

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

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**DATE 05 January 2022**

**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)			
<b>Reach A (Main Channel):</b> From deep water in the East River approximately 1,500 feet seaward of RED NUN #4 W/ FLOOD to approximately 110 feet landward of GREEN CAN #13 FLOOD.	Request No. 5115/N1; Pgs 1-3 of 5; 9, 10, 15, 16 November 2021	300 - 245	1.49	15	10.7	14.4	5.9
<b>Reach B (Creek Channel):</b> From approximately 110 feet landward of GREEN CAN #13 FLOOD to the Whitestone Expressway Bridge.	Request No. 5115/N1; Pgs 3-4 of 5; 9, 10, 15, 16 November 2021	245 - 135	0.46	15	8.8	12.2	9.2
<b>Reach C (Creek Channel):</b> From the Whitestone Expressway Bridge to approximately the Northern Boulevard Bridge.	Request No. 5115/N1; Pg 4 of 5; 9, 10, 15, 16 November 2021	200 - 75	0.21	15	6.5	12.7	5.2
<b>Reach F (Branch Channel):</b> Beginning approximately 550 feet seaward of RESTRICTED AREA BUOY FLOOD at the initial bend of the Main Channel, extending approximately 900 feet south into the Maneuvering Area.	Request No. 5115/N1; Pg 3 of 5; 9, 10, 15, 16 November 2021	215	0.10	15	10.7	7.9	7.0
NAME OF CHANNEL		AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL		
		WIDTH (feet)	AREA (acres)	DEPTH (feet)			
<b>Reach G:</b> 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 and Reach H.	Request No. 5115/N1; Pgs 3 & 5 of 5; 9, 10, 15, 16 November 2021	Irregular	25.6	15	4.0		
<b>Reach H:</b> Triangular Maneuvering Area located adjacent to, and south of, the Reach G Maneuvering Area.	Request No. 5115/N1; Pg 5 of 5; 9, 10, 15, 16 November 2021	Irregular	1.0	12	1.9		
<b>Reach I:</b> Irregularly shaped Anchorage Basin located adjacent to the Branch Channel, and adjacent to, as well as north of, the Reach G Maneuvering Area.	Request No. 5115/N1; Pgs 3 & 5 of 5; 9, 10, 15, 16 November 2021	Irregular	47.9	6	1.5		

**REMARKS:**

- All reported depths are relative to the Mean Lower Low Water (MLLW) datum
- Channel reach lengths are in nautical miles
- River mile 2.2 to river mile 2.5 has been de-authorized in WRDA 2020

**FLUSHING BAY AND CREEK:**

- **Reach A:** Shoaling exists intermittently along the Left Outside Quarter and Right Outside Quarter extending into the Middle Half of this reach. The controlling depth of -6.7 feet MLLW exists in the Right Outside Quarter approximately 190 feet landward of RED TOWER #8 W/LIGHT.

- **Reach B:** Shoaling exists intermittently along the Left Outside Quarter extending into the Middle Half and the Right Outside Quarter extending into the Middle Half of this reach. The controlling depth of -8.8 feet MLLW exists in the Left Outside Quarter approximately 95 feet landward of GREEN CAN #17 FLOOD.
- **Reach C:** Shoaling exists intermittently along the Left Outside Quarter extending into the Middle Half and the Right Outside Quarter extending into the Middle Half of this reach. The controlling depth of -5.2 feet MLLW is located in the Right Outside Quarter at a point approximately 410 feet seaward of DANGER BUOY FLOOD.
- **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 40 feet landward of RESTRICTED AREA BUOY FLOOD.
- **Reach G:** Shoaling exists throughout the majority of this reach. The controlling depth of -4.0 feet MLLW exists at the southern boundary of this reach closest to GREEN CAN #1 EBB.
- **Reach H:** Shoaling exists throughout this entire reach. The controlling depth of -1.9 feet MLLW exists at approximately at the landward terminus of this reach.
- **Reach I:** Shoaling exists throughout this entire reach. The controlling depth of -1.5 feet MLLW exists at the northern corner of this reach.