

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE						PAGE 1 OF 1 PAGE	
						DATE 16 January 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 6,125 feet seaward of RED NUN 6 EBB to approximately 980 feet landward of GREEN CAN #11 EBB.	File No. 5337/N3/N4 Shts. 2, 5-7 of 12 29 Aug, 28 Sep, 24-26, 31 Oct & 1,21 Dec 2023	60-200	1.6	8	4.4	4.3	4.2
Reach B: From approximately 980 feet landward of GREEN CAN #11 EBB to approximately 710 feet seaward of RED NUN 4 FLOOD.	File No. 5337/N3/N4 Shts. 7 & 8 of 12 29 Aug, 28 Sep, 24-26, 31 Oct & 1,21 Dec 2023	60-200	0.5	8	4.2	9.5	6.4
Reach C: From approximately 710 feet seaward of RED NUN 4 FLOOD to approximately 570 feet landward of Interstate-95.	File No. 5337/N3/N4 Shts. 8 -11 of 12 29 Aug, 28 Sep, 24-26, 31 Oct & 1,21 Dec 2023	70-225	1.3	8	+1.4	1.8	+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)			
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. 5337/N3/N4 Shts. 11 & 12 of 12 29 Aug, 28 Sep, 24-26, 31 Oct & 1,21 Dec 2023	70-115	0.4	8	+1.3	1.0	1.8

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 240 seaward of GREEN CAN #7 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 -4.2 MLLW feet exists in the Right Outside Quarter from approximately 2020 feet seaward of GREEN CAN #7 EBB.
- Reach B:**
 - Shoaling exists intermittently along the channel toe in the Left and Right Outside Quarters of this reach.
 - The controlling depth of -4.2 feet MLLW exists in the Left Outside Quarter approximately 535 feet seaward from the landward end of the reach.
- Reach C:**
 - Shoaling exists in the Left and Right Outside Quarters extending into the Middle Half of this reach.
 - The controlling depth of +1.4 feet MLLW exists in the Left Outside Quarter approximately 160 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 +1.3 feet MLLW exists in the Middle 80% approximately 105 feet seaward of Fulton Ave/Pelham Parkway.

