

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

DATE 16 May 2024

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:
East Chester 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: From approximately 6,130 feet seaward of RED NUN 6 EBB to approximately 965 feet landward of GREEN CAN #11 FLOOD.	File No. 5438/N2/N3 Shts. 2, 5-7 of 12 29 & 30 April and 1,2,6 & 7 May 2024	60-200	1.6	8	2.9	4.2	4.3
Reach B: From approximately 965 feet landward of GREEN CAN #11 FLOOD to approximately 650 feet seaward of RED NUN #4 SLACK.	File No. 5438/N2/N3 Shts. 7 & 8 of 12 29 & 30 April and 1,2,6 & 7 May 2024	60-200	0.5	8	4.1	9.0	5.7
Reach C: From approximately 650 feet seaward of RED NUN #4 SLACK to approximately 570 feet landward of Interstate-95.	File No. 5438/N2/N3 Shts. 8 -11 of 12 29 & 30 April and 1,2,6 & 7 May 2024	70-225	1.3	8	+1.6	3.5	+1.3

REPORT OF CHANNEL CONDITIONS <100 FEET WIDE

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			80% OF CHANNEL WIDTH (feet)		
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
Partial Reach D: Survey extends from approximately 570 feet landward of Interstate-95 to approximately 560 feet landward of Fulton Ave/Pelham Parkway, along the Eastern leg of channel split, the Western leg is shoaled in.	File No. 5438/N2/N3 Shts. 11 & 12 of 12 29 & 30 April and 1,2,6 & 7 May 2024	70-115	0.4	8	+1.0	1.8	2.7

REMARKS:

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

EAST CHESTER CREEK:

- **Reach A:**
 - The major shoaling exists across the width of the channel until approximately 220 seaward of GREEN CAN #7 W/LIGHT EBB and intermittently along the toe of both the Left and Right Outside Quarters until the landward end of the reach.
 - The controlling depth of -2.9 MLLW feet exists in the Right Outside Quarter from approximately 1,960 feet seaward of RED NUN #6 EBB.
- **Reach B:**
 - Shoaling exists intermittently along the channel in the Left and Right Outside Quarters of this reach.
 - The controlling depth of -4.1 feet MLLW exists in the Left Outside Quarter approximately 300 feet landward of GREEN CAN #3 FLOOD.
- **Reach C:**
 - Shoaling exists in the Left and Right Outside Quarters extending into the Middle Half of this reach in numerous places along the reach.
 - The controlling depth of +1.6 feet MLLW exists in the Left Outside Quarter approximately 75 feet seaward of Interstate-95.
- **Partial Reach D:**
 - The shoaling exists across the width of the channel for the majority of this reach.
 - The controlling depth of +1.0 feet MLLW exists in the Middle 80% approximately 225 feet seaward of Fulton Ave/Pelham Parkway.