

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

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**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 78, Pg 1 of 7; 23,24,28,29 Sep; 13,14 Oct 2015	1000-130	0.55	23	5.0	8.2	16.4
<b>Reach B:</b> From Pulaski Bridge landward to a point approximately 1,550 feet landward at beginning of the junction with Dutch Kills.	Map 78, Pg 1 & 2 of 7; 23,24,28,29 Sep; 13,14 Oct 2015	130	0.26	23	16.1	18.7	16.8
<b>Reach C:</b> From the beginning of the junction with Dutch Kills to Greenpoint Avenue Bridge.	Map 78, Pg 2 & 3 of 7; 23,24,28,29 Sep; 13,14 Oct 2015	130	0.44	23	14.3	16.1	14.2
<b>Reach D:</b> From Greenpoint Avenue Bridge to Kosciusko Bridge.	Map 78, Pg 3 & 4 of 7; 23,24,28,29 Sep; 13,14 Oct 2015	130	0.66	23	9.9	14.3	12.9
<b>Reach E (Main Channel adjacent to Turning Basin):</b> From the Kosciusko Bridge, to approximately 150 feet seaward of Maspeth Avenue.	Map 78, Pg 4 & 5 of 7; 23,24,28,29 Sep; 13,14 Oct 2015	130-300	0.50	23	5.5	11.3	10.4
<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 78, Pg 4 & 5 of 7; 23,24,28,29 Sep; 13,14 Oct 2015	115-565	0.14	23	6.3	7.0	8.0
<b>Reach G (Mussel Island Turning Basin):</b> Area between Branch Channel (Reach E1) and Main Channel	Map 78, Pg 5 of 7; 23,24,28,29 Sep; 13,14 Oct 2015	Irregular	4.77 acres	23	2.4		
<b>Reach H (To Entrance to English Kills):</b> From approximately 150 feet seaward of Maspeth Avenue, to the junction with English Kills	Map 78, Pg 5 & 6 of 7; 23,24,28,29 Sep; 13,14 Oct 2015	150-280	0.14	20	3.4	8.4	3.3

<b>Reach I (Partial):</b> Survey coverage exists from the junction with the Main Channel landward 640 feet	Map 78, Pg 6 of 7; 23,24,28,29 Sep; 13,14 Oct 2015	125-150	0.29	20	6.1	7.7	4.8
<b>Reach J (English Kills):</b> From junction with Main Channel to the Metropolitan Avenue Bridge.	Map 78, Pg 6 of 7; 23,24,28,29 Sep; 13,14 Oct 2015	80-240	0.47	20	8.8	8.9	6.1
<b>Reach K (Partial):</b> Survey coverage exists from Metropolitan Avenue Bridge landward approximately 1,890 feet.	Map 78, Pg 6 & 7 of 7; 23,24,28,29 Sep; 13,14 Oct 2015	80-215	0.35	12	5.7	4.9	1.6
<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 380 feet landward.	Map 78, Pg 2 of 7; 23,24,28,29 Sep; 13,14 Oct 2015	40-315	0.50	20	7.2	7.0	7.5

**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 this entire reach, except for the first 310 feet of the reach, and a small area where project depth is available in the Middle Half beginning 90 feet seaward of the end of the reach and extending to the end of the reach with a maximum width of 20 feet.
- **Reach B:** Shoaling exists across the entire width of the channel throughout this entire reach with the following exceptions. An area of available project depth exists in the right side of the Middle Half at the beginning of the reach and extends landward 305 feet with a maximum width of 35 feet.
- **Reach C:** Shoaling exists across the majority of the channel throughout this entire reach with the following exception. An area of available project depth begins in the Middle Half 165 feet landward from the beginning of the reach and spreads to cover the entire channel width and continues landward for 1,090 feet.
- **Reach D:** Shoaling exists across the entire width of the channel throughout this entire reach with the exception of several spots in the Middle Half and Right Outside Quarter where project depth is available.
- **Reach E:** Shoaling exists across the entire width of the channel except for an area of project depth in the Middle Half beginning 1,145 feet landward of the beginning of the reach and extending landward 420 feet with a maximum width of 110 feet.
- **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 except for the last 475 feet of the reach where project depth is available throughout much of the Middle Half of the channel.
- **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 for this reach with the exception of several spots in the Middle Half and Left Outside Quarter where project depth is available.
- **Reach K (Partial):** Shoaling exists at the beginning of the Right Outside Quarter and extends landward 65 feet with a maximum width of 15 feet.  
Shoaling exists at the beginning of the Left Outside Quarter and extends landward 165 feet with a maximum width of 15 feet.  
Shoaling exists in the Left Outside Quarter and part of the Middle Half beginning 225 feet landward of the beginning of the reach and extends landward 315 feet with a maximum width of 90 feet.  
Shoaling exists across the entire width of the channel beginning 575 feet landward of the beginning of the reach and extending landward 855 feet to the end of the partial reach.
- **Reach L (Partial):** Shoaling exists throughout this entire partial reach except for two areas where project depth is available along the junction with Reach C in the Right Outside Quarter and Middle Half. The total area is 210 feet long with a maximum width of 40 feet.