

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER
(ER 1130-2-306)**

PAGE 1 **OF** 1

DATE 23 October 2012

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)			
<u>Reach A:</u> Begins at approximately 40 feet seaward of RED NUN #2. Ends at approximately 20 feet landward of RED NUN #6, at first hard bend.	Map 63 Pg 1 & 2 of 8; Jul-Aug 2012	100	0.35	12	1.1	4.2	3.6
<u>Reach B:</u> Begins at approximately 20 feet landward RED NUN #6, at first hard bend. Ends at approximately 500 feet landward of GREEN CAN #13.	Map 63 Pg 2, 3 & 4 of 8; Jul-Aug 2012	80	0.52	12	80% of Channel Width (feet) 2.0		
<u>Reach C:</u> Begins at approximately 500 feet landward of GREEN CAN #13. Ends at approximately 200 feet landward of the northern edge of Cross Bronx Expwy. Bridge.	Map 63 Pg 4, 5 & 6 of 8; Jul-Aug 2012	60	0.67	12	80% of Channel Width (feet) 4.7*		
<u>Reach D:</u> Turning Basin; Begins at approximately 200 feet landward of the northern edge of Cross Bronx Expwy. Bridge. Ends at approximately 750 feet landward of the same.	Map 63 Pg 6 & 7 of 8; Jul-Aug 2012	125	0.09	12	6.3	7.7	8.0
<u>Reach E:</u> Begins at where the Turning Basin ends, approximately 750 feet landward of the northern edge of Cross Bronx Expwy. Bridge. Ends at the upstream limit of the Federal Project, approximately 4,000 feet landward of the northern edge of Cross Bronx Expwy. Bridge.	Map 63 Pg 7 & 8 of 8; Jul-Aug 2012	60-90	0.57	12	80% of Channel Width (feet) 5.4		

REMARKS:

- All depths in Mean Low Water.
- Channel length is in nautical miles.
- * No survey coverage exists under Cross Bronx Expressway Bridge.

WESTCHESTER CREEK

- **Reach A:** Shoaling exists along the entire length of this Reach and throughout the entire width of the channel.
- **Reach B:** Shoaling exists along the entire length of the Reach and throughout the entire width of the channel.
- **Reach C:** Shoaling exists along the majority of the entire length of this Reach and the entire width of the channel. Project depth is available only for a 230 feet length at the landward end of the reach along a path of 10 feet to 22 feet wide that continues into Reach D.
- **Reach D (Turning Basin):** Shoaling extends across entire width and entire length of the turning basin.
- **Reach E:** Shoaling is present throughout almost the entire left outside edge and the entire right outside edge of the channel. Shoaling exists along the entire length and throughout the entire width of the first 200 feet and the last 400 feet of Reach E. Project depth is available along a path of 5 feet to 55 feet wide from a point approximately 200 feet landward of the Turning Basin and ends at approximately 400 feet seaward of the end of the channel.