 cubic yards of contaminated sediment is planned for removal. USEPA is currently working to perform this cleanup using Great Lakes National Program Office funding, with matching funds from local entities.

**Consequences of Not Maintaining the Project**
- Light loading - loss of between 3.5 and 4.5 feet of channel depth due to shoaling and lake level results in increased transportation costs of between $2.7M and $4.7M annually.
- If annual dredging were to terminate, within 2 years both the National Gypsum Drywall Plant and the LaFarge Cement Terminal in the harbor would permanently close down. St. Mary’s Cement would attempt to truck materials from Milwaukee.

**Transportation Importance**
- Commodities handled are bulk cement and gypsum rock.
- The harbor is a safe refuge on southern Lake Michigan for barges and vessels traveling north from or south to the Port of Chicago.
- Bulk commodities that pass through the harbor generate nearly $10.0M annually in direct revenue which supports 132 jobs.
- These jobs generate nearly $4.9M per year in personal income.

January 2011
### U.S. Army Corps of Engineers Fiscal Year (FY) 2010, 2011 and 2012 Waukegan Harbor, IL - Project Needs and President’s Budget ($1,000)

<table>
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<tr>
<th>Work Package</th>
<th>FY10 Need</th>
<th>FY10 Appropriation</th>
<th>FY11 Need</th>
<th>FY11 President’s Budget</th>
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### Congressional Interests
- Representative Robert Dold, R-IL-10
- Senator Richard Durbin, D-IL
- Senator Mark Kirk, R-IL