

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

PAGE 1 **OF** 1

DATE: 17 August 2021

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 RED DAYMARKER #4 W/LIGHT to approximately 10 feet landward of the same	Req No. / File No. 5086 Page 1 of 2 27,28,30 July 2021	100	0.13	5	6	5.7	5.8
Reach B: Commence from 10 feet landward of RED DAYMARKER #4 W/LIGHT to the NJ State Highway 35 Bridge.	Req No. / File No. 5086 Page 1 & 2 of 2 27,28,30 July 2021	100	0.18	5	4.1	5.9	5.9
						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.	Req No. / File No. 5086 Page 2 of 2 27,28,30 July 2021	35-95	0.09	5		4.3	

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 -5.7 feet MLLW exists in the Middle Half approximately 385 feet landward of the beginning of this reach.
- **Reach B:** Shoaling exists in the Left Outside Quarter, along the channel's toe. The controlling depth of -4.1 feet MLLW exists in the Left Outside Quarter approximately 205, 260 and 285 feet seaward of the end of this reach.
- **Reach C:** Shoaling exists in the Middle Half and extends into the Left Outside Quarter. The controlling depth of -4.3 feet MLLW exists in the Middle Half approximately 255, 265 and 275 feet landward of the NJ State Highway 35 Bridge.