

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

PAGE 1 OF 1 PAGE

DATE: 29 September 2022

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 (nmiles)	DEPTH (feet)			
Reach A: Commences at the intersection with Keyport Harbor, and extends landward approximately 3,345 feet to the Amboy Road and W. Front Street Bridge.	File No. 5193/AL; Pg 2 & 3 of 5; 16-17 August 2022	100 – 40	0.55	4	3.9	4.6	4.3
Reach B: Commences from the Amboy Road and W. Front Street Bridge, and extends landward approximately 1,505 feet to the Route 35 bridge.	File No. 5059/N2/AL; Pg 3 of 5; 16-17 August 2022	100 – 25	0.25	4	3.5	3.4	2.3
< 100 FEET WIDE					80% of CHANNEL WIDTH (feet)		
Reach C: Commences at the Route 35 Bridge, and continues approximately 1,115 feet landward.	File No. 5059/N2/AL; Pg 3 of 5; 16-17 August 2022	75 – 40	0.18	4		3.8	
Reach D: Commences from the end of Reach C and continues for approximately 4,565 feet landward to the New Jersey Coastline Railroad.	File No. 5059/N2/AL; Pg 3, 4, & 5 of 5; 16-17 August 2022	75 – 40	0.75	4		+2.6	

REMARKS:

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

MATAWAN CREEK

- **Reach A:** Minor edge shoaling exists in this reach. The controlling depth of -3.9 ft MLLW exists in the Left Outside Quarter of the reach approximately 1,585 feet landward of the beginning 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. The controlling depth of -2.3 feet MLLW exists in the Right Outside Quarter at approximately 350 feet landward of the beginning of this reach.
- **Reach C:** Edge shoaling exists in this reach. The controlling depth of 3.8 feet MLLW exists in the Middle 80% of the channel at the approximate end of the reach.
- **Reach D:** Shoaling exists throughout this reach, extending across the majority of the channel width. The controlling depth of +2.6 feet MLLW exists in the Middle 80% of the channel approximately 250 feet seaward of the end of this reach.