

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

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DATE 8 December 2017

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)			
Reach A: From the junction with the East River, to the Pulaski Bridge.	Map 80, Pg 1 of 7; 12-14,20-22,25-26 Sep 2017	130 - 1000	0.55	23	5.4	8.3	14.7
Reach B: From Pulaski Bridge landward to a point approximately 1,550 feet landward at beginning of the junction with Dutch Kills.	Map 80, Pg 1 & 2 of 7; 12-14,20-22,25-26 Sep 2017	130	0.26	23	15.7	18.6	15.5
Reach C: From the beginning of the junction with Dutch Kills to Greenpoint Avenue Bridge.	Map 80, Pg 2 & 3 of 7; 12-14,20-22,25-26 Sep 2017	130	0.44	23	14.2	16.6	13.2
Reach D: From Greenpoint Avenue Bridge to Kosciusko Bridge.	Map 80, Pg 3 & 4 of 7; 12-14,20-22,25-26 Sep 2017	130	0.66	23	9.0	15.6	11.2
Reach E (Main Channel adjacent to Turning Basin): From the Kosciusko Bridge, to approximately 150 feet seaward of Maspeth Avenue.	Map 80, Pg 4 & 5 of 7; 12-14,20-22,25-26 Sep 2017	130-300	0.50	23	5.8	12.8	9.4
Reach E1 (Branch Channel adjacent to Turning Basin): 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 80, Pg 4 & 5 of 7; 12-14,20-22,25-26 Sep 2017	115-565	0.14	23	6.5	6.3	7.6
Reach G (Mussel Island Turning Basin): Area between Branch Channel (Reach E1) and Main Channel	Map 80, Pg 5 of 7; 12-14,20-22,25-26 Sep 2017	Irregular	4.77 acres	23	2.4		
Reach H (To Entrance to English Kills): From approximately 150 feet seaward of Maspeth Avenue, to the junction with English Kills	Map 80, Pg 5 & 6 of 7; 12-14,20-22,25-26 Sep 2017	150-280	0.14	20	3.4	12.8	5.3

Reach I (Partial): Survey coverage exists from the junction with the Main Channel landward 640 feet	Map 80, Pg 6 of 7; 12-14,20- 22,25-26 Sep 2017	125-150	0.29	20	5.6	8.3	5.4
Reach J (English Kills): From junction with Main Channel to the Metropolitan Avenue Bridge.	Map 80, Pg 6 of 7; 12-14,20- 22,25-26 Sep 2017	80-240	0.47	20	6.9	8.8	4.5
Reach K (Partial): Survey coverage exists from Metropolitan Avenue Bridge landward approximately 1,890 feet.	Map 80, Pg 6 & 7 of 7; 12-14,20- 22,25-26 Sep 2017	80-215	0.35	12	3.9	3.5	2.1
Reach L (Dutch Kills) (Partial): Survey coverage exists from the junction with the main channel at the beginning of Reach C, to a point approximately 380 feet landward.	Map 80, Pg 2 of 7; 12-14,20- 22,25-26 Sep 2017	40-315	0.50	20	8.9	6.0	6.0

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.
- **Reach B:** Shoaling exists across the entire width of the channel throughout the majority of this reach.
- **Reach C:** Shoaling exists across much of the channel throughout this reach, except an area in the Middle Half of the channel where project depth is available, starting 155 feet landward of the beginning of the reach and continues landward for 1,090 feet becoming as wide as the channel's entire width.
- **Reach D:** Shoaling exists across the entire width of the channel throughout the majority of this reach.
- **Reach E:** Shoaling exists across the entire width of the channel throughout the majority of this reach.
- **Reach E1:** Shoaling exists throughout this entire reach.
- **Reach G:** Shoaling exists throughout this entire reach.
- **Reach H:** Shoaling exists throughout the majority of this reach.
- **Reach I (Partial):** Shoaling exists throughout this entire reach where there was survey coverage.
- **Reach J:** Shoaling exists across the entire width of the channel throughout the majority of this reach.
- **Reach K (Partial):** Shoaling exists throughout the majority of this reach where there was survey coverage.
- **Reach L (Partial):** Shoaling exists throughout this entire reach where there was survey coverage.