

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

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DATE: 03 March 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:
New York and New Jersey Harbor; Kill Van Kull; Constable Hook Reach to Bergen
Point West Reach, NY & NJ

**MINIMUM DEPTHS IN EACH ¼ WIDTH OF
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MID-CHANNEL		RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (n. miles)	DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	
Kill Van Kull of New York & New Jersey Harbor								
Reach A - Constable Hook Reach: From a point approximately 1,285 feet seaward of RED/GREEN "KV" W/LIGHT EBB to a point approximately 1,600 feet landward of GREEN #9 W/LIGHT EBB.	File 5247/N1/N3, Sheets 1-7 of 12; 6,9,12,14,15,19,20 Dec 2022	800-2,000	2.52	50	47.5	51.2	51.0	48.3
Reach B - Bergen Point East Reach: From a point approximately 1,600 feet landward of GREEN #9 W/LIGHT EBB to a point approximately 195 feet seaward of RED #12A FLOOD.	File 5247/ N1/N3, Sheets 6-8 of 12; 6,9,12,14,15,19,20 Dec 2022	800 - 935	0.96	50	48.0	52.6	52.8	50.1
Reach C - Bergen Point West Reach: From a point approximately 195 feet seaward of RED #12A FLOOD to a point at the approximate location of RED #19 W/LIGHT FLOOD.	File 5247/ N1/N3, Sheets 9-12 of 12; 6,9,12,14,15,19,20 Dec 2022	800-1,710	1.13	50	43.3	52.7	52.4	43.8

REMARKS:

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

Kill Van Kull:

- **Reach A:** Shoaling exists in the Right Outside Quarter of this reach. Shoaling exists along the toe of the channel in the Left Outside Quarter. A controlling depth of -47.5ft MLLW exists in the Left Outside Quarter approximately 585 feet seaward from the end of the Reach.
- **Reach B:** Spot shoal shoaling exists in the Left Outside Quarter of this reach. The controlling depth of -48.0ft MLLW exists in the Left Outside Quarter at approximately 2,280 feet landward of the beginning of this reach-
- **Reach C:** Intermittent shoaling exists along the channel toe in the Left Outside Quarter and the Right Outside Quarter of this reach. The controlling depth of -43.3 feet MLLW exists in the Left Outside Quarter approximately 595 seaward from GREEN #17 W/LIGHT EBB.