

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

PAGE 1 **OF** 1

DATE 05 June 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:
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 EBB to the approximate location of GREEN CAN #5 EBB, at first hard bend.	File #4952/N1/N3 Pg 1 & 2 of 8; 18 - 21 May 2020	100	0.35	12	1.1	1.5	2.5
Reach B: Begins at the approximate location of GREEN CAN #5 EBB, at first hard bend to approximately 1,200 feet landward of GREEN CAN #13 EBB.	File #4952/N1/N3 Shts 2 - 4 of 8; 18 - 21 May 2020	80	0.52	12	80 % of Channel Width (feet) 1.2		
Reach C: From approximately 1,200 feet landward of GREEN CAN #13 EBB and extends approximately 3,275 feet landward of the beginning of this reach.	File #4952/N1/N3 Shts 4 - 6 of 8; 18 - 21 May 2020	60	0.67	12	80 % of Channel Width (feet) 4.5		
Reach D: (Turning Basin) From the end of Reach C to approximately 560 feet landward of the beginning of this reach.	File #4952/N1/N3 Shts 6 - 7 of 8; 18 - 21 May 2020	60 - 125	0.09	12	80 % of Channel Width (feet) 1.0		
Reach E: 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 #4952/N1/N3 Shts 7 - 8 of 8; 18 - 21 May 2020	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 60 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 -1.2 feet MLLW exists in the Middle 80% at approximately 20 feet landward of the beginning 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 -4.5 feet MLLW exists in the Middle 80% at approximately 1,185 feet seaward of the end 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 -1.0 feet exists in the Middle 80% at approximately 175 feet seaward of the end 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 430 feet landward of the beginning of this reach.