



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

## **New York and New Jersey Channels Arthur Kill Reach**

### **Maintenance Dredging**

**FACT SHEET**

**SEPTEMBER 2004**

**DESCRIPTION:** Maintenance dredging was completed in the Arthur Kill Reach on November 23, 2003. Mile 14 (Outerbridge Crossing) to Mile 23 (Gulfport Reach) of the Arthur Kill Reach of New York and New Jersey Channels was dredged with placement of approximately 45,000 cys of dredged material at OENJ-Bayonne, a permitted upland placement site and approximately 43,000 cys of dredged material placed at the sub-aqueous Newark Bay Confined Disposal Facility (NBCDF) in FY03.

**AUTHORIZATION:** The federal navigation project for the Arthur Kill reach of the New York and New Jersey Channels was authorized by the Rivers and Harbors Act of 1933 and subsequently modified by the Rivers and Harbors Act of 1935, 1950, 1965 and 1985. It provides for: A channel 37 ft. deep in rock and 35 ft. deep in soft material, 600 ft. wide through Lower New York Bay, Raritan Bay into the Arthur Kill to a point 1,000 ft. north of Smith Creek, except of the vicinities of Seguine Point and Ward Point where the width is 800 ft.; thence 500 ft. wide, to a point 1,000 ft. south of the location of former Buckwheat Island; thence 500 to 600 ft. wide passing north of Shooters Island and protected by a dike on its northern side of the junction of the channel into Newark Bay; under the Kill Van Kull, Newark Bay Channel, New York and New Jersey authorized for construction in 1985, the existing Kill Van Kull Channel is authorized for deepening to 45 ft. (47 ft. in rock) and 800 ft. wide from the vicinity of Shooters Island and junction with Newark Bay through the Kill Van Kull to Constable Hook; thence 1,300 ft. wide from a point opposite the east end of Constable Hook to a point near the intersection along the New Jersey Pierhead line and thence 3,070 ft. wide through Kill Van Kull to Upper New York Bay with suitable easing of the bends and junctions. Length – about 31.0 miles.

**STATUS:** The most recent contract was awarded to Don Jon Marine Inc, the low bidder, on 18 August 03. The dredging commenced on 17 Sep 03 and was completed as of Nov 23, 2003. Several critical shoals (BASIC #1, 2, 3) plus Option Area #5 were removed. There were options to remove up to a total of approximately 205,000 cubic yards of sediment, funding permitting. Portions of the dredged material were placed at OENJ Bayonne, a permitted upland placement site and at the Newark Bay Confined Disposal Facility (NBCDF). Previous dredging, completed in September 1998, involved maintenance dredging of a portion of the federal navigation project (between the Outerbridge Crossing and the area north of Shooters Island adjacent to Newark Bay Channel), miles 14 to 26, to its authorized project depth. The dredged material was placed at the Seaboard Disposal Site provided by the contractor, SK Services. A total of 926,269 cubic yards of sediment was removed to maintain the channel to its authorized dimensions.

**CONTACT:** Joe Olha, Project Manager, (212) 264-5621,  
<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 #8, #13, NJ # 13