

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE <i>(ER 1130-2-306)</i>						PAGE 1 OF 1	
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	
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 foot wide channel, approximately 3400 feet landward.	Map 32 Pg. 1-3 of 3; 23-24 July 2013	100-50	0.56	8	0.0	2.1	0.4
Glen Cove Creek, New York (50 Feet Channel Width)	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE 10% (feet)	80% CHANNEL WIDTH (feet)	RIGHT OUTSIDE 10% (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 815 feet landward.	Map 32 Pg. 1 of 3; 23-24 July 2013	50	0.13	8	7.7	7.5	6.4
Reach C: From the end of Reach B to the eastern terminus of the project, a point approximately 650 feet landward.	Map 32 Pg. 1 of 3; 23-24 July 2013	50	0.11	8	0.9	1.2	1.3
REMARKS: <ul style="list-style-type: none"> All depths are in Mean Lower Low Water (MLLW) Channel length is in nautical miles Reach A: <ul style="list-style-type: none"> Shoaling exists along the Left Outside Quarter and Middle Half of the channel beginning approximately 490 feet landward from the start of Reach A and extending approximately 400 feet landward with maximum width of approximately 50 feet. Another shoal exists along the Left Outside Quarter of the channel beginning approximately 1,375 feet landward of the start of Reach A and extending approximately 125 feet landward. More shoaling exists along the Left Outside Quarter of the channel beginning approximately 2,535 feet landward of the start of Reach A and extending until the end of this reach. Shoaling exists along the Right Outside Quarter of the channel beginning approximately 800 feet landward of the start of Reach A and extending approximately 225 feet landward with maximum width of approximately 20 feet. Additionally, sporadic shoaling exists along the Right Outside Quarter of the channel beginning approximately 2,745 feet landward of the start of Reach A and extending approximately 650 feet landward. Reach B: <ul style="list-style-type: none"> Intermittent shoals exist along the Left Outside 10% and the Right Outside 10% of this reach with small patches of shoaling extending into the Middle 80% of the channel in several locations. Reach C: <ul style="list-style-type: none"> Shoaling exists along the entire width of this reach with the exception of section approximately 100 feet in length at the start of the reach in the Middle 80%. 							
ENG FORM 4020-R, Nov 90		EDITION OF JUL 59 IS OBSOLETE			(Proponent: CECW-OM)		