

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-3165)**

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DATE: 17 November 2012

TO: The Record

FROM: U.S. Army Corps of Engineers
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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: From the beginning of the reach approximately 2,146 feet landward to the outer end of the Northwest jetty.	Map 39 Pgs 2 & 3 of 3 16-17 July 2012	100	0.25	5	3.8	4.0	4.9
Reach B: From the outer end of the jetties to the NJ State Highway 35 Bridge.	Map 39 Pgs 1 & 2 of 3 16-17 July 2012	100	0.18	5	1.0	3.3	5.1
Reach C: From the NJ State Highway 35 Bridge to the C.R.R. of NJ Bridge.	Map 39 Pg 1 of 3 16-17 July 2012	100	0.09	5	4.1	5.3	5.9

REMARKS:

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

CHEESEQUAKE CREEK:

- **Reach A:** Shoaling begins in the vicinity of the seaward end of the jetties approximately 365 feet before the landward end of the reach. It starts in the Left Outside Quarter of the channel and gradually increases in width, in the landward direction, where it eventually extends across the majority of the channel width partially into the Right Outside Quarter extending into Reach B.
- **Reach B:** Shoaling exists across the majority of the Middle Half and Left Outside Quarter for approximately the first 215 feet of this reach. There is approximately 60 feet before shoaling begins again in the Left Outside Quarter and in the Middle Half. This second shoal extends landward approximately the next 715 feet of this reach across the Left Outside Quarter extending into the Middle Half with a 65 feet maximum width.
- **Reach C:** A small shoaled area, having an approximate width of the entire Left Outside Quarter of the channel, begins approximately 300 feet from the landward of the NJ SR 35 Bridge with an approximate length of 90 feet.