

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER)							PAGE 1 OF 2 PAGES	
							DATE: 20 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: Jamaica Bay, New York					MINIMUM DEPTHS IN EACH ¼ WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (LOQ) (feet)	MID-CHANNEL		RIGHT OUTSIDE QUARTER (ROQ) (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)		LEFT INSIDE QUARTER (LIQ) (feet)	RIGHT INSIDE QUARTER (RIQ) (feet)	
Reach C (North Branch): Begins at the fork in the channel (junction with Reach K) at a point approximately 4,390 feet seaward of NUN #2 EBB, and ends at a point approximately 200 feet seaward of the same.	File No. 5558 Pgs. 2, 3, & 10 of 14; 08 – 25 April 2025	317 – 300	0.6	18	25.1	24.7	24.1	23.5
Reach D (North Branch): Begins at a point approximately 200 feet seaward of NUN #2 EBB, and ends at the approximate location of GREEN #9 W/LIGHT FLOOD.	File No. 5558 Pgs. 10 & 11 of 14; 08 – 25 April 2025	300	1.4	18	2.9	12.0	23.8	29.5
Reach E (North Branch Swinging Basin): Begins at the approximate location of GREEN #9 W/LIGHT FLOOD, and ends at a point approximately 380 feet landward of GREEN/RED #M W/LIGHT.	File No. 5558 Pgs. 11 & 12 of 14; 08 – 25 April 2025	300 – 1,000	0.2	18	IRREGULAR (Swinging Basin) 22.7			
Reach F (North Branch): Begins at a point approximately 380 feet landward of GREEN/RED #M W/LIGHT, and ends at a point approximately 305 feet landward of CAN #21 EBB.	File No. 5558 Pgs. 12 - 14 of 14; 08 – 25 April 2025	200 – 446	1.9	12	14.4	15.6	15.9	17.4
Reach K (South Branch): Begins at the fork in the channel (junction with Reach C) at a point approximately 2,715 feet seaward of GREEN/RED #N W/LIGHT FLOOD, and ends at a point approximately 1,085 feet landward of CAN #9 FLOOD at the Cross Bay Veterans Memorial Bridge.	File No. 5558 Pgs. 2 - 5 of 14; 08 – 25 April 2025	493 – 211	2.8	15	14.3	17.6	16.4	12.3
Reach L (South Branch): Begins at a point approximately 1,085 feet landward of CAN #9 FLOOD at the Cross Bay Veterans Memorial Bridge, and ends approximately 3,030 feet landward at the South Channel Subway Bridge.	File No. 5558 Pgs. 5 & 6 of 14; 08 – 25 April 2025	211 – 319	0.5	15	12.8	10.0	15.0	13.8
Reach M (South Branch): Begins at the South Channel Subway Bridge, and ends at a point approximately 275 feet landward of CAN #19 EBB.	File No. 5558 Pgs. 6 & 7 of 14; 08 – 25 April 2025	283 – 292	1.3	15	12.5	16.5	11.6	10.0
Reach N (South Branch): Begins at a point approximately 275 feet landward of CAN #19 EBB, and ends at the approximate location of GREEN #23 W/LIGHT EBB.	File No. 5558 Pgs. 7 & 8 of 14; 08 – 25 April 2025	200	0.8	15	14.2	18.5	19.1	16.9
Reach O (South Branch): Begins at the fork in the channel at the approximate location of GREEN #23 W/LIGHT EBB, and ends at a point approximately 1,070 feet landward of the same.	File No. 5558 Pg. 8 of 14; 08 – 25 April 2025	200	0.2	15	5.1	13.9	17.9	15.4
Reach P (South Branch): Begins at the fork in the channel at the approximate location of GREEN #23 W/LIGHT EBB, and ends at a point approximately 2,525 feet landward of CAN #3 FLOOD.	File No. 5558 Pgs. 8 & 9 of 14; 08 – 25 April 2025	200 – 231	0.9	15	3.9	14.6	13.4	4.4
Reach Q (South Branch): Begins at the approximate location of CAN #1 EBB, and ends at a point approximately 1,770 feet landward of NUN #2 FLOOD.	File No. 5558 Pgs. 8 & 9 of 14; 08 – 25 April 2025	670 – 200	0.3	15	+1.3	4.5	11.4	11.7

REMARKS:

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

Jamaica Bay (Inside):**Reach C (North Branch):**

- No shoaling exists in this reach.
- The controlling depth of -23.5 feet MLLW exists in the Right Outside Quarter at a point approximately 965 feet landward of the beginning of the reach at the fork in the channel.

