

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

PAGE 1 OF 2 PAGES

DATE 20 MAR 2015

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, N.Y.

**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 (to Pulaski Bridge): From the junction with the East River, to the Pulaski Bridge.	Map 77, Pgs 2 - 4 of 15; 6-10 October 2014	1000-130	0.59	23	4.0	12.2	15.5
Reach B (Dutch Kills): From the Pulaski Bridge, to a point approximately 1,550 feet landward of the beginning of the reach at the junction with Dutch Kills.	Map 77, Pgs 4 - 5 of 15; 6-10 October 2014	130	0.25	23	15.9	18.1	16.1
Reach C (Greenpoint Bridge): From the junction with Dutch Kills, to the Greenpoint Avenue Bridge.	Map 77, Pgs 5 - 7 of 15; 6-10 October 2014	130	0.42	23	15.0	15.6	14.0
Reach D (Kosciusko Bridge): From the Greenpoint Avenue Bridge, to the Kosciusko Bridge.	Map 77, Pgs 7 - 9 of 15; 6-10 October 2014	130	0.65	23	9.8	15.5	12.1
Reach E (Main Channel adjacent to Turning Basin): From the Kosciusko Bridge, to approximately 750 feet seaward of Maspeth Avenue.	Map 77, Pgs 9 - 12 of 15; 6-10 October 2014	130-330	0.39	23	10.2	14.4	10.2
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 77, Pgs 10 - 11 of 15; 6-10 October 2014	300-70	0.09	23	6.5	7.4	6.9
Reach F (Maspeth Ave.): From approximately 750 feet seaward of Maspeth Avenue, to approximately 150 feet seaward of Maspeth Avenue.	Map 77, Pgs 11 - 12 of 15; 6-10 October 2014	320-150	0.11	23	5.3	11.4	14.7
Reach G (Mussel Island Turning Basin): From approximately 1300 feet landward of Kosciusko Bridge, to approximately 750 feet seaward of Maspeth Avenue.	Map 77, Pgs 10 & 11; 6-10 October 2014	Irregular	3.97 acres	23		2.4	

Reach H (To Entrance to English Kills): From approximately 150 feet seaward of Maspeth Avenue, to approximately 480 feet landward of Maspeth Avenue.	Map 77, Pg 12 of 15; 6-10 October 2014	150	0.10	20	1.6	13.6	3.1
Partial Reach I (To Metropolitan Ave): Survey coverage exists from approximately 480 feet landward of Maspeth Avenue, to approximately the Grand St. / Grand Ave. Bridge.	Map 77, Pgs 12 - 13 of 15; 6-10 October 2014	125-150	0.33	20	7.2	8.3	4.7
Reach J (To Metropolitan Ave Bridge): From approximately 480 feet landward of Maspeth Avenue, to the Metropolitan Avenue Bridge.	Map 77, Pgs 12 & 14 - 15; 6-10 October 2014	240-125	0.51	20	7.9	9.2	2.7
Partial Reach L (Dutch Kills): Survey coverage exists from the junction with the main channel at the beginning of Reach C, to a point approximately 360 feet landward towards the turning basin at the end of the reach.	Map 77, Pg 5 of 15; 6-10 October 2014	315-45	0.50	20	7.8	4.7	4.8
Partial Reach M (Maspeth Creek): Survey coverage exists from the east corner of Mussel Island turning basin, to a point approximately 80 feet landward towards the end of the creek at 49 th Street.	Map 77, Pg 11 of 15; 6-10 October 2014	100	0.19	20	6.5	5.8	4.8

REMARKS:

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

NEWTOWN CREEK:

- **Reach A:** Shoaling exists across the entire width of the channel, throughout this entire reach, except for approximately the first 360 feet of the reach.
- **Reach B:** Shoaling exists across the entire width of the channel throughout this entire reach, except for approximately the first 330 feet of the reach where project depth is available in portions of the Middle Half and Right Outside Quarter of the reach.
- **Reach C:** Shoaling exists across the entire width of the channel for much of this reach. Project depth is available across the entire width of the channel for much of approximately the first 1,000 feet of this reach.
- **Reach D:** Shoaling exists across the entire width of the channel for the majority of this reach. Sporadic pockets where project depth is available exist throughout this reach.
- **Reach E:** Shoaling exists across the entire width of the channel for the majority of this reach. Sporadic pockets where project depth is available exist throughout this reach.
- **Reach E1:** Shoaling exists throughout this entire reach.
- **Reach F:** 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 approximately the last 250 feet of the reach where project depth is available throughout much of the Middle Half of the channel.
- **Partial Reach I:** Shoaling exists throughout the majority of this partial reach except for approximately the first 170 feet of the partial reach where project depth is available throughout much of the Middle Half of the channel.
- **Reach J:** Shoaling exists across the entire width of the channel for the majority of this reach. Sporadic pockets where project depth is available exist throughout this reach.
- **Partial Reach L:** Shoaling exists throughout the majority of this partial reach except for approximately the first 35 feet of the partial reach where project depth is available in the Middle Half and Right Outside Quarter of the channel.
- **Partial Reach M:** Shoaling exists throughout this entire partial reach.