

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

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DATE 02 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:

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: Commence approximately 550 feet seaward of the southwestern most point of Mercadante Beach to the downstream limit of the 50-foot-wide channel.	File No. 5075/A; Sheets 1-2 of 3; 19-20 July 2021	100-50	0.56	8	+0.2	2.3	+1.0

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

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MIDDLE 80% (feet)
		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 1,000 feet landward.—This reach ends at the second bend in the channel.	File No. 5075/A; Sheet 2-3 of 3; 19-20 July 2021	50	0.13	8	6.6
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 645 feet landward.	File No. 5075/A; Sheet 3 of 3; 19-20 July 2021	50	0.11	8	1.4

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 +1.0 feet MLLW exists in the Right Outside Quarter approximately 950 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 80%. The controlling depth of -6.6 feet MLLW exists in the Middle 80% at approximately 40 feet seaward of the end of this reach.
- **Reach C:** The majority of the reach is shoaled across the width of the channel. The controlling depth of -1.4 feet MLLW exists in the Middle 80% at approximately 55 feet seaward of the end of this reach.