

**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 7,630 feet seaward of GREEN #7 W/LT EBB to approximately 945 feet landward of GREEN CAN #11 FLOOD.	File No. 5076 AL/N1/N2/N3; Shts. 3-6 & 15-18 of 18; 10, 15, 16, 21, 23-24 June, 7, 12, 16, 21, 22, 26, 27, 29 July, 5 August 2021	60-200	1.6	8	4.4	4.4	4.3
Reach B: From approximately 945 feet landward of GREEN CAN #11 FLOOD to approximately 950 feet landward of GREEN CAN #3 EBB.	File No. 5076 AL/N1/N2/N3; Shts. 6-8 of 18; 10, 15, 16, 21, 23-24 June, 7, 12, 16, 21, 22, 26, 27, 29 July, 5 August 2021	60-200	0.5	8	3.7	9.5	6.2
Reach C: From approximately 950 feet landward of GREEN CAN #3 EBB to approximately 3,255 feet landward of GREEN CAN #7 FLOOD.	File No. 5076 AL/N1/N2/N3; Shts. 8-12 of 18; 10, 15, 16, 21, 23-24 June, 7, 12, 16, 21, 22, 26, 27, 29 July, 5 August 2021	70-225	1.3	8	+0.3	2.4	+0.2

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 3,255 feet landward of GREEN CAN #7 FLOOD to approximately 3,600 feet landward, at the approximate location of channel split.	File No. 5076 AL/N1/N2/N3; Shts 12-14 of 18; 10, 15, 16, 21, 23-24 June, 7, 12, 16, 21, 22, 26, 27, 29 July, 5 August 2021	70-115	0.4	8	0.9

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 at the beginning of the reach across the width of the channel.
 - The controlling depth of -4.3 MLLW feet exists in the Right Outside Quarter approximately 1,390 feet seaward of GREEN #7 W/LT EBB.
- **Reach B:**
 - Shoaling exists intermittently along the channel toe in the Left and Right Outside Quarters of this reach.
 - The controlling depth of -3.7 feet MLLW exists in the Left Outside Quarter approximately 350 feet landward of GREEN CAN #3 EBB.
- **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 1,610 feet landward of GREEN CAN #7 FLOOD.
- **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 +0.9 feet MLLW exists in the Middle 80% approximately 595 feet seaward of the end of this reach.