

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

**PAGE** 1 **OF** 1

**DATE** 05 November 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:**  
Washington Canal and South River, New Jersey

**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 (miles)	DEPTH (feet)			
<b>Reach A:</b> From GREEN DAYMARKER #35 to approximately 475 seaward of the confluence with South River.	File 4979/N2; Pages 2-3 of 8; 6-13 August, and 21-23 September 2020	100	0.68	12	8.7	8.5	1.8
<b>Reach B:</b> From approximately 475 seaward of the confluence with South River to Veterans Memorial Bridge HWY 535.	File 4979/N2; Pages 3-4 of 8; 6-13 August, and 21-23 September 2020	150	0.70	12	7.7	8.2	2.4
<b>Reach C:</b> From Veterans Memorial Bridge HWY 535 to the mouth of Pond Creek.	File 4979/N2; Pages 4-5 of 8; 6-13 August, and 21-23 September 2020	150	0.99	12	3.1	2.5	1.5
<b>Reach D:</b> From mouth of Pond Creek to the mouth of Tennant Creek.	File 4979/N2; Pages 5-7 of 8; 6-13 August, and 21-23 September 2020	150	0.99	12	0.9	3.1	+0.4
<b>Reach E:</b> From the mouth of Tennant Creek to approximately 775 feet seaward of Main Street Bridge HWY 615.	File 4979/N2; Pages 7-8 of 8; 6-13 August, and 21-23 September 2020	150	1.12	12	+6.8	+0.5	+7.2

**REMARKS:**

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

**WASHINGTON CANAL AND SOUTH RIVER**

- **Reach A:** Shoaling exists intermittently throughout this reach. The controlling depth of -1.8 feet MLLW exists along the Right Outside Quarter approximately 55 feet landward from the beginning of this reach.
- **Reach B:** Shoaling exists intermittently throughout this reach. The controlling depth of -2.4 feet MLLW exists along the Right Outside Quarter approximately 260 feet seaward from the end of this reach.
- **Reach C:** Shoaling exists intermittently throughout the majority of this reach. The controlling depth of -1.5 feet MLLW exists along the Right Outside Quarter approximately 245 feet landward from the beginning of this reach.
- **Reach D:** Shoaling exists intermittently throughout the majority of this reach. The controlling depth of +0.4 feet MLLW exists along the Right Outside Quarter approximately 1,110 feet seaward from the end of this reach.
- **Reach E:** Shoaling exists intermittently throughout the majority of this reach. The controlling depth of +7.2 feet MLLW exists along the right Outside Quarter approximately 20 feet seaward from the end of the reach.