



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

Great South Bay, NY Patchogue River

**Federal Navigation Channel
Maintenance of Infrastructure and Stewardship**

FACT SHEET

DECEMBER 2008

DESCRIPTION: Updated environmental coordination will take place and an updated condition survey is planned for Great South Bay in FY 2009.

AUTHORIZATION: The Federally improved channel was authorized by the Rivers and Harbors Act of 13 June 1902 and modified in 1970. The original project provides for a navigation channel 10 feet deep, 200 feet wide from Fire Island Inlet to the Central Basin in Great South Bay opposite Patchogue, thence 100 feet wide to mile 18.9 in the Patchogue River with a turning basin at the upper end at a depth of 11 feet, thence 8 feet deep to the upstream limit of the projects. A reconnaissance report on Operations and Maintenance prepared in July 1979 concluded that no maintenance dredging is justified below 8 feet MLW for the entire channel length. The project was only 55% complete as of 1986.

COMMERCE: No commerce is reported for the Patchogue River. For the Great South Bay, NY there is a five-year average annual commercial tonnage of 1,352 tons reported.

FUNDING: In FY09, funds will be used to re-initiate environmental coordination and perform an updated condition survey of the Bay. There was no appropriation for the maintenance dredging of the Great South Bay (including Patchogue River) in recent years. In FY08, funds were used for environmental coordination and controlling depth reports. In FY2006, \$180K was used for Engineering and Design work and to prepare final Plans and Specifications, to coordinate with the Village of Patchogue, and to advertise and award the project contract, contingent on funding availability in out-years.

STATUS: The Village of Patchogue is completing the maintenance dredging of the Patchogue River with dewatering in geobags at the old Amerada Hess site along the river before trucking to Brookhaven landfill. The work is scheduled for completion in 1st Q federal FY09. An after dredge survey will be provided for NYD review as per special condition in the DA permit to the Village. Federal funds in FY06 were used to prepare 95% Plans and Specifications for the project, pending a determination of the placement and dewatering sites and the receipt of a WQC from the NYSDEC. Environmental coordination with various stakeholders includes the Village of Patchogue, New York State Department of Environmental Conservation Region 1 and with the offices of Assemblywoman Eddington and Congressman Bishop. Presently, the Village plans to dewater (using geobags) at the Hess Fuel Co. abandoned site along the river and truck the dewatered material to the Brookhaven Landfill for placement. Maintenance dredging of the Patchogue River was last performed in 1969.

A condition survey of the Great South Bay federal channel was performed in 2008 and used to update the controlling depths. Maintenance dredging of GSB, performed in 1992, removed approximately 120,000 cubic yards of material.

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District Area: NY #1,2