Reach D (North Branch):

- Shoaling exists in the Left Outside and Left Inside Quarters of this channel, from the approximate location of RED #6 W/LIGHT EBB to a point approximately 220 feet seaward of GREEN #9 W/LIGHT FLOOD.
- The controlling depth of -2.9 feet MLLW exists along the channel's toe in the Left Outside Quarter, at a point approximately 255 feet landward of RED #6 W/LIGHT EBB.

Reach E (North Branch Swinging Basin):

- No shoaling exists in this reach.
- The controlling depth of -22.7 feet MLLW exists along the eastern limit of the swinging basin, opposite the approximate location of GREEN/RED #M W/LIGHT FLOOD.

Reach F (North Branch):

- No shoaling exists in this reach.
- The controlling depth of -14.4 feet MLLW exists along the toe of the channel, in the Left Outside Quarter, at a point approximately 275 feet landward of CAN #21 EBB near the end of this reach.

Reach K (South Branch):

- Shoaling exists in the Right Outside Quarter from a point approximately 1,050 feet seaward of NUN #2 EBB, to a point approximately 905 feet seaward of the same. Shoaling also exists along the toe of the channel in the Left Outside Quarter from a point approximately 785 feet seaward of CAN #7 FLOOD, to a point approximately 505 feet seaward of the same.
- The controlling depth of -12.3 feet MLLW exists along the toe of the channel, in the Right Outside Quarter, at a point approximately 1,015 feet seaward of NUN #2 EBB.

Reach L (South Branch):

- Sporadic shoaling exists throughout this reach.
- The controlling depth of -10.0 feet MLLW exists in the Left Inside Quarter, at a point approximately 790 feet seaward of NUN #12 EBB.

Reach M (South Branch):

- Shoaling exists sporadically throughout the channel from the start of this reach to the approximate location of CAN #17 EBB. Thereafter, authorized depth is available across the entire width of the channel for the remainder of the reach.
- The controlling depth of -10.0 feet MLLW exists along the toe of the channel, in the Right Outside Quarter, at a point approximately 325 feet landward of NUN #14 EBB.

Reach N (South Branch):

- Authorized depth is available across the width of the channel for this entire reach, with the exception of shoaling in the Left Outside Quarter, along the channel's toe, for approximately the last 125 feet of this reach, in the vicinity of GREEN #23 W/LIGHT EBB.
- The controlling depth of -14.2 feet MLLW exists in the Left Outside Quarter, along the channel's toe, at the approximate location of GREEN #23 W/LIGHT EBB.

Reach O (South Branch):

- Shoaling exists in the Left Outside Quarter for this entire reach, and it extends into the Left Inside Quarter for approximately the last 215 feet of this reach. Authorized depth is available in the Right Outside and Right Inside Quarters for this entire reach.
- The controlling depth of -5.1 feet MLLW exists along the toe of the channel, in the Left Outside Quarter, at a point approximately 35 feet seaward of the end of the reach.

Reach P (South Branch):

- Shoaling exists sporadically in all four quarters of this reach, with stretches of authorized depth becoming available across the entire width of the channel.
- The controlling depth of -3.9 feet MLLW exists along the toe of the channel, in the Left Outside Quarter, at a point approximately 765 feet landward of NUN #M EBB.

Reach Q (South Branch):

- While authorized depth is available for much of the Right Inside Quarter, shoaling exists in all four quarters of this reach.
- The controlling depth of +1.3 feet MLLW exists in the Left Outside Quarter at the very end of this reach.