

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

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 6,070 feet seaward of RED NUN 6 FLOOD to approximately 945 feet landward of GREEN CAN #11 FLOOD.	File No. 5200/N4/AL; Shts. 2, 5, 6-7 of 12; 21, 25-28 July, 1 August 2022	60-200	1.6	8	4.5	4.3	4.2
Reach B: From approximately 945 feet landward of GREEN CAN #11 FLOOD to approximately 665 feet seaward of RED NUN 4 FLOOD.	File No. 5200/N4/AL; Shts. 7 & 8 of 12; 10, 15, 16, 21, 25-28 July, 1 August 2022	60-200	0.5	8	3.9	8.9	6.5
Reach C: From approximately 665 feet seaward of RED NUN 4 FLOOD to approximately 570 feet landward of Interstate-95.	File No. 5200/N4/AL; Shts. 8-11 of 12; 21, 25-28 July, 1 August 2022	70-225	1.3	8	+0.4	2.1	+0.3

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)	
Reach D: From approximately 570 feet landward of Interstate-95 to approximately 560 landward of Fulton Ave/Pelham Parkway, at the approximate location of channel split.	File No. 5076 AL/N1/N2/N3; Shts 11 & 12 of 12; 21, 25-28 July, 1 August 2022	70-115	0.4	8	+0.7

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 majority of shoaling exists across the width of the channel until GREEN CAN #7 FLOOD.
 - The controlling depth of -4.2 MLLW feet exists in the Right Outside Quarter from approximately 1595 feet to 2100 feet seaward of GREEN CAN #7 FLOOD.
- **Reach B:**
 - Shoaling exists intermittently along the channel toe in the Left and Right Outside Quarters of this reach.
 - The controlling depth of -3.9 feet MLLW exists in the Left Outside Quarter approximately 475 feet seaward of Hutchinson River Parkway.
- **Reach C:**
 - Shoaling exists in the Left and Right Outside Quarters extending into the Middle Half of this reach.
 - The controlling depth of +0.3 feet MLLW exists in the Left Outside Quarter approximately 110 feet seaward of Interstate-95.
- **Partial Reach D:**
 - The majority of shoaling exists at the end of this reach across the width of the channel.
 - Shoaling exists along the channel's toe extending into the Middle 80% of this reach.
 - The controlling depth of +0.7 feet MLLW exists in the Middle 80% approximately 100 feet seaward of Fulton Ave/Pelham Parkway.