

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

DATE 16 July 2020

**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)			
<b>Reach A:</b> From approximately 7,625 feet seaward of GREEN #7 W/LT EBB to approximately 930 feet landward of GREEN CAN #11 FLOOD.	File No. 4860/N2; Shts. 3-6 & 15-18 of 18; 8-11, 15-18 June 2020	60-200	1.6	8	4.1	4.0	4.0
<b>Reach B:</b> From approximately 940 feet landward of GREEN CAN #11 FLOOD to approximately 910 feet landward of GREEN CAN #3 FLOOD.	File No. 4860/N2; Shts. 6-8 of 18; 8-11, 15-18 June 2020	60-200	0.5	8	3.2	8.8	6.3
<b>Reach C:</b> From approximately 910 feet landward of GREEN CAN #3 FLOOD and extends for approximately 7100 feet.	File No. 4860/N2; Shts. 8-12 of 18; 8-11, 15-18 June 2020	70-225	1.3	8	+0.7	2.2	+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)	
<b>Reach D:</b> From the end of Reach C and extends for approximately 3600 feet.	File No. 4860/N2; Shts 12-14 of 18; 8-11, 15-18 June 2020	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 -4.0 MLLW feet exists in the Middle Half and Right Outside Quarter approximately 1,590 feet landward from the second bend of this reach.
- **Reach B:**
  - Shoaling exists intermittently along the channel toe in the Left and Right Outside Quarters of this reach.
  - The controlling depth of -3.2 feet MLLW exists in the Left Outside Quarter approximately 360 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 +1.3 feet MLLW exists in the Right Outside Quarter approximately 475 feet seaward of the end of this reach.
- **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 1,100 feet seaward of the end of this reach.