

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

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DATE 13 January 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:
Flushing Bay and 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 (Main Channel): From deep water in the East River approximately 1,450 feet seaward of RED NUN #4 W/ LIGHT EBB to approximately 60 feet landward of GREEN CAN #13 EBB.	Request No. 5244/N3; Pgs 2-5 of 7; 07, 08, 13 December 2022	300 - 245	1.49	15	14.0	15.5	6.0
Reach B (Creek Channel): From approximately 60 feet landward of GREEN CAN #13 EBB to the Whitestone Expressway Bridge.	Request No. 5244/N3; Pgs 5-6 of 7; 07, 08, 13 December 2022	245 - 135	0.46	15	13.6	15.9	12.2
Reach C (Creek Channel): From the Whitestone Expressway Bridge to approximately the Northern Boulevard Bridge.	Request No. 5244/N3; Pg 6 of 7; 07, 08, 13 December 2022	200 - 75	0.21	15	11.6	13.2	4.9
Reach F (Branch Channel): Beginning approximately 400 feet seaward of GREEN CAN #13 EBB at the initial bend of the Main Channel, extending approximately 900 feet south to approximately 45 feet south of RED #2 SLACK	Request No. 5244/N3; Pg 5 of 7; 07, 08, 13 December 2022	215	0.10	15	10.9	8.2	7.0
NAME OF CHANNEL		AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL		
		WIDTH (feet)	AREA (acres)	DEPTH (feet)			
Partial Reach G: Irregularly shaped Maneuvering Area, located adjacent to the Reach B portion of the Creek Channel as well as the end of the Branch Channel, Reach F. Adjacent to the south of the Reach I Maneuvering Area.	Request No. 5244/N3; Pg 7 of 7; 07, 08, 13 December 2022	Irregular	25.6	15	3.9		

REMARKS:

- All reported depths are relative to the Mean Lower Low Water (MLLW) datum
- Channel reach lengths are in nautical miles
- River mile 2.5 to river mile 2.9 has been de-authorized in WRDA 2020

FLUSHING BAY AND CREEK:

- **Reach A:** Shoaling exists in the Right Outside Quarter along the toe of the channel throughout this entire reach. The controlling depth of -6.0 feet MLLW exists in the Right Outside Quarter in the approximate vicinity of WHITE RESTRICTED EBB.

- **Reach B:** Edge shoaling exists intermittently along the Left Outside Quarter and the Right Outside Quarter. The controlling depth of -12.2 feet MLLW exists in the Right Outside Quarter approximately 200 feet seaward of the end of this reach.
- **Reach C:** Shoaling exists along the channel's toe throughout this entire reach. The controlling depth of -4.9 feet MLLW is located in the Right Outside Quarter at a point approximately 550 feet seaward of the end of this reach.
- **Partial Reach F:** Shoaling exists throughout the majority of this reach. The controlling depth of -7.0 feet MLLW is located in the Right Outside Quarter at a point approximately 125 feet seaward of RED #2 SLACK.
- **Partial Reach G:** Shoaling exists throughout much of this partial reach. The controlling depth of -3.9 feet MLLW exists at the southern boundary of this reach closest to GREEN #1 SLACK.