

**REPORT OF CHANNEL CONDITIONS
(FOR CHANNELS 400 FEET WIDE OR GREATER)**

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DATE: 21 May 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: Jamaica Bay Federal Navigation Channel
(Rockaway Inlet, NY)

**MINIMUM DEPTHS IN EACH ¼ WIDTH OF
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MID-CHANNEL		RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	
Jamaica Bay Reach A: Begins approximately 1,300 feet seaward of GREEN CAN #5 and ends approximately 1,180 feet landward of RED NUN #10.	File 138; Sheets 1&2 of 4; 26,27,28, February; 1, 12, 19 March, 2018	1,000	1.50	20	9.9	12.8	16.6	16.3
Jamaica Bay Reach B: Begins approximately 1,180 feet landward of RED NUN #10 and ends approximately 5,635 feet landward of RED #20 W/LIGHT.	File 137; Sheet 2 to 4 of 4; 26,27,28, February; 1, 12, 19 March, 2018	Varies: 1,000 To 500	0.71	18	21.8	22.2	23.3	18.4

REMARKS:

- All depths are relative to Mean Lower Low Water (MLLW).
- Channel reach lengths are in nautical miles.

Jamaica Bay:

○ **Reach A:**

- Shoaling exists across the entire width of the channel beginning approximately 835 feet seaward of GREEN CAN #5 and continues across the width of the channel for approximately 180 feet landward. Thence, shoaling gradually tapers into the Left Outside Quarter. The shoal ends approximately 2,085 feet landward of GREEN CAN #5.
- An edge shoal exists in the Left Outside Quarter, beginning approximately 790 feet seaward of GREEN CAN #7 W/ LIGHT and extends to approximately 535 feet landward of the same buoy, with a maximum width of approximately 245 feet at the first bend of the channel.
- Shoaling along the channel's toe exists in the Right Outside Quarter, beginning approximately 1,410 feet landward of GREEN CAN #5 and ending approximately 1,440 feet seaward of RED BELL #8 W/LIGHT, with a maximum width of approximately 115 feet.
- The controlling depth of 9.9 feet below MLLW, within the Left Outside Quarter, is located approximately 1,160 feet landward of GREEN CAN #5, along the boundary of the channel.

○ **Reach B:**

- No shoaling within Reach B