

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

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**DATE** 22 July 2021

**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:**  
Westchester 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 40 feet seaward of RED NUN #2 EBB to the approximate location of GREEN CAN #5 EBB, at first hard bend.	File #5072/N1 Shts 1 & 2 of 8; 2,7-8 June 2021	100	0.35	12	1.1	1.5	3.0
<b>Reach B:</b> From the approximate location of GREEN CAN #5 EBB, at first hard bend to approximately 1,250 feet landward of GREEN CAN #13 EBB.	File #5072/N1 Shts 2 - 4 of 8; 2,7-8 June 2021	80	0.52	12	80 % of Channel Width (feet) 0.3		
<b>Reach C:</b> From approximately 1,250 feet landward of GREEN CAN #13 EBB to approximately 430 feet landward of the Unionport Bridge.	File #5072/N1 Shts 4 - 6 of 8; 2,7-8 June 2021	60	0.67	12	80 % of Channel Width (feet) 4.6		
<b>Reach D:</b> (Turning Basin) From approximately 430 feet landward of the Unionport Bridge to approximately 565 feet landward of the beginning of this reach.	File #5072/N1 Shts 6 - 7 of 8; 2,7-8 June 2021	60 - 125	0.09	12	80 % of Channel Width (feet) 2.8		
<b>Reach E:</b> From the end of Reach D to approximately the upstream limit of the Federal Project, approximately 3,400 feet landward of the beginning of this reach.	File #5072/N1 Shts 7 - 8 of 8; 2,7-8 June 2021	60 - 90	0.57	12	80 % of Channel Width (feet) 3.0		

**REMARKS:**

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

**WESTCHESTER CREEK**

- **Reach A:** Shoaling exists along the entire length of the reach and throughout the entire width of the channel. The controlling depth of -1.1 feet MLLW exists in the Left Outside Quarter at approximately 50 feet seaward of the end of this reach.
- **Reach B:** Shoaling exists along the entire length of the reach and throughout the entire width of the channel. The controlling depth of -0.3 feet MLLW exists in the Middle 80% at approximately 205 feet landward of GREEN CAN #13 EBB.
- **Reach C:** Shoaling exists along the entire length of the reach and throughout the entire width of the channel. The controlling depth of -4.6 feet MLLW exists in the Middle 80% at approximately 1,330 and 2,050 feet landward of the beginning of this reach
- **Reach D (Turning Basin):** Shoaling exists along the entire length of the reach and throughout the entire width of the channel. The controlling depth of -2.8 feet exists in the Middle 80% at approximately 135 feet landward of the beginning of this reach.
- **Reach E:** Shoaling exists along most of the length of the reach. The controlling depth of -3.0 feet exists in the Middle 80% at approximately 220 feet seaward of the end of this reach.