



**US Army Corps  
of Engineers®**  
New York District

# Flushing Bay and Creek, New York

## Federal Navigation Channel Maintenance and Stewardship

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**FACT SHEET**

**DECEMBER 2008**

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**DESCRIPTION:** Preliminary Engineering and Design for maintenance dredging of critical shoals in the Federal Channel.

**AUTHORIZATION:** Authorized by the Rivers and Harbors Act of 1902 and subsequently modified by the Rivers and Harbors Acts of 1935 and 1962. The existing navigation project in Flushing Bay and Creek, New York provides for a bay channel with a depth of 15 feet MLW; a creek channel with a depth of 15 feet MLW; an irregularly shaped maneuvering area 15 feet deep MLW; and an anchorage basin with a depth of 6 feet MLW.

**COMMERCE:** The Flushing Bay Federal Channel supports fourteen marine terminals that receive and ship sand, stone, and petroleum products by barge. The petroleum product facilities in the waterway have a combined storage capacity for a total of 81,400 barrels (reference: 1999 IWR port Series No. 5). The concrete, asphalt and aggregate facilities on this channel have a combined 67,000 tons of storage capacity. The deep draft channel is also used by a municipal marina and the NYPD Harbor Patrol Unit Station.

**STATUS:** In FY09, sampling and testing for possible future upland placement of priority shoals in the bay, creek, and maneuvering areas will be performed, subject to the availability of funds. Maintenance dredging was completed for a portion of the creek reach during 2003. Approximately 43,000 CY of material was dredged and placed at the Fountain Avenue Landfill closure project as engineered fill. Maintenance dredging of the bay reach was completed in 1997 with the removal of approximately 84,000 CY of material and placed at the Historic Area Remediation site (HARS).

Recent shoaling as well as the remaining areas of shoaling from previous dredging cycles will be evaluated for possible maintenance dredging, contingent on available project funding. Significant shoaling still occurs in the Creek reach, the Maneuvering Area and the Anchorage area. Some shoaling exists along the channel edges of the Bay reach.

**CONTACT:** **Joe Olha**, Project Manager, (917) 790-8404  
<mailto:joseph.olha@usace.army.mil>  
U.S. Army Corps of Engineers, New York District  
26 Federal Plaza  
New York, NY 10278  
<http://www.nan.usace.army.mil>  
District Area: NY # 7