

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER)						PAGE 1 OF 1		
						DATE 02 June 2025		
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: Bay Ridge and Red Hook Channels, New York					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
Reach A: Bay Ridge Channel – From approximately 220 feet landward of RED #2 W/LIGHT FLOOD, to approximately 310 feet seaward of GREEN #5 W/LIGHT & BELL EBB.	File No. 5570/D; Pgs. 2 & 3 of 6; 21, 22, & 24 April 2025	1,200	1.02	40	40.4	41.5	40.7	36.5
Reach B: Bay Ridge Channel – From approximately 310 feet seaward of GREEN #5 W/LIGHT & BELL EBB, to the approximate location of GREEN #9 W/LIGHT FLOOD.	File No. 5570/D; Pgs. 3 - 5 of 6; 21, 22, & 24 April 2025	1,800 – 1,950	1.50	40	17.6	23.8	29.0	23.6
Reach C: Bay Ridge Channel – Gowanus Creek - From the approximate location of GREEN #9 W/LIGHT FLOOD, to a point approximately 3,130 feet landward of the same, in Gowanus Creek.	File No. 5570/D; Pg. 5 of 6; 21, 22, & 24 April 2025	500 - 1,750	0.52	40	24.3	30.1	31.5	28.6
Reach D: Red Hook Channel - From the approximate location of GREEN #9 W/LIGHT FLOOD, to a point approximately 2,260 feet landward of GREEN #11 W/ LIGHT FLOOD.	File No. 5570/D; Pgs. 5 & 6 of 6; 21, 22, & 24 April 2025	1,200 – 2,100	0.89	40	20.2	28.9	38.0	29.0
REMARKS: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> Reach A: Shoaling exists in the Right Outside Quarter of this reach, which extends into Reach B. The controlling depth of -36.5 feet MLLW exists in the Right Outside Quarter at a point approximately 1,115 feet seaward of the American Veteran's Memorial Pier. Reach B: Shoaling exists in all four quarters, across the channel's entire width, for much of this reach. The controlling depth of -17.6 feet MLLW exists in the Left Outside Quarter, along the channel's toe, at a point approximately 1,260 feet seaward of GREEN #9 W/LIGHT FLOOD. Reach C: Shoaling exists in all four quarters, across the channel's entire width, for much of this reach. The controlling depth of -24.3 feet MLLW exists in the Left Outside Quarter, at the approximate location of GREEN #9 W/LIGHT FLOOD. Reach D: Authorized depth is available for much of the Right Inside and Right Outside Quarters of this reach, however shoaling does exist sporadically throughout both of those quarters and along much of the channel's toe in the Right Outside Quarter. Shoaling also exists throughout significant portions of both the Left Outside and Left Inside Quarters of this reach, with project depth becoming available over approximately the last 920 feet of those quarters. The controlling depth of -20.2 feet MLLW exists in the Left Outside Quarter, along the channel's toe, at a point approximately 200 feet landward of GREEN #9 W/LIGHT FLOOD. 								