

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

**PAGE** 1 **OF** 1  
**DATE** September 10, 2010

**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 (niles) | DEPTH (feet) |                                       |                    |                              |
| <u>Reach A:</u> Begins at Red Nun #2; Ends approximately 40 feet landward of Red Nun #6 at first hard bend.  | Map 61<br>Pg 1 & 2<br>of 8;<br>2 – 12<br>August<br>2010    | 100                | 0.34           | 12           | 1.6                                   | 3.6                | 3.8                          |
| <u>Reach B:</u> Begins approximately 40 feet seaward of Red Nun #6 at first hard bend; Ends at approximately 470 feet landward of Green Can #13.   | Map 61<br>Pg 2, 3 & 4<br>of 8;<br>2 – 12<br>August<br>2010 | 80                 | 0.52           | 12           | 80% of Channel Width<br>(feet)<br>1.0 |                    |                              |
| <u>Reach C:</u> Begins at approximately 470 feet landward of Green Can #13. Ends at approximately 300 feet landward of the northern edge of Cross Bronx Expwy. Bridge.   | Map 61<br>Pg 4, 5 & 6<br>of 8;<br>August<br>2010           | 60                 | 0.67           | 12           | 80% of Channel Width<br>(feet)<br>4.9 |                    |                              |
| <u>Reach D:</u> Turning Basin; Begins at 300 ft landward of the northern edge of Cross Bronx Expwy. Bridge. Ends approximately 580 feet landward of the same.  | Map 61<br>Pg 6 & 7<br>of 8;<br>2 – 12<br>August<br>2010    | 125                | 0.05           | 12           | 6.5                                   | 9.0                | 8.8                          |
| <u>Reach E:</u> Begins at where the Turning Basin ends approximately 580 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 61<br>Pg 7 & 8<br>of 8;<br>2 – 12<br>August<br>2010    | 60                 | 0.56           | 12           | 80% of Channel Width<br>(feet)<br>4.1 |                    |                              |

**REMARKS:**

- All depths in Mean Low Water.
- Channel length is in nautical miles.

**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 250 feet length at the landward end of the reach along a path of 20 feet to 50 feet wide that continues into Reach D.
- **Reach D (Turning Basin):** Shoaling extends across entire width and entire length of the turning basin. Project depth is available along a path of 14 feet to 40 feet wide occupying part of the right outside quarter and part of middle half and continues into Reach E.
- **Reach E:** Shoaling is present throughout almost the entire left and right outside edges of the channel. Shoaling exists along the entire length and throughout the entire width of the last 450 feet of the channel. Project depth is available along a path of 10 feet to 35 feet wide within the majority of the middle half of the channel that continues from Reach D and ends at approximately 450 feet seaward of the end of the channel.

