

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

DATE 20 August 2025

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 7,500 feet seaward of GREEN #7 W/LIGHT FLOOD to approximately 965 feet landward of CAN #11 FLOOD.	File No. 5582 Shts. 2, 5-7 of 12; 16 – 24 June 2025	60-200	1.6	8	4.6	4.5	4.3
Reach B: From approximately 965 feet landward of CAN #11 FLOOD to approximately 740 feet seaward of NUN #4 FLOOD.	File No. 5582 Shts. 7 & 8 of 12; 16 – 24 June 2025	60-200	0.5	8	4.6	9.6	6.9
Reach C: From approximately 740 feet seaward of NUN #4 FLOOD to approximately 710 feet landward of Interstate-95.	File No. 5582 Shts. 8-11 of 12; 16 – 24 June 2025	74-225	1.2	8	+3.3	2.8	+1.1

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 coverage exists from approximately 710 feet landward of Interstate-95 to the approximate location of Fulton Ave/Pelham Parkway.	File No. 5582 Shts. 11 & 12 of 12; 16 – 24 June 2025	70-115	0.6	8	+2.6	+0.7	2.7

REMARKS:

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

EAST CHESTER CREEK:

- **Reach A:**
 - Shoaling exists across the entire width of the authorized channel for much of approximately the first 1.2 nautical miles of this reach. Authorized depth becomes available for a portion of the remainder of the reach, although sporadic shoaling still exists.
 - The controlling depth of -4.3 MLLW feet exists in the Right Outside Quarter approximately 1,785 feet seaward of GREEN #7 W/LIGHT FLOOD.
- **Reach B:**
 - Shoaling exists intermittently in the Left and Right Outside Quarters of this reach.
 - The controlling depth of -4.6 feet MLLW exists in the Left Outside Quarter approximately 1,255 feet seaward of NUN #4 FLOOD.
- **Reach C:**
 - Shoaling exists in the Left and Right Outside Quarters, and extends into the Middle Half of the channel in various locations throughout this reach.
 - The controlling depth of +3.3 feet MLLW exists in the Left Outside Quarter, along the channel's toe, approximately 125 feet seaward of Interstate-95.
- **Partial Reach D:**
 - Shoaling exists in the Left Outside 10%, Middle 80%, and Right Outside 10% in various locations throughout this partial reach. Shoaling exists across the entire width of the channel for approximately the last 1,140 feet of this partial reach.
 - The controlling depth of +2.6 feet MLLW exists in the Left Outside 10%, along the toe of the channel, approximately 150 feet seaward of Fulton Ave/Pelham Parkway.