

**REPORT OF CHANNEL CONDITIONS  
100 TO 400 FEET WIDE**

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DATE 04 June 2020

**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)			
<b>Reach A:</b> Commences at entrance of the channel approximately 525 feet seaward of NUN #2 FLOOD to a point approximately 70 feet seaward of RED NUN #10 EBB at channel's first bend.	File No. 4928/N3; Pgs 1 & 2 of 4; 20 March – 08 May 2020	150	0.86	10	+6.9	+8.5	+8.6
<b>Reach B:</b> From a point approximately 70 feet seaward of RED NUN #10 EBB at channel's first bend to end of channel approximately 305 feet landward of RED NUN #16 EBB.	File No. 4928/N3; Pgs 2 & 3 of 4; 20 March – 08 May 2020	150 - 200	0.75	10	6.5	7.7	1.8

NAME OF CHANNEL	DATE OF SURVEY	WIDTH (feet)	AREA (acres)	DEPTH (feet)	MINIMUM DEPTHS IN CHANNEL
<b>Reach C:</b> Anchorage area located along the east side of the channel. The anchorage commences from approximately 510 feet landward of the beginning of Reach B; to a point approximately 4,010 feet landward.	File No. 4928/N3; Pgs 2 - 4 of 4; 20 March – 08 May 2020	Irregular	140	8	+8.4

**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 toe of the channel in the Right Outside Quarter, for much of this reach.
  - A large shoal, including an area of positive elevations across the channel's entire width commencing in the vicinity of RED NUN #4 EBB, exists throughout the channel for much of this reach.
  - A controlling depth of +8.6 feet MLLW exists in the Right Outside Quarter of the channel approximately 250 feet landward of RED NUN #4 EBB.
- **Reach B:**
  - Shoaling exists along the toe of the channel in the Right Outside Quarter and the Left Outside Quarter extending into the Middle Half of this reach.
  - A controlling depth of -1.8 feet MLLW exists in the Right Outside Quarter of the channel approximately 355 feet landward of RED NUN # 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 corner of the reach.
  - A controlling depth of +8.4 feet MLLW exists near the Southern boundary of the channel approximately 250 feet from the Northwest boundary of the channel.

