



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

# Fire Island Inlet and Shores Westerly to Jones Inlet, NY

## Beach Erosion Control and Navigation Project

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### FACT SHEET

DECEMBER 2012

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**DESCRIPTION:** This is a multi-purpose project that provides navigation and shore protection benefits through the periodic maintenance dredging of Fire Island Inlet with placement of dredged sand along the shoreline several miles west of the inlet at designated barrier island's critical erosion area [Gilgo Beach]. The sand placed at Gilgo is intended to nourish the westerly beaches and provide storm damage protection.

**AUTHORIZATION/PROJECT DESCRIPTION:** Authorized by the Rivers and Harbors Act of 1937 and subsequently modified by the Rivers and Harbors Acts of 1958 and 1962. In August 1988, the existing project was modified to provide for the maintenance of a realigned channel in the vicinity of the naturally deep channel to a depth of 14 feet plus 2 feet allowable overdepth. The material from the dredged channel will be used as nourishment along the shoreline several miles west of the inlet at the designated beach, Gilgo Beach, for erosion control. This project is cost shared by New York State Department of Environmental Conservation.

**STATUS:** Continuation of Engineering and Design work (including updating of the plans and specifications) for possible future maintenance dredging is planned in FY2013. Based on the most recent survey, there is an estimated 2.3 million cubic yards of sand within the authorized Federal channel and deposition area.

Last maintenance dredging cycle was done in Winter 2007-08. The work included dredging and placement of 619,000 CY along the critical erosion area at Gilgo Beach. Project was completed with a combination of O&M funding and FCCE funding. Dredging and placement at Gilgo Beach was completed on March 26, 2008.

In past cycles, additional sand has been dredged from the channel and deposition area and placed at Robert Moses State Park at full non-Federal cost (NY State).

The previous maintenance dredging cycle was completed in FY03/04. A total of 953,263 cubic yards of sand was dredged and placed as beach nourishment along the Gilgo Beach shoreline. An additional, 135,983 cubic yards of dredged sand was placed as beach nourishment along Robert Moses State Park Beach.

The most recent hydrographic survey and Controlling Depth Report can be accessed using the web page link below.

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