

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE**

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DATE: 1 July 2024

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:
Matawan Creek, New Jersey

**MINIMUM DEPTHS IN
CHANNEL ENTERING FROM
SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (n miles)	DEPTH (feet)			
Reach A: Commences at the intersection with Keyport Harbor and extends landward approximately 3,315 feet to the Amboy Road and W. Front Street Bridge.	File No. 5433/AL Pg 2 & 3 of 5 5,24 June 2024	100 – 40	0.55	4	3.7	4.7	4.5
Reach B: Commences from the Amboy Road and W. Front Street Bridge and extends landward approximately 1,530 feet to the Route 35 bridge.	File No. 5433/AL Pg 3 of 5 5,24 June 2024	100 – 25	0.25	4	3.8	3.2	2.1
Reach C: Commences at the Route 35 Bridge and continues approximately 1,100 feet landward.	File No. 5433/AL Pg 3 of 5 5,24 June 2024	75 – 40	0.18	4	2.7	4.2	0.2
Reach D: Commences from the end of Reach C and continues for approximately 4,545 feet landward to the New Jersey Coastline Railroad.	File No. 5433/AL Pg 3, 4 & 5 of 5 5,24 June 2024	75 – 40	0.75	4	+0.1	+0.3	+1.3

REMARKS:

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

MATAWAN CREEK

- **Reach A:** Edge shoaling exists in this reach. The controlling depth of -3.7 ft MLLW exists in the Left Outside Quarter of the reach approximately 1,163 feet seaward of the landward end of this reach.
- **Reach B:** Shoaling exists in the Right Outside Quarter, extending into the Middle Half and the Left Outside Quarter of this reach within the seaward first half of this reach's length. The controlling depth of -2.1 feet MLLW exists in two areas in the Right Outside Quarter at approximately 350 and 565 feet landward of the beginning of this reach.
- **Reach C:** Edge shoaling exists in this reach extending into the Middle Half. The controlling depth of -0.2 feet MLLW exists in the Right Outside Quarter of the channel at the approximately 767 feet landward from the seaward beginning of this reach.
- **Reach D:** Shoaling exists throughout this reach, extending across the majority of the channel width. The controlling depth of +1.3 feet MLLW exists in the Middle 80% of the channel approximately 810 feet landward of the landward end of this reach.