

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 1 PAGE		
					DATE	17 December 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: Great South Bay - Patchogue River, 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 D (Entrance Channel): From the intersection with the Great South Bay Channel, to a point approximately 8,550 feet landward where the 10 Foot Inside Section Reach begins.	Map 4972, Sheets 1-3 of 4; 1-28 October 2020	100	1.41	10	6.7	6.9	6.3
Reach E (10 Foot Inside Section): From the landward extent of the Entrance Channel Reach, to a point approximately 4,155 feet landward where the 8 Foot Inside Section Reach begins.	Map 4972, Sheets 3-4 of 4; 1-28 October 2020	100	0.68	10	3.0	4.4	2.9
Reach F (8 Foot Inside Section): From the landward extent of the 10 Foot Inside Section Reach, to a point approximately 1,170 feet landward of the Section Reach's only bend.	Map 4972, Sheets 4 of 4; 1-28 October 2020	100	0.19	8	4.5	4.6	5.6
REMARKS: <ul style="list-style-type: none"> • All reported depths are relative to the Mean Lower Low Water (MLLW) datum. • Channel reach lengths are in nautical miles. 							
GREAT SOUTH BAY - PATCHOGUE RIVER <ul style="list-style-type: none"> • Reach D (Entrance Channel): <ul style="list-style-type: none"> ○ Shoaling exists across the entire width of the channel for the majority of the reach. ○ A controlling depth of -6.3 MLLW is located in the Right Outside Quarter of the channel at approximately the end of the reach. • Reach E (10 Foot Depth Inside Section): <ul style="list-style-type: none"> ○ Shoaling exists across the entire width of the channel, from the beginning of the reach until approximately 895 feet from the end of the reach, where it continues intermittently in the Right Outside Quarter and Middle Half, until approximately 315 feet from the end of the reach. ○ A controlling depth of -2.9 feet MLLW exists in the Right Outside Quarter of the channel approximately 480 feet landward of FL G "5". • Reach F (8 Foot Depth Inside Section): <ul style="list-style-type: none"> ○ Shoaling exists intermittently along the channel in the Right Outside Quarter, Left Outside Quarter, and partially in the Middle Half. ○ A controlling depth of -4.5 feet MLLW exists in the Left Outside Quarter of the channel approximately 135 feet from the end of the reach. 							