



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

Newark Bay, Hackensack and Passaic Rivers, NJ Newark Bay Channels Federal Navigation Channel Maintenance and Stewardship

FACT SHEET

DECEMBER 2008

DESCRIPTION: Preliminary Engineering and Design, including updated surveys for possible future maintenance dredging will be conducted. Maintenance dredging of critically shoaled areas with the Newark Bay Federal Channels, Newark, New Jersey was performed in FY08.

AUTHORIZATION: The Newark Bay Channels were authorized by the Rivers and Harbors Acts of 1922 and subsequently modified on 1943, 1954, 1964, 1966, 1975 and 1985. The Newark Bay Channels includes the following channels:

- a. A main channel, including widening and maneuvering areas, 40 ft deep, 700 ft wide to the branch channel at Port Newark, thence 500 ft wide, to a turning basin at the junction of the Hackensack and Passaic River channels, length about 4.7 miles.
- b. A branch channel at Port Newark (Port Newark Branch Channel) 35 ft deep, 800 ft wide, leading to an inshore channel, 400 ft wide, total length 1.6 miles.
- c. A pierhead channel (Port Newark Pierhead Channel) 200 ft wide, between the Port Newark and Elizabeth branch channels, length 4,100 ft.
- d. A branch channel (Elizabeth Channel) 40 ft deep, 500 ft wide, leading to an inshore channel, 400 ft wide, total length 1.4 miles.
- e. A pierhead channel (Port Elizabeth Pierhead Channel) 40 ft deep, 290 ft wide, between Elizabeth and South Elizabeth branch channels, length 1.1 miles.
- f. A branch channel (South Elizabeth Channel) 40 ft deep, 290 ft wide and 0.6 mile long

STATUS:

Port Newark, Main, Elizabeth, and Port Newark Pierhead Channels

Maintenance dredging of the critically shoaled areas in the Port Newark (PN) and Port Newark Pierhead channels has been physically completed in October 2008. Approximately 80,000 CY were dredged and placed at upland permitted sites. In the FY02/03 maintenance cycle involved the removal of approximately 45,000 CY (base contract) and 20,500 (Option) of dredged material from Port Newark Branch and Main Channel. The contract award was 10 September 2002 to Don Jon Marine Co., with dredging and upland placement of the dredged material performed 18 Nov -13 Dec 02. A total of 68,510 cubic yards was dredged from the channel.

Port Elizabeth Pierhead Channel/South Elizabeth Channel

2001/2002: Port Elizabeth Pierhead Channel dredged material was not suitable for HARS disposal; therefore OENJC site in Bayonne, NJ was identified as the available permitted upland disposal site. The contract was awarded to Great Lakes Dredge & Dock Co. and dredging commenced in September 2001. A total of 22,165 CY of dredged material was removed from the channel.

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District Area: NJ #13