

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

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DATE 10 February 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 (Pulaski Bridge): From the junction with the East River, to the Pulaski Bridge.	Pg 1 of 5, Map 79; 15,19,21, 27,28 Sep; 5,11 Oct 2016	1000-130	0.55	23	5.1	7.3	15.2
Reach B (Dutch Kills): From Pulaski Bridge, to a point approximately 1,550 feet landward of the start of the reach at beginning of the junction with Dutch Kills.	Pg 1 & 2 of 5, Map 79; 15,19,21, 27,28 Sep; 5,11 Oct 2016	130	0.26	23	15.5	18.6	15.8
Reach C (Greenpoint Bridge): From the beginning of the junction with Dutch Kills to Greenpoint Avenue Bridge.	Pg 2 & 3 of 5, Map 79; 15,19,21, 27,28 Sep; 5,11 Oct 2016	130	0.44	23	13.7	15.2	13.2
Reach D (Kosciusko Bridge): From Greenpoint Avenue Bridge to Kosciusko Bridge.	Pg 3 & 4 of 5, Map 79; 15,19,21, 27,28 Sep; 5,11 Oct 2016	130	0.66	23	9.5	15.5	10.9
Reach E (Main Channel adjacent to Turning Basin): From the Kosciusko Bridge, to approximately 150 feet seaward of Maspeth Avenue.	Pg 4 & 5 of 5, Map 79; 15,19,21, 27,28 Sep; 5,11 Oct 2016	130-300	0.50	23	8.3	13.3	9.3
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 easternmost corner of the same turning basin at the entrance of Maspeth Creek.	Pg 5 of 5, Map 79; 15,19,21, 27,28 Sep; 5,11 Oct 2016	115-565	0.14	23	6.0	5.8	4.6
Reach G (Mussel Island Turning Basin): Turning basin between Branch Channel (Reach E1) and Main Channel (Reach E).	Pg 5 of 5, Map 79; 15,19,21, 27,28 Sep; 5,11 Oct 2016	Irregular	4.77 acres	23	2.0		

REMARKS:

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

REMARKS (continued):**NEWTOWN CREEK:**

- **Reach A:** Shoaling exists across the entire width of the channel throughout this reach, except for the first 350 feet of the reach where project depth is available across the channel's entire width, and an area in the Middle Half of the channel where project depth is available beginning 90 feet seaward of the end of the reach and extends to the end of the reach, having a maximum width of 20 feet.
- **Reach B:** Shoaling exists across the entire width of the channel throughout this reach, except an area in the Middle Half of the channel where project depth is available at the beginning of the reach and extends landward 310 feet having a maximum width of 35 feet.
- **Reach C:** Shoaling exists across much of the channel throughout this entire 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 1,140 feet becoming as wide as the channel's entire width. There are also sporadic areas in the Right Outside Quarter and the Middle Half of the channel where project depth is available.
- **Reach D:** Shoaling exists across the entire width of the channel throughout this reach, except where project depth is available in sporadic areas in the Middle Half and Right Outside Quarter of the channel.
- **Reach E:** Shoaling exists across the entire width of the channel throughout this reach, except for where project depth is available in the Middle Half of the channel beginning 1,145 feet landward of the beginning of the reach and extends landward 420 feet having a maximum width of 120 feet.
- **Reach E1:** Shoaling exists throughout this entire reach.
- **Reach G:** Shoaling exists throughout this entire reach.

