

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

DATE: 09 May 2023

**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 – Port Elizabeth and Port Newark Pierhead Channels

**MINIMUM DEPTHS IN EACH ¼ WIDTH OF  
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (LOQ) (feet)	MID-CHANNEL		RIGHT OUTSIDE QUARTER (ROQ) (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)		LEFT INSIDE QUARTER (LIQ) (feet)	RIGHT INSIDE QUARTER (RIQ) (feet)	
<b>Reach G – Port Elizabeth Branch:</b> From the approximate location of NUN #2 EBB to a point located approximately 7,685 feet landward from the seaward beginning of the reach.	File # 5289/D/N2 Pgs. 2 – 4 of 6 4 – 6, 10, 11, & 27 April & 2 May 2023	750 – 500	1.27	50	48.8	49.5	47.8	48.5
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)	
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
<b>Reach F - Port Newark Pierhead Reach:</b> From the approximate location of NUN #4 EBB to the approximate location CAN #3 EBB.	File # 5289/D/N2 Pgs. 5 & 6 of 6 4 – 6, 10, 11, & 27 April & 2 May 2023	300-750	0.65	40	36.6	38.4	38.0	

**REMARKS:**

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

**NEWARK BAY – Port Elizabeth and Port Newark Pierhead Channels:**

**Reach G:**

- Shoaling exists along the in the both the Right and Left Outside Quarter of this reach extending into the inside quarters in several places. The landward last 1200 feet of the reach has numerous shoals across all quarters.
- The controlling depth of -47.8 feet MLLW exists on the landward end of the reach near the center of the channel.

**Reach F:**

- Shoaling exists throughout much of this reach.
- The controlling depth of -36.6 feet MLLW exists on the opposite side of the channel from the location of NUN #8 EBB.