

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

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**DATE** 28 March 2024

**TO:** The Record

**FROM:** U.S. Army Corps of Engineers  
26 Federal Plaza, ATTN: CENAN-OP-ST  
New York, NY 10278-0090

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)	LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		<b>Reach A:</b> Bay Ridge Channel – The Left Outside Quarter starts 10,710 feet seaward of GREEN #7 W/LIGHT FLOOD and Right Outside starts 12,100 feet from the same. Ending 4,535 feet seaward on the Left Outside Quarter from GREEN #7 W/LIGHT FLOOD and the Right Outside ends 5,750 feet seaward of the same.	Request No. 5414/D/N3; Pg 2 & 3 of 6; 28 & 29 February and 4,6,19 & 25 March 2024	1,200	1.02	40	40.5	41.4
<b>Reach B:</b> Bay Ridge Channel – At the first bend in the channel and the landward end of Reach A to the approximate location of GREEN #9 W/LIGHT EBB.	Request No. 5414/D/N3; Pg 3 – 5 of 6; 28 & 29 February and 4,6,19 & 25 March 2024	1,800 – 1,950	1.50	40	17.8	24.0	29.3	23.7
<b>Reach C:</b> Bay Ridge Channel – Gowanus Creek, From the landward end of Reach B at the approximate location of GREEN #9 W/LIGHT EBB to a point approximately 3,020 feet landward of the same, in Gowanus Creek.	Request No. 5414/D/N3; Pg 5 of 6; 28 & 29 February and 4,6,19 & 25 March 2024	500 - 1,750	0.52	40	24.5	30.7	32.8	30.6
<b>Reach D:</b> Red Hook Channel - From approximately GREEN #9 LIGHT W/BELL FLOOD, to a point approximately 2,090 feet landward of GREEN #11 W/ LIGHT EBB.	Request No. 5414/D/N3; Pg 5 & 6 T of 6; 28 & 29 February and 4,6,19 & 25 March 2024	1,200 – 2,100	0.89	40	20.4	28.6	38.5	29.0

**REMARKS:**

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

**BAY RIDGE AND RED HOOK CHANNELS:**

- **Reach A:** Majority of shoaling exists along the channel’s toe in the Right Outside Quarter of this reach, extending into Reach B. The controlling depth of -36.5 feet MLLW exists in the Right Outside Quarter at approximately 1,120 feet seaward of the American Veteran’s Memorial Pier.
- **Reach B:** Shoaling from Reach A continues into the Right Outside Quarter of this reach, extends across the entire width of the channel, and continues into Reach C. The controlling depth of -17.8 feet MLLW exists in the Left Outside Quarter at the toe approximately 1,310 feet seaward of GREEN #9 W/LIGHT EBB.
- **Reach C:** Shoaling exists throughout the majority of this reach. The controlling depth of -24.5 feet MLLW exists in the Left Outside Quarter at the approximate location of GREEN #9 W/LIGHT EBB.
- **Reach D:** Shoaling exists throughout the Left Outside and Inside Quarters in this reach. Edge shoaling exists in the Right Outside Quarter. Shoaling exists in the Left Outside Quarter and the Left Inside Quarter approximately 450 feet landward of GREEN #11 W/LIGHT EBB. The controlling depth of -20.8 feet MLLW exists in the Left Outside Quarter at approximately 265 landward of GREEN #9 W/LIGHT EBB.