

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 3 PAGES		
					DATE 13 August 2019		
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: Newtown 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:</b> From the junction with the East River, to the Pulaski Bridge.	Map 81, Pg 1 of 7; 26 Apr and 14-16, 20 May 2019	130 - 1000	0.55	23	5.3	12.9	13.6
<b>Reach B:</b> From Pulaski Bridge to approximately 400 feet seaward from the junction with Whale Creek.	Map 81, Pg 1 & 2 of 7; 26 Apr and 14-16, 20 May 2019	130	0.26	23	14.3	18.3	15.3
<b>Reach C:</b> From the beginning of the junction with Whale Creek to Greenpoint Avenue Bridge.	Map 81, Pg 2 & 3 of 7; 26 Apr and 14-16, 20 May 2019	130	0.44	23	14.1	16.0	13.9
<b>Reach D:</b> From Greenpoint Avenue Bridge to Kosciuszko Bridge.	Map 81, Pg 3 & 4 of 7; 26 Apr and 14-16, 20 May 2019	130	0.66	23	10.6	15.9	12.6
<b>Reach E (Main Channel adjacent to Turning Basin):</b> From the Kosciuszko Bridge, to approximately 150 feet seaward of Maspeth Avenue.	Map 81, Pg 4 & 5 of 7; 26 Apr and 14-16, 20 May 2019	130-300	0.50	23	4.6	12.3	11.4
<b>Reach E1 (Branch Channel adjacent to Turning Basin):</b> From the northernmost corner of Mussel Island turning basin at the junction with the Main Channel, to the east corner of the Mussel Island turning basin at the entrance of Maspeth Creek.	Map 81, Pg 4 & 5 of 7; 26 Apr and 14-16, 20 May 2019	115-565	0.14	23	4.4	4.7	2.4
<b>Reach G (Mussel Island Turning Basin):</b> Area between Branch Channel (Reach E1) and Main Channel	Map 81, Pg 5 of 7; 26 Apr and 14-16, 20 May 2019	Irregular	4.77 acres	23	2.0		
<b>Reach H (To Entrance to English Kills):</b> From approximately 150 feet seaward of Maspeth Avenue, to the junction with English Kills	Map 81, Pg 5 & 6 of 7; 26 Apr and 14-16, 20 May 2019	150-280	0.14	20	4.3	14.0	3.8

<b>Reach I (Partial):</b> Survey coverage exists from the junction with the Main Channel to the Grand Street Bridge.	Map 81, Pg 6 of 7; 26 Apr and 14-16, 20 May 2019	125-150	0.29	20	4.9	7.5	3.6
<b>Reach J (English Kills):</b> From junction with Main Channel to the Metropolitan Avenue Bridge.	Map 81, Pg 6 of 7; 26 Apr and 14-16, 20 May 2019	80-240	0.47	20	5.5	8.4	0.8
<b>Reach K (Partial):</b> Survey coverage exists from Metropolitan Avenue Bridge landward approximately 1,450 feet.	Map 81, Pg 6 & 7 of 7; 26 Apr and 14-16, 20 May 2019	80-215	0.35	12	5.2	3.5	2.2
<b>Reach L (Dutch Kills) (Partial):</b> Survey coverage exists from the junction with the main channel at the beginning of Reach C, to a point approximately 345 feet landward.	Map 81, Pg 2 of 7; 26 Apr and 14-16, 20 May 2019	40-315	0.50	20	8.0	6.9	8.4
<b>Triangular Area:</b> Parallel to Reach A and extends for approximately 1335 feet.	Map 81, Pg 1 of 7; 26 Apr and 14-16, 20 May 2019	Irregular	Irregular	23	7.6		

**REMARKS:**

- All reported depths are relative to Mean Lower Low Water datum.
- Channel reach lengths are in nautical miles.
- All distances and dimensions are approximate.

**NEWTOWN CREEK:**

- **Reach A:** Shoaling exists across the entire width of the channel throughout the majority of this reach. The controlling depth of -5.3 feet MLLW exists in the Left Outside Quarter approximately 1880 feet landward from the beginning of this reach
- **Reach B:** Shoaling exists across the entire width of the channel throughout the majority of this reach. The controlling depth of -14.3 feet MLLW exists in the Left Outside Quarter approximately 820 feet seaward from the beginning of this reach
- **Reach C:** Shoaling exists across the entire width of the channel throughout the majority of this reach. The controlling depth of -13.9 feet MLLW exists in the Right Outside Quarter approximately 210 feet seaward from the end of this reach.
- **Reach D:** Shoaling exists across the entire width of the channel throughout the majority of this reach. The controlling depth of -10.6 feet MLLW exists in the Left Outside Quarter approximately 1755 feet seaward from the end of this reach.
- **Reach E:** Shoaling exists across the entire width of the channel throughout the majority of this reach. The controlling depth of -4.6 feet MLLW exists in the Left Outside Quarter approximately 345 feet seaward from the end of this reach.
- **Reach E1:** Shoaling exists throughout this entire reach. The controlling depth of -2.4 feet MLLW exists in the Right Outside Quarter approximately 15 feet seaward from the end of this reach.
- **Reach G:** Shoaling exists throughout this entire reach. The controlling depth of -2.0 exists approximately 115 feet MLLW southwest from the most eastern corner of this reach.
- **Reach H:** Shoaling exists throughout the majority of this reach. The controlling depth of -3.8 feet MLLW exists in the Right Outside Quarter approximately 425 feet landward from the beginning of this reach.
- **Reach I (Partial):** Shoaling exists across the entire width of the channel throughout the majority of this reach where there was survey coverage. The controlling depth of -3.6 feet MLLW exists in the Right Outside Quarter approximately 445 feet landward from the beginning of this reach.
- **Reach J:** Shoaling exists across the entire width of the channel throughout the majority of this reach. The controlling depth of -0.8 feet MLLW exists in the Right Outside Quarter approximately 200 feet landward from the first bend of this reach.
- **Reach K (Partial):** Shoaling exists throughout the majority of this reach where there was survey coverage. The controlling depth of -2.2 feet MLLW exists in the Right Outside Quarter approximately 375 feet seaward from the second bend in the channel
- **Reach L (Partial):** Shoaling exists across the entire width of the channel throughout the majority of this reach where there was survey coverage. The controlling depth of -6.9 feet MLLW exists in the Middle Half approximately 365 feet landward from the beginning of this reach.
- **Triangular Area:** Shoaling exists on the eastern half of this channel. The controlling depth of -7.6 feet MLLW exists approximately 300 feet from the northeastern corner of this reach.