

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

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DATE: 14 September 2017

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 875 feet seaward of the RED #2 at the seaward end of the western jetty to approximately 20 feet landward of RED #2.	Map 43 Page 2 of 2 17, 18 July 2017	100	0.13	5	3.5	3.8	4.4
Reach B: Commence from 20 feet landward of RED #2 to the NJ State Highway 35 Bridge.	Map 43 Page 1, 2 of 2 17, 18 July 2017	100	0.18	5	+0.8	+0.3	5.4
						80% OF CHANNEL WIDTH (feet)	
Reach C: From the NJ State Highway 35 Bridge to the C.R.R. of NJ Bridge.	Map 43 Page 1 of 2 17, 18 July 2017	100	0.09	5		4.9	

REMARKS:

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

CHEESEQUAKE CREEK:

- **Reach A:** Shoaling exists in the Left Outside Quarter, extending into the Middle Half and Right Outside Quarter beginning approximately 560 feet seaward of GREEN #1 with Light and continues landward, where it tapers into the Middle Half, ending between Green Light #1 and Red Light #2.
- **Reach B:** Shoaling, including an area of positive elevations, exists in the Left Outside Quarter approximately 300 feet landward of GREEN #1 with Light and extends into the Middle Half approximately 510 feet landward of the same. Shoaling continues approximately 300 feet landward, where it tapers to the Left Outside Quarter, finishing 70 feet seaward of the end of the reach.
- **Reach C:** A small spot shoal exists in the Left Outside Quarter into the Middle 80% approximately 400 landward from the beginning of the reach and extends for approximately 12 feet landward with a maximum width of approximately 15 feet. A small edge shoal exists in the Right Outside Quarter, beginning approximately 400 feet landward of the beginning of the reach and extends for approximately 70 feet landward with a maximum width of approximately 5 feet.