

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

PAGE 1 OF 2 PAGES

DATE 18 February 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:**

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 1,495 feet seaward of RED NUN #4 W/ FLOOD to approximately 95 feet landward of GREEN CAN #13 EBB.	Request No. 4888/N3; Pgs 1-3 of 5; 11-14 December 2019	300 - 245	1.49	15	11.4	14.2	6.7
<b>Reach B (Creek Channel):</b> From approximately 95 feet landward of GREEN CAN #13 to the Whitestone Expressway Bridge.	Request No. 4888/N3; Pgs 3-4 of 5; 11-14 December 2019	245 - 135	0.46	15	9.8	13.7	11.3
<b>Reach C (Creek Channel):</b> From the Whitestone Expressway Bridge to approximately the Northern Boulevard Bridge.	Request No. 4888/N3; Pg 4 of 5; 11-14 December 2019	200 - 75	0.21	15	9.3	9.4	6.4
<b>Reach D (Creek Channel):</b> From approximately the Northern Boulevard Bridge to a point approximately 1565 feet landward.	Request No. 4888/N3; Pg 4 of 5; 11-14 December 2019	200 - 75	0.26	15	0.5	+1.2	+1.9
<b>No Survey Coverage in Reach E (Creek Channel):*</b> From approximately 1,565 feet landward of Northern Boulevard Bridge to the channel's end approximately 420 feet landward.	Request No. 4888/N3; Pg 4 of 5; 11-14 December 2019	175-120	0.07	15	No survey coverage exists in this reach.		
<b>Reach F (Branch Channel):</b> Beginning approximately 615 feet seaward of RESTRICTED AREA BUOY W/ LIGHT EBB at the initial bend of the Main Channel, extending approximately 900 feet south into the Maneuvering Area.	Request No. 4888/N3; Pg 3 of 5; 11-14 December 2019	215	0.10	15	10.9	9.4	7.4
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. 4888/N3; Pgs 3 & 5 of 5; 11-14 December 2019	Irregular	25.6	15	4.2		
<b>Reach H:</b> Triangular Maneuvering Area located adjacent to, and south of, the Reach G Maneuvering Area.	Request No. 4888/N3; Pg 5 of 5; 11-14 December 2019	Irregular	1.0	12	2.8		
<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. 4888/N3; Pgs 3 & 5 of 5; 11-14 December 2019	Irregular	47.9	6	1.4		

**REMARKS:**

- All reported depths are relative to the Mean Lower Low Water (MLLW) datum
  - Channel reach lengths are in nautical miles
- \*Survey coverage does not exist in Reach E.

**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 390 feet landward from RESTRICTED AREA BUOY FLOOD.
- **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 -9.8 feet MLLW exists in the Left Outside Quarter approximately 140 feet landward of GREEN CAN #17 EBB.
- **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 -6.4 feet MLLW is located in the Right Outside Quarter at a point approximately 605 feet seaward of the landward terminus of this reach.
- **Reach D:** Shoaling exists throughout the entire width of the channel for the majority of this reach. The controlling depth of +1.9 feet MLLW is located in the Right Outside Quarter approximately 740 feet landward of the seaward terminus of this reach.
- **Reach E:** No survey coverage exists in this reach.
- **Reach F:** Shoaling exists throughout the majority of this reach. The controlling depth of -7.4 feet MLLW is located in the Right Outside Quarter at a point approximately 90 feet seaward of RESTRICTED AREA BUOY W/ LIGHT EBB.
- **Reach G:** Shoaling exists throughout the majority of this reach. The controlling depth of -4.2 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 -2.8 feet MLLW exists at approximately 209 feet seaward from the southwestern boundary of this reach.
- **Reach I:** Shoaling exists throughout this entire reach. The controlling depth of -1.4 feet MLLW exists at the northern corner of this reach.