

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 3 PAGES		
					DATE 12 August 2021		
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.	File# 5071 N2/N3 Pg 1 of 7; 2,3,7,8,9 June 2021	278 – 130	0.55	23	5.0	13.1	13.1
<b>Reach A1 (Triangular Area):</b> Parallel to Reach A and extends approximately 1,335 feet.	File# 5071 N2/N3 Pg 1 of 7; 2,3,7,8,9 June 2021	Irregular	Irregular	23	8.0		
<b>Reach B:</b> From Pulaski Bridge to approximately 400 feet seaward of the junction with Whale Creek.	File# 5071 N2/N3 Pg 1 & 2 of 7; 2,3,7,8,9 June 2021	130	0.26	23	14.8	18.9	15.2
<b>Reach C:</b> From the approximately 400 feet seaward of the junction with Whale Creek to Greenpoint Avenue Bridge.	File# 5071 N2/N3 Pg 2 & 3 of 7; 2,3,7,8,9 June 2021	130	0.44	23	14.1	17.0	13.2
<b>Reach D:</b> From Greenpoint Avenue Bridge to Kosciuszko Bridge.	File# 5071 N2/N3 Pg 3 & 4 of 7; 2,3,7,8,9 June 2021	130	0.66	23	10.7	15.0	11.0
<b>Reach E (Main Channel adjacent to Turning Basin):</b> From the Kosciuszko Bridge, to approximately 150 feet seaward of Maspeth Avenue.	File# 5071 N2/N3 Pg 4 & 5 of 7; 2,3,7,8,9 June 2021	130 – 278	0.50	23	4.2	13.0	9.2
<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.	File# 5071 N2/N3 Pg 5 of 7; 2,3,7,8,9 June 2021	622 – 100	0.14	23	6.9	5.9	6.2
<b>Reach G (Mussel Island Turning Basin):</b> Area between Branch Channel (Reach E1) and Main Channel.	File# 5071 N2/N3 Pg 5 of 7; 2,3,7,8,9 June 2021	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.	File# 5071 N2/N3 Pg 5 & 6 of 7; 2,3,7,8,9 June 2021	150	0.10	20	0.6	14.7	0.8
<b>Reach I (Partial):</b> Survey coverage exists from the junction with the Main Channel to the Grand Street Bridge.	File# 5071 N2/N3 Pg 6 of 7; 2,3,7,8,9 June 2021	279 – 125	0.29	20	5.9	10.3	2.8
<b>Reach J (English Kills):</b> From junction with Main Channel to the Metropolitan Avenue Bridge.	File# 5071 N2/N3 Pg 6 of 7; 2,3,7,8,9 June 2021	125 – 80	0.47	20	5.5	8.3	0.6
<b>Reach K (Partial):</b> Survey coverage exists from the Metropolitan Avenue Bridge to a point located approximately 1,450 feet landward.	File# 5071 N2/N3 Pg 6 & 7 of 7; 2,3,7,8,9 June 2021	80-100	0.35	12	4.9	3.9	1.0
<b>Reach L (Dutch Kills) (Partial):</b> Survey coverage exists from the junction with the Main Channel at the beginning of Reach C, to approximately 350 feet landward of the beginning of this reach.	File# 5071 N2/N3 Pg 2 of 7; 2,3,7,8,9 June 2021	313 – 42	0.49	20	6.3	7.6	7.2

**REMARKS:**

- All reported depths are relative to Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.

**NEWTOWN CREEK:**

- **Reach A:** Shoaling exists across the entire width of the channel throughout much of this reach. The controlling depth of -5.0 feet MLLW exists in the Left Outside Quarter approximately 425 feet landward of FIXED ATON G3 W/LIGHT.
- **Reach A1 (Triangular Area):** Shoaling exists in the eastern portion of this reach. The controlling depth of -8.0 feet MLLW exists in multiple locations from approximately 200 feet to 275 feet seaward of FIXED ATON G3 W/LIGHT.
- **Reach B:** Shoaling exists across the entire width of the channel throughout much of this reach. The controlling depth of -14.8 feet MLLW exists in the Left Outside Quarter approximately 785 feet seaward of the end of this reach
- **Reach C:** Shoaling exists across the entire width of the channel throughout much of this reach. The controlling depth of -13.2 feet MLLW exists in the Right Outside Quarter approximately 190 feet seaward of the end of this reach.
- **Reach D:** Shoaling exists across the entire width of the channel throughout much of this reach. The controlling depth of -10.7 feet MLLW exists in the Left Outside Quarter approximately 1,870 feet seaward of the end of this reach.
- **Reach E:** Shoaling exists across the entire width of the channel throughout much of this reach. The controlling depth of -4.2 feet MLLW exists in the Left Outside Quarter approximately 345 feet seaward of the end of this reach.
- **Reach E1:** Shoaling exists throughout this entire reach. The controlling depth of -5.9 feet MLLW exists in the Middle Half of the channel, approximately 35 feet seaward of the end of this reach.
- **Reach G:** Shoaling exists throughout this entire reach. The controlling depth of -2.0 feet MLLW exists approximately 115 feet southwest of the eastern most corner of this reach.
- **Reach H:** Shoaling exists throughout much of this reach. The controlling depth of -0.6 feet MLLW exists in the Left Outside Quarter approximately 560 feet landward of the beginning of this reach.
- **Reach I (Partial):** Shoaling exists across the entire width of the channel throughout much of this partial reach. The controlling depth of -2.8 feet MLLW exists in the Right Outside Quarter approximately 450 feet landward of the beginning of this partial reach.
- **Reach J:** Shoaling exists across the entire width of the channel throughout much of this reach. The controlling depth of -0.6 feet MLLW exists in the Right Outside Quarter approximately 215 feet landward of the first bend of this reach.
- **Reach K (Partial):** Shoaling exists throughout much of this partial reach. The controlling depth of -1.0 feet MLLW exists in the Right Outside Quarter approximately 400 feet landward of the partial reach's first bend (at the approximate location of the partial reach's second bend).
- **Reach L (Partial):** Shoaling exists across the entire width of the channel throughout much of this partial reach. The controlling depth of -6.3 feet MLLW exists in the Left Outside Quarter approximately 465 feet landward of the beginning of this partial reach.