

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

PAGE 1 **OF** 1

DATE 31 January 2018

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:
Bronx River, 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 landward of RED NUN #2 to approximately 1,700 feet landward of GREEN CAN #7.	Map 55; Sheets 2-5 of 9; 17 Nov, 1 & 4-7 Dec 2017	100	0.86	10	5.8	6.0	3.4
REACH B: From approximately 1,700 feet landward of GREEN CAN #7 to the Bruckner Blvd. Bridge.	Map 55; Sheets 5-8 of 9; 17 Nov, 1 & 4-7 Dec 2017	100	0.79	10	+0.6	1.1	+0.5
REACH C (partial): Partial survey coverage exists from the Bruckner Blvd Bridge to a point approximately 1000 feet landward, ending at a pollution containment boom.	Map 55; Sheets 8-9 of 9; 17 Nov, 1 & 4-7 Dec 2017	100	0.33	10	0.7	2.6	1.0

REMARKS:

- All depths are relative to the Mean Lower Low Water datum.
- The channel reach lengths are in nautical miles.

BRONX RIVER, NEW YORK

- **REACH A:** Project depth is available from the beginning of the reach and continues approximately 230 feet landward. Thence, shoaling exists across the entire channel width for the remainder of the reach, with the exception of some isolated areas where project depth are available. Project depth is available, intermittently, in the Middle Half (MH) and partially in the Left Outside Quarter (LOQ) beginning at approximately 210 feet seaward of GREEN CAN #5 EBB and continuing approximately 1,820 feet landward. The controlling depth of -3.4 feet MLLW exist in the Right Outside Quarter (ROQ) located at approximately 1,450 feet landward of GREEN CAN #7 EBB.
- **REACH B:** Shoaling exists across the channel width for the entire reach, with the exception of some isolated areas where project depth is available. Project depth is available, intermittently, in the MH and ROQ beginning at approximately 2,330 feet landward of GREEN CAN #7 EBB and continuing approximately 1,600 feet landward. Project depth is also available in the MH and ROQ, beginning at approximately 2,000 feet seaward from Bruckner Blvd Bridge and continuing approximately 960 feet landward. The controlling depth of +0.6 feet MLLW exist in the LOQ located at approximately 830 feet seaward of Bruckner Blvd Bridge.
- **REACH C (partial):** Shoaling exists throughout this reach (partial). The controlling depth of -0.7 feet MLLW exist in the LOQ located at approximately 670 feet landward of Bruckner Blvd Bridge.