

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

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**DATE** 16 June 2023

**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.	File# 5305/N3/N4 Pg 2 & 3 of 10 15,16,22 & 23 May 2023	130 - 1000	0.55	23	6.2	13.2	12.8
<b>Reach A1 (Triangular Area):</b> Parallel to Reach A and extends for approximately 1420 feet.	File# 5305/N3/N4 Pg 2 of 10 15,16,22 & 23 May 2023	Irregular	Irregular	23	7.9		
<b>Reach B:</b> From Pulaski Bridge to approximately 400 feet seaward of the junction with Whale Creek.	File# 5305/N3/N4 Pg 3 of 10 15,16,22 & 23 May 2023	130	0.26	23	14.4	18.9	14.9
<b>Reach C:</b> From the beginning of the junction with Whale Creek to Greenpoint Avenue Bridge.	File# 5305/N3/N4 Pg 3 & 4 of 10 15,16,22 & 23 May 2023	130	0.44	23	11.0	16.1	10.4
<b>Reach D:</b> From Greenpoint Avenue Bridge to Kosciuszko Bridge.	File# 5305/N3/N4 Pg 4, 5 & 6 of 10 15,16,22 & 23 May 2023	130	0.66	23	10.7	15.6	10.1
<b>Reach E (Main Channel adjacent to Turning Basin):</b> From the Kosciuszko Bridge to the approximate location of Maspeth Avenue.	File# 5305/N3/N4 Pg 6 & 7 of 10 15,16,22 & 23 May 2023	130-300	0.50	23	4.3	12.3	9.3
<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.	File# 5305/N3/N4 Pg 6 of 10 15,16,22 & 23 May 2023	115-565	0.14	23	7.0	6.0	5.0
<b>Reach G (Mussel Island Turning Basin):</b> Area between Branch Channel (Reach E1) and Main Channel	File# 5305/N3/N4 Pg 6 of 10 15,16,22 & 23 May 2023	Irregular	4.77 acres	23	1.0		

<b>Reach H (To Entrance to English Kills):</b> From the approximate location of Maspeth Avenue to the junction with English Kills	File# 5305/N3/N4 Pg 7 of 10 15,16,22 & 23 May 2023	150-280	0.14	20	0.2	13.0	2.3
<b>Reach I (Partial):</b> Survey coverage exists from the junction with the Main Channel to the Grand Street Bridge.	File# 5305/N3/N4 Pg 7 of 10 15,16,22 & 23 May 2023	125-150	0.29	20	6.2	10.4	3.3
<b>Reach J (English Kills):</b> From junction with Main Channel to the Metropolitan Avenue Bridge.	File# 5305/N3/N4 Pg 7 & 8 of 10 15,16,22 & 23 May 2023	80-240	0.47	20	6.6	10.1	1.7
<b>Reach K (Partial):</b> Survey coverage exists from Metropolitan Avenue Bridge landward approximately 1,450 feet.	File# 5305/N3/N4 Pg 8 of 10 15,16,22 & 23 May 2023	80-215	0.35	12	5.4	3.5	3.5
<b>Reach L (Dutch Kills) (Partial):</b> Survey coverage exists from the junction with the main channel at the beginning of Reach C and extends approximately 515 feet landward of the beginning of this reach.	File# 5305/N3/N4 Pg 3 & 4 of 10 15,16,22 & 23 May 2023	40-315	0.50	20	8.6	8.5	7.2

**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 starting approximately 720 feet landward from the beginning of the reach. The controlling depth of -6.2 feet MLLW exists in the Left Outside Quarter approximately 330 feet landward of landward corner of reach A1 Triangle Area.
- **Reach A1 - Triangular Area:** Shoaling exists on the eastern half of this channel. The controlling depth of -7.9 feet MLLW exists near the most landward corner of the reach.
- **Reach B:** Shoaling exists across the entire width of the channel throughout the majority of this reach. The controlling depth of -14.4 feet MLLW exists in the Left Outside Quarter approximately 535 feet seaward of the end of this reach
- **Reach C:** Shoaling exists across the entire width of the channel throughout the majority of this reach. The controlling depth of -10.4 feet MLLW exists in the Right Outside Quarter approximately 115 feet seaward of the end of this reach.
- **Reach D:** Shoaling exists across the entire width of the channel throughout the majority of this reach. The controlling depth of -10.1 feet MLLW exists in the Right Outside Quarter approximately 530 feet landward of the beginning of this reach.
- **Reach E:** Shoaling exists across the entire width of the channel throughout the majority of this reach. The controlling depth of -4.3 feet MLLW exists in the Left Outside Quarter approximately 260 feet landward of the end of Reach G.
- **Reach E1:** Shoaling exists throughout this entire reach. The controlling depth of -5.0 feet MLLW exists in the Right Outside Quarter near the most landward corner of this reach.
- **Reach G:** Shoaling exists throughout this entire reach. The controlling depth of -1.0 exists approximately 590 feet MLLW southwest from the most seaward corner of this reach.
- **Reach H:** Shoaling exists throughout the majority of this reach. The controlling depth of -0.2 feet MLLW exists in the Left Outside Quarter approximately 465 feet seaward of the end of this reach.
- **Reach I (Partial):** Shoaling exists across the entire width of the channel throughout the majority of this reach where there was survey coverage. The controlling depth of -3.3 feet MLLW exists in the Right Outside Quarter approximately 435 feet landward of the beginning of this each.
- **Reach J:** Shoaling exists across the entire width of the channel throughout the majority of this reach. The controlling depth of -1.7 feet MLLW exists in the Right Outside Quarter approximately 185 feet landward of the first bend of this reach.
- **Reach K (Partial):** Shoaling exists throughout the majority of this reach where there was survey coverage. The controlling depth of -3.5 feet MLLW exists in the Right Outside Quarter and Middle Half in the last bend of the second bend of this reach.
- **Reach L (Partial):** Shoaling exists across the entire width of the channel throughout the majority of this reach where there was survey coverage. The controlling depth of -7.2 feet MLLW exists in the Right Outside Quarter approximately 40 feet landward of the end of this reach.