

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER)					PAGE 1 OF 2 PAGES			
					DATE			
					6 March 2025			
TO: The Record			FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090					
RIVER/HARBOR NAME AND STATE: Newark Bay, Hackensack & Passaic Rivers, NJ; Newark Bay – Main Channel					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)	
<b>NEWARK BAY MAIN CHANNEL of Newark Bay, Hackensack &amp; Passaic Rivers Navigation Channels Project</b>								
Reach A – Main Channel South: Begins at the junction with KVK and Arthur Kill Channels and ends at a point approximately 110 feet landward of RED #10 W/ LIGHT FLOOD.	File # 5519/D/N1/N2/N4 Pgs. 2 - 6 of 13. 2,6,9,10-12,16-18 Dec 2024, 2 Jan 2025	1,000 – 2,360	1.28	50	47.9	50.5	50.2	39.8
Reach B – Main Channel Middle (South): Begins at a point approximately 110 feet landward of RED #10 W/ LIGHT FLOOD and ends at a point approximately 570 feet seaward of RED #16 EBB.	File # 5519/D/N1/N2/N4 Pgs. 6 - 9 of 13. 2,6,9,10-12,16-18 Dec 2024, 2 Jan 2025	1,655 - 800	0.87	50	43.0	43.9	45.2	36.5
Reach B1 - Main Channel Middle (North): Begins at a point approximately 570 feet seaward of RED #16 EBB and ends 90 feet seaward of GREEN #1 FLOOD.	File # 5519/D/N1/N2/N4 Pgs. 9 - 10 of 13. 2,6,9,10-12,16-18 Dec 2024, 2 Jan 2025	565-800	0.54	40	38.6	38.7	38.1	35.1
Reach C - Main Channel North: From approximately 90 feet seaward of GREEN #1 FLOOD and ends at a point approximately 85 feet seaward of RED #2 EBB.	File # 5519/D/N1/N2/N4 Pgs. 10 – 13 of 13. 2,6,9,10-12,16-18 Dec 2024, 2 Jan 2025	500-1,030	1.37	35	18.1	20.9	17.1	5.2
<b>REMARKS:</b> <ul style="list-style-type: none"> <li>• All reported depths are relative to Mean Lower Low Water (MLLW) datum.</li> <li>• Channel reach lengths are in nautical miles.</li> </ul>								
<b>NEWARK BAY – MAIN CHANNEL</b> <ul style="list-style-type: none"> <li>• <b>Reach A:</b> Shoaling exists in the Right Outside Quarter from the beginning of the reach and extends 2,800 ft. landward. Shoaling picks back up in the Right Outside Quarter 570 ft. seaward of RED #8 EBB and goes to the landward end of the reach. Shoaling exists in the Left Outside Quarter at the end of the Reach. The controlling depth of -39.8 ft. MLLW is located in the Right Outside Quarter along the outside edge right at the end of the reach.</li> <li>• <b>Reach B:</b> Shoaling exists in the Right Outside Quarter the entire length of this reach. Shoaling exists in the Left Outside Quarter for the first 1,025 ft of this reach. Spot Shoaling exists approximately 450 ft Seaward of channel coordinate 'NE-15' in the Left Outside Quarter. Shoaling exists in all quarters at the end of the reach and extends 1,000 ft Seaward. The controlling depth of -36.5 ft. MLLW is located in the Right Outside Quarter along the right outside edge approximately 100 ft. landward of RED #14 W/LIGHT EBB.</li> </ul>								

- **Reach B1:** Shoaling exists in the Right Outside Quarter, encroaching into the Right Inside Quarter, for much of this reach. Sporadic shoaling exists in the Left Outside Quarter in the vicinity of GREEN #17 W/LIGHT EBB. shoaling encroaches into the Left Inside Quarter approximately 300 ft landward of the beginning of the reach. Shoaling exists across the entire channel for the last 40 feet of this reach. The controlling depth of -35.1 ft. MLLW is located in the Right Outside Quarter at the end of the reach.
- **Reach C:** At the start of the reach on the Right Outside Quarter shoaling exists across most of this quarter. Then shoaling on both outside edges along the length of the reach. Shoaling exists in the Left Outside quarter 1650 ft seaward of GREEN #21 FLOOD as well as shoaling starting 600 ft seaward of the same, extending to the end of the Reach. Shoaling Exists in all Quarters 2070 ft Landward of Red Light #22 sporadically to the end of the reach. The controlling depth of -5.2 ft. MLLW is located along outside edge of the Right Outside Quarter at the corner where the reach turns to the left, Channel Coordinate 'N-16'.