

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-306)**

PAGE 1 **OF** 2

DATE July 15, 2009

TO: The Record

FROM:
U.S. Army Corps of Engineers
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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: Begins at the main channel of East River to Pulaski Bridge.	Map 72 Pg 1 of 7; 7-14 April 2009	1300-900	0.54	23	4.9	8.2	13.4
Reach B (Marion Reach): From Pulaski Bridge to approximately 1,550 feet landward to the junction with Dutch Kills.	Map 72 Pg 1, & 2 of 7; 7-14 April 2009	130	0.25	23	16.3	19.0	15.1
Reach C: From the junction of Dutch Kills to Greenpoint Avenue Bridge.	Map 72 Pg 2 & 3 of 7; 7-14 April 2009	130	0.42	23	13.6	15.4	11.9
Reach D: From Greenpoint Avenue Bridge to Kosciusko Bridge.	Map 72 Pg 3 & 4 of 7; 7-14 April 2009	130	0.65	23	9.6	15.0	11.2
Reach E: From the Kosciusko Bridge to approximately 150 feet seaward of Maspeth Avenue.	Map 72 Pg 4 & 5 of 7; 7-14 April 2009	130-300	0.49	23	5.2	11.1	9.5
Reach F: From the east corner of Mussel Island turning basin to approximately 1,130 feet landward to the end of the channel at 49 th Street	Map 72 Pg 5 of 7; 7-14 April 2009	100	0.19	20	+1.0	+0.9	+0.8
Reach G: Mussel Island turning basin. Beginning approximately 700 feet landward of Kosciusko Bridge and ending approximately 920 feet seaward of Maspeth Avenue.	Map 72 Pg 5 of 7; 7-14 April 2009	Irregular	7.54 acres	23	2.4		
Reach H: Begins approximately 150 feet seaward of Maspeth Avenue and ends approximately 430 feet landward of Maspeth Avenue.	Map 72 Pg 5 & 6 of 7; 7-14 April 2009	150	0.14	20	3.6	9.7	3.3
Reach I: From approximately 700 feet landward of Maspeth Avenue to the end of the channel at Metropolitan Avenue.	Map 72 Pg 6 & 7 of 7; 7-14 April 2009	125-150	0.28	20	0.7	0.2	+0.8
Reach J: Begins approximately 690 feet landward of Maspeth Avenue and ends at Metropolitan Avenue.	Map 72 Pg 6 of 7; 7-14 April 2009	125	0.46	20	8.4	9.7	3.7

Reach K: From Metropolitan Avenue landward approximately 2,130 feet to the end of the channel.	Map 72 Pg 6 & 7 of 7; 7-14 April 2009	100	0.35	12	+0.2	0.9	0.1
Partial Reach L: (Dutch Kills) From the junction with the main channel at Reach C to the turning basin North.	Map 72, Pg. 2 & 3 of 7; 7-14 April 2009	100-315	0.07	20	6.9	3.6	3.0

REMARKS:

- All depths in MLW.
- Channel length is 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 300 feet of this reach and a narrow strip at the middle of the channel at Pulaski Bridge.
- **Reach B:** Shoaling exists across the entire width of the channel throughout this entire reach except for a narrow strip in the middle of the channel at the Pulaski Bridge.
- **Reach C:** Shoaling exists across the entire width of the channel and for the majority of the channel in this reach. Project depth is available from the junction with Dutch Kills and ends approximately 900 feet landward. Project depth is also available sporadically in the middle half of the channel.
- **Reach D:** Shoaling exists across the entire width of this channel for the majority of the length of the channel in this reach. Project depth is only available periodically in the middle half of the channel as well as the right outside portion of the channel in this reach.
- **Reach E:** Shoaling exists across the entire width of the channel, throughout the entire length of the channel in this reach. Project depth is available sporadically in the middle half of the channel in this reach.
- **Reach F:** Shoaling exists throughout this entire reach.
- **Reach G:** Shoaling exists throughout this entire reach.
- **Reach H:** Shoaling exists in the majority of this entire reach. Project depth is available for approximately 400 feet in the middle half of this reach.
- **Reach I:** Shoaling exists throughout this entire reach.
- **Reach J:** Shoaling exists throughout the majority of this reach. Project depth is available for approximately 280 feet in the channel in the middle of this reach.
- **Reach K:** Shoaling exists throughout the majority of this reach. Project depth is available for approximately the first 250 feet of this reach.
- **Partial Reach L:** Shoaling exists throughout this entire reach of the channel.