

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

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DATE 13 June 2023

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:

Glen Cove Creek, New York

**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: Reach begins approximately 485 feet landward of RED #2 EBB to the downstream limit of the 50-foot-wide channel approximately 3425 feet landward from the seaward start of the reach.	File No. 5299/AL Sheets 2-4 of 5 8 May 2023	100-50	0.56	8	0.3	1.7	+1.2

**REPORT OF CHANNEL CONDITIONS
<100 FEET WIDE**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet) ¹
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
Reach B: From the end of Reach A at the start of the 50-foot-wide channel to a distance approximately 815 feet landward. This reach ends at the second bend in the channel.	File No. 5299/AL Sheet 4-5 of 5 8 May 2023	50	0.13	8	6.6	7.2	6.3
Reach C: From the end of Reach B at the second bend in the channel to the eastern terminus of the project, a point approximately 650 feet landward.	File No. 5299/AL Sheet 5 of 5 8 May 2023	50	0.11	8	+0.1	1.2	0.3

REMARKS:

- All depths are relative to Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.
- All distances are approximate.

GLEN COVE CREEK, NEW YORK:

- **Reach A:** Edge shoaling exists in the Right Outside Quarter and the Left Outside Quarter, extending to the Middle Half. The controlling depth of +1.2 feet MLLW exists in the Right Outside Quarter approximately 955 feet landward of the beginning of this reach.
- **Reach B:** Edge shoaling exists along the channel toe in the Left Outside Quarter and Right Outside Quarter extending into the Middle Half of the reach. The controlling depth of -6.3 feet MLLW exists in the Right Outside Quarter at approximately 440 feet landward of the beginning of this reach.
- **Reach C:** The majority of the reach is shoaled across the width of the channel. The controlling depth of +0.1 feet MLLW exists in the Left Outside Quarter at approximately 355 feet seaward of the end of this reach.