

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

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DATE 16 March 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)			
Reach A: From GREEN LIGHT #35 to approximately 460 seaward of the confluence with South River.	File 4867; Pages 2-3 of 8; 13, 16 September, 2019	100	0.68	12	8.3	7.4	0.6
Reach B: From approximately 460 seaward of the confluence with South River to Veterans Memorial Bridge HWY 535.	File 4867; Pages 3-4 of 8; 13, 16 September, 2019	150	0.70	12	7.7	8.0	1.3
Reach C: From Veterans Memorial Bridge HWY 535 to the mouth of Pond Creek.	File 4867; Pages 4-5 of 8; 13, 16 September, 2019	150	0.99	12	3.7	1.8	1.7
Reach D: From mouth of Pond Creek to the mouth of Tennant Creek.	File 4867; Page 5-7 of 8; 13, 16 September, 2019	150	0.99	12	0.7	3.3	+0.7
Reach E: From the mouth of Tennant Creek to 750 feet seaward of Main Street Bridge HWY 615.	File 4867; Pages 7-8 of 8; 13, 16 September, 2019	150	1.12	12	+2.5	+2.2	+3.1

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 sparsely throughout the reach. The controlling depth of -0.6 feet MLLW exists along the Right Outside Quarter approximately 50 feet landward from the start of the reach.
- **Reach B:** Shoaling exists sparsely throughout the reach. The controlling depth of -1.3 feet MLLW exists along the Right Outside Quarter approximately 210 feet seaward from the end of the reach.
- **Reach C:** Shoaling exists intermittently throughout the reach. The controlling depth of -1.7 feet MLLW exists along the Right Outside Quarter approximately 165 feet seaward from the end of the reach.
- **Reach D:** Shoaling exists intermittently throughout the reach. The controlling depth of +0.7 feet MLLW exists along the Right Outside Quarter approximately 1,540 feet seaward from the end of the reach.
- **Reach E:** Shoaling exists for the majority of the reach. The controlling depth of +3.1 feet MLLW exists along the right Outside Quarter approximately 20 feet seaward from the end of the reach.