

REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE

PAGE 1 OF 1 PAGE

DATE 28 June 2023

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:
Great Kills Harbor, Staten Island, 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: Commences at entrance of the channel approximately 525 feet seaward of RED NUN #2 EBB to a point approximately 80 feet seaward of RED NUN #10 EBB at channel's first bend.	File No. 5306/N3/N4; Pgs 1 & 2 of 5; 17-18, 22-24, May 2023; 5, 13 June 2023	150	0.9	10	+8.5	+11.8	+11.5
Reach B: From a point approximately 80 feet seaward of REDNUN #10 EBB at channel's first bend to end of channel approximately 370 feet landward of RED NUN #16 EBB.	File No. 5306/N3/N4; Pgs 2-4 of 5; 17-18, 22-24, May 2023; 5, 13 June 2023	150 - 200	0.8	10	6.1	9.4	+1.2
NAME OF CHANNEL	DATE OF SURVEY	WIDTH (feet)	AREA (acres)	DEPTH (feet)	MINIMUM DEPTHS IN CHANNEL		
Reach C: Anchorage area located along the east side of the channel. The anchorage is an irregular area commencing from approximately 510 feet landward of the beginning of Reach B to the end of the same.	File No. 5306/N3/N4; Pgs 3-5 of 5; 17-18, 22-24, May 2023; 5, 13 June 2023	Irregular	140	8	+7.3		

REMARKS:

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

GREAT KILLS HARBOR

- Reach A:
 - Shoaling exists along the channel of the Right Outside Quarter, for the end, near the first bend, of this reach.
 - A large shoal, including an area of positive elevations across the channel's entire width exists throughout the channel for most of the second half of the reach, where the toe of the beach sticks out.
 - The controlling depth of Reach A is +11.8 feet MLLW, it exists in the Middle Half of the channel adjacent to RED NUN #6 EBB.
- Reach B:
 - Minor shoaling exists along the Right Outside Quarter and the Left Outside Quarter for the beginning and end of this of this reach.
 - The controlling depth of Reach B is +1.2 feet MLLW, it exists in the Right Outside Quarter of the channel approximately at the start of this reach, 80 feet seaward of REDNUN #10 EBB.
- Reach C:
 - Shoaling from Reach B extends into Reach C along the entire Southern boundary of this reach.
 - Shoaling exists in the western portion of the reach.
 - The controlling depth of Reach C is +7.3 feet MLLW, it exists approximately in the southwest region of this reach, and adjacent to the start of Reach B.

