

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

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DATE 03 September 2019

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)			
Reach A: From approximately 10 feet seaward from RED NUN #2 FLOOD to the approximate location of GREEN CAN #5, at first hard bend.	File #68 Pg 1 & 2 of 8; 25, 29, 30, April, 1, 2 May 2019	100	0.35	12	2.4	1.2	1.0
Reach B: Begins at the approximate location of GREEN CAN #5, at first hard bend to approximately 410 feet landward of GREEN CAN #13.	File #68 Shts 2 - 4 of 8; 25, 29, 30, April, 1, 2 May 2019	80	0.52	12	80 % of Channel Width (feet) 0.5		
Reach C: From approximately 410 feet landward of GREEN CAN #13 to approximately 410 feet seaward of GREEN CAN #5.	File #68 Shts 4 - 6 of 8; 25, 29, 30, April, 1, 2 May 2019	60	0.67	12	80 % of Channel Width (feet) 4.1		
Reach D: (Turning Basin) From approximately 430 feet seaward of GREEN CAN #15A to approximately 155 feet landward of GREEN CAN #5.	File #68 Shts 6 - 7 of 8; 25, 29, 30, April, 1, 2 May 2019	60 - 125	0.09	12	1.8	2.4	4.0
Reach E: From approximately 155 feet landward of GREEN CAN #5 to the upstream limit of the Federal Project, approximately 3,540 feet landward of GREEN CAN #5.	File #68 Shts 7 - 8 of 8; 25, 29, 30, April, 1, 2 May 2019	60 - 90	0.57	12	80 % of Channel Width (feet) 3.4		

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 -1.0 feet MLLW exists in the Right Outside Quarter at approximately 25 feet seaward of the GREEN CAN #5 FLOOD.
- **Reach B:** Shoaling exists along the entire length of the reach and throughout the entire width of the channel. The controlling depth of -0.5 feet MLLW exists in the Middle 80% at approximately 1,035 feet seaward of the end of this reach.
- **Reach C:** Shoaling exists along the entire length of the reach and throughout the entire width of the channel. The controlling depth of -4.1 feet MLLW exists in the Middle 80% at approximately 1,020 feet landward of the first right.
- **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 -1.8 feet exists in the Left Outside Quarter approximately 145 feet of the beginning of this reach.
- **Reach E:** Shoaling exists along most of the length of +the reach. The controlling depth of -3.4 feet exists in the Middle 80% at approximately 210 feet seaward of the end of the federal channel.