

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-306)**

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DATE 15 October 2012

TO: The Record

FROM: U.S. Army Corps of Engineers
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RIVER/HARBOR NAME AND STATE:
Glen Cove Creek, New York

**MINIMUM DEPTHS IN
CHANNEL ENTERING FROM
SEAWARD**

Glen Cove Creek, New York (100 Feet Channel Width)	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 deep water in Hempstead Harbor to downstream limit of the 50 feet wide channel.	Map 31 Pg. 1,2 & 3 of 3; Aug - Sept 2012	100-50	0.57	8	1.4	6.8	+0.7

Glen Cove Creek, New York (50 Feet Channel Width)	DATE OF SURVEY	AUTHORIZED PROJECT			80% CHANNEL WIDTH (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)	
Reach B: From the end of Reach A to a distance approximately 950 feet landward.	Map 31 Pg. 3 of 3; Aug - Sept 2012	50	0.16	8	6.0
Reach C: From the end of Reach B to the eastern terminus of the project.	Map 31 Pg. 3 of 3; Aug - Sept 2012	50	0.07	8	0.8

REMARKS:

- All depths are in Mean Low Water (MLW)
- Channel length is in nautical miles

Reach A:

- Intermittent shoaling exists along the Left Outside Quarter of the channel, and extends into the Middle Half of the channel in some areas.
- Intermittent shoaling exists along the Right Outside Quarter of the channel. The controlling depth of +0.7 ft. exists in the vicinity of the "iron wall remains".

Reach B:

- Minor spot shoaling exists along the left channel line.
- Shoaling exists along a majority of the right channel line and extends into the Middle 80% of the channel with a width of up to 30 feet covering approximately half of the middle 80% of the channel.
- Shoaling exists across the entire channel width for the last 220 to 300 feet of Reach B.

Reach C:

- Shoaling exists across the entire channel width of Reach C.