

**REPORT OF CHANNEL CONDITIONS
(FOR CHANNELS 400 FEET WIDE OR GREATER)**

PAGE 1 OF 1 PAGE

DATE 16 April 2020

TO: The Record

FROM: U.S. Army Corps of Engineers
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RIVER/HARBOR NAME AND STATE: Newark Bay, Hackensack & Passaic Rivers, NJ; Newark Bay – Main and Port Newark Channels

MINIMUM DEPTHS IN EACH ¼ WIDTH OF CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MID-CHANNEL		RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	

**NEWARK BAY MAIN and PORT NEWARK CHANNELS of Newark Bay, Hackensack & Passaic Rivers
Navigation Channels Project**

Reach B1 - Main Channel Middle (North): Begins at a point approximately 300 feet seaward of RED NUN #16 FLOOD, and ends approximately 45 feet landward of GREEN CAN #19A FLOOD.	File #4934/N3, Sheets 1 of 2; 5-6 Mar 2020	565-800	0.54	40	39.2	39.7	39.9	38.4
Partial Reach D – Port Newark Branch Reach: Survey coverage begins approximately 70 feet landward of GREEN #17 W/LIGHT FLOOD at the beginning of the reach, and ends at the approximate location of RED NUN #10 FLOOD.	File #4934/N3, Sheets 2 of 2; 5-6 Mar 2020	400-1,785	0.38	40	38.6	38.8	38.6	34.3

REMARKS:

- All reported depths are relative to Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.

NEWARK BAY – Main Channel

- **Reach B1:** Spot shoaling exists intermittently throughout this reach. The controlling depth of -38.4 feet MLLW is located near the channel's toe in the Right Outside Quarter just before the project's authorized depth becomes -35 feet MLLW at the end of the reach.

NEWARK BAY – Port Newark Channel

- **Partial Reach D:** Spot shoaling exists intermittently throughout this partial reach. The controlling depth of -34.3 feet MLLW is located near the channel's toe in the Right Outside Quarter approximately 250 feet seaward of the end of this partial reach.