

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

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

<p>Reach A - Constable Hook Reach: From a point approximately 1,305 feet seaward of RED/GREEN #1 W/LIGHT EBB to a point approximately 1,575 feet landward of GREEN #9 W/LIGHT EBB.</p>	<p>File 5361/D, Sheets 7-13 of 13 26-28 Sep 2023</p>	<p>800-2,000</p>	<p>2.52</p>	<p>50</p>	<p>47.0</p>	<p>51.0</p>	<p>51.1</p>	<p>48.0</p>
<p>Reach B - Bergen Point East Reach: From a point approximately 1,575 feet landward of GREEN #9 W/LIGHT EBB to a point approximately 365 feet landward of GREEN #11 EBB.</p>	<p>File 5361/D, Sheets 5-7 of 13 26-28 Sep 2023</p>	<p>800 - 935</p>	<p>0.96</p>	<p>50</p>	<p>48.3</p>	<p>53.3</p>	<p>52.8</p>	<p>50.3</p>
<p>Reach C - Bergen Point West Reach: From a point approximately 365 feet landward of GREEN #11 EBB to a point at the approximately 425 feet landward of the location of GREEN #19 W/LIGHT EBB.</p>	<p>File 5361/D, Sheets 2-5 of 13 26-28 Sep 2023</p>	<p>800-1,710</p>	<p>1.13</p>	<p>50</p>	<p>42.7</p>	<p>53.1</p>	<p>52.2</p>	<p>43.3</p>

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 approximately 1,600 feet from the seaward end of this reach. Shoaling exists along the toe of the channel and extends across the quarter approximately 3,750 feet from the seaward end of the reach in the Left Outside Quarter. A controlling depth of -47.0 ft MLLW exists in the Left Outside Quarter approximately 560 feet seaward from the landward end of the reach.
- **Reach B:** Spot shoal shoaling exists in the Left Outside Quarter of this reach. The controlling depth of -48.3 ft MLLW exists in the Left Outside Quarter at approximately 2280 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 -42.7 ft. MLLW exists in the Left Outside Quarter approximately 585 ft. seaward from RED #2 W/LIGHT EBB.