

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

PAGE 1 **OF** 1

DATE: 9 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:

Cheesequake 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: Commence from approximately 900 feet seaward of RED DAYMARKER #4 W/LIGHT to the approximate location of the same	File No. 5451/N4/AL Page 2 of 14 25 Jun & 1 Jul 2024	100	0.13	5	6.2	6.4	6.2
Reach B: Commence from the approximate location of RED DAYMARKER #4 W/LIGHT to the NJ State Highway 35 Bridge.	File No. 5451/N4/AL Page 3 of 14 25 Jun & 1 Jul 2024	100	0.18	5	2.4	4.9	6.7
						80% OF CHANNEL WIDTH (feet)	
Reach C: From the NJ State Highway 35 Bridge to approximately 130 feet seaward of the C.R.R. of NJ Bridge.	File No. 5451/N4/AL Page 4 of 14 25 Jun & 1 Jul 2024	35-95	0.09	5	5.1	4.5	3.5

REMARKS:

- All depths are in reference to Mean Lower Low Water (MLLW)
- Channel length is in nautical miles

CHEESEQUAKE CREEK:

- **Reach A:** No shoaling in this reach. The controlling depth of -6.2 feet MLLW exists on both the Left and Right Outside Quarters approximately 422 feet seaward of GREEN DAYMARKER #1.
- **Reach B:** Shoaling exists in the Left Outside Quarter, along the channel's toe. The controlling depth of -2.4 feet MLLW exists in the Left Outside Quarter approximately 754 feet landward of RED DAYMARKER #2 W/LIGHT.
- **Reach C:** Shoaling exists in the Middle Half and extends into the Left Outside Quarter. The controlling depth of -3.5 feet MLLW exists along the toe in the Right Outside Quarter approximately 288 feet landward of beginning of this reach.