

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 2 PAGES		
					DATE: 03 April 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: Shrewsbury 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 (nmiles)	DEPTH (feet)			
Reach A: Bay to Highlands: Begins in Sandy Hook Bay at the approximately 140 feet landward of GREEN #3 W/LIGHT EBB; Ends approximately 1555 feet landward of Green #11A W/LIGHT EBB.	File No. 5274/N2/N4; pgs. 2-5 of 27. 3,6,8,9 & 10 Mar 2023	300-415	1.8	12	1.9	4.5	5.4
Reach B: Junction of North and South Branch: Begins approximately 1555 feet landward of Green #11A W/LIGHT EBB; Ends at the junction between the North and South Branches approximately 2520 feet landward from the start of the reach.	File No. File No. 5274/N2/N4; pgs. 5-6 of 27. 3 - 21 Mar 2023	150	0.4	9	12.0	11.4	9.5
Reach C: Buoy #38: Begins at junction between the North and South Branches of the project approximately 1720 feet landward from the start of reach B; Ends