

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

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**DATE: 01 December 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:**  
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**

<b>Reach A - Constable Hook Reach:</b> From a point approximately 1,265 feet seaward of RED/GREEN "KV" W/LIGHT EBB to a point approximately 1,535 feet landward of GREEN CAN #9 W/LIGHT EBB.	File 5004/N1, Sheets 1-6 of 9; 10, 13, 16 Nov 2020	800-2,000	2.52	50	44.1	50.8	51.4	49.7
<b>Reach B - Bergen Point East Reach:</b> From a point approximately 1,535 feet landward of GREEN CAN #9 W/LIGHT EBB to a point approximately 155 feet seaward of RED #12A SLACK.	File 5004/N1, Sheets 6-8 of 9; 10, 13, 16 Nov 2020	800 - 935	0.96	50	48.5	53.0	52.5	51.2
<b>Reach C - Bergen Point West Reach:</b> From a point approximately 155 feet seaward of RED #12A SLACK to a point at the approximate location of RED #18 W/LIGHT FLOOD.	File 5004/N1, Sheets 8-9 of 9; 10, 13, 16 Nov 2020	800-1,710	1.13	50	46.0	52.0	52.6	48.0

**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 Left Outside Quarter starting approximately 450 feet seaward of GREEN #1 W/LIGHT EBB and continues until the approximate location of GREEN #5 W/LIGHT EBB. The controlling depth of -44.1 feet MLLW exists in the Left Outside Quarter at approximately 415 feet landward of GREEN #1 W/LIGHT FLOOD.
- **Reach B:** Spot shoal shoaling exists in the Left Outside Quarter of this reach. The controlling depth of -48.5 feet MLLW exists in the Left Outside Quarter at approximately 50 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 -46.0 feet MLLW exists in the Left Outside Quarter at approximately 600 feet seaward of GREEN #17 W/LIGHT FLOOD.