

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

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DATE: 2 November 2016

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 BUG LIGHT #4 at the seaward end of the western jetty to approximately 135 feet landward of BUG LIGHT #4.	Map 42 Page 2 of 2 28 June & 06 July 2016	100	0.25	5	3.9	4.2	4.8
Reach B: Commence from 135 feet landward of BUG LIGHT #4 to the NJ State Highway 35 Bridge.	Map 42 Page 1 of 2 28 June & 06 July 2016	100	0.18	5	1.5	2.9	5.6
Reach C: From the NJ State Highway 35 Bridge to the C.R.R. of NJ Bridge.	Map 42 Page 1 of 2 28 June & 06 July 2016	100	0.09	5	5.3	5.7	6.3

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 Right Outside Quarter, Middle Half, and Left Outside Quarter beginning approximately 510 feet seaward of BUG LIGHT #5 and extends approximately to the end of this reach with a maximum width of approximately 85 feet.
- **Reach B:** A small shoal exists in the Left Outside Quarter approximately 145 feet landward of BUG LIGHT #5 with a maximum length of approximately 47 feet and a maximum width of approximately 11 feet. Shoaling exists in the Left Outside Quarter and Middle Half, beginning approximately 315 feet landward of BUG LIGHT #5 and extends landward for approximately 540 feet with a maximum width of approximately 41 feet.
- **Reach C:** A small shoal exists in the Right Outside Quarter, beginning approximately 275 feet landward of NJ STATE HWY RT. 35 and extends for approximately 72 feet landward with a maximum width of approximately 8 feet.