

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 1		
					DATE: 18 February 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)			
Reach A: Commence from approximately 885 feet seaward of the DAY MARKER #4 to approximately 10 feet landward of DAY MARKER #4.	Request No. 4898 Page 1 of 2 7 January 2020	100	0.13	5	3.6	3.8	4.5
Reach B: Commence from 10 feet landward of DAY MARKER #4 to the NJ State Highway 35 Bridge.	Request No. 4898 Page 1&2 of 2 7 January 2020	100	0.18	5	0.8	2.6	4.8
						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.	Request No. 4898 Page 2 of 2 7 January 20	35-95	0.09	5		4.1	

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 the end of the reach, extending across the entire width of the channel. The controlling depth of -3.6 feet MLLW exists in the Left Outside Quarter from approximately 430 feet landward from the beginning of this reach to approximately 555 feet landward from the beginning of the reach.
- Reach B:** Shoaling exists across the entire channel for approximately 80 feet landward from at the start of the reach, where it then tapers along the Left Outside Quarter and extends into the Middle Half for the rest of the reach. The controlling depth of -0.8 feet MLLW exists in the Left Outside Quarter approximately 470 feet seaward from the end of this reach.
- Reach C:** The controlling depth of -4.1 feet MLLW exists in the Middle 80% at approximately 260 feet landward from the beginning of this reach, centered on approximately 70 feet of shoaling in the Middle 80% and left outside 10%.