

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

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**DATE:** 14 August 2020

**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)			
<b>Reach A:</b> Commence from approximately 880 feet seaward of RED DAY MARKER #4 to approximately 15 feet landward of RED DAY MARKER #4.	File No. 4970/N2; Page 1 of 2 22, 23, 28 July 2020	100	0.13	5	3.9	4.2	4.8
<b>Reach B:</b> Commence from approximately 15 feet landward of RED DAY MARKER #4 to the NJ State Highway 35 Bridge.	File No. 4970/N2; Page 1 & 2 of 2; 22, 23, 28 July 2020	100	0.18	5	1.3	2.8	5.1
						<b>80% OF CHANNEL WIDTH (feet)</b>	
<b>Reach C:</b> From the NJ State Highway 35 Bridge to approximately 130 feet landward of the C.R.R. of NJ Bridge.	File No. 4970/N2; Page 2 of 2; 22, 23, 28 July 2020	35-95	0.09	5		4.7	

**REMARKS:**

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

**CHEESEQUAKE CREEK:**

- **Reach A:** Shoaling exists at approximately 350 feet landward from the beginning of this reach and continues until approximately 30 feet seaward of the end of the reach, extending across the majority of the width of the channel. The controlling depth of -3.9 feet MLLW exists in the Left Outside Quarter from approximately 430 feet landward from the beginning of this reach to approximately 515 feet landward from the beginning of the reach.
- **Reach B:** Shoaling exists along the channel toe in the Left Outside Quarter extending into the Middle Half of this reach. The controlling depth of -1.3 feet MLLW exists in the Left Outside Quarter approximately 475 feet seaward from the end of this reach.
- **Reach C:** Sporadic shoaling exists throughout the Right Outside 10%, Middle 80%, and Left Outside 10% of this reach. The controlling depth of -3.5 feet MLLW exists in the Right 10% approximately 165 feet seaward of the C.R.R. of NJ Bridge. The controlling depth of -4.7 feet MLLW exists in the Middle 80% at approximately 245 feet landward from the beginning of this reach.