

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

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DATE: 01 October 2018

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 from the end of Keyport Harbor channel at the approximate location of RED NUN #12 EBB, and continues landward approximately 3,315 feet to the Amboy Ave – Front Street Bridge.	Map 94; Pg 1-2 of 2; 29 June, 5, 11, 20 July 2018	100 – 40	0.55	4	4.9	5.3	4.8
Reach B: Commences from the Amboy Ave – Front Street Bridge, and continues landward approximately 1,530 feet to the Route 35 bridge.	Map 94; Pg 2 of 2; 29 June, 5, 11, 20 July 2018	100 - 25	0.25	4	4.4	4.2	3.5
< 100 FEET WIDE					80% of CHANNEL WIDTH (feet)		
Reach C: Commences at the Route 35 Bridge, and continues approximately 1,100 feet landward.	Map 94; Pg 2 of 2; 29 June, 5, 11, 20 July 2018	75 - 40	0.18	4	3.4		

REMARKS:

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

MATAWAN CREEK

- **Reach A:** No shoaling exists in this reach.
- **Reach B:** Shoaling exists along the channel's toe in the Right Outside Quarter, commencing approximately 330 feet landward of the beginning of the reach, and continuing to a point approximately 840 feet landward of the same. The controlling depth of -3.5 feet MLLW exists in the Right Outside Quarter at approximately 555 feet landward of the beginning of the reach.
- **Reach C:** Shoaling exists along the right side of the channel, commencing approximately 260 feet landward of the beginning of the reach, and continuing landward to the end of the reach. The shoal extends into the middle half of the channel and has a maximum width of approximately 50 feet. The controlling depth of -3.4 feet MLLW exists in the right side of the channel at approximately 55 feet seaward of the end of the reach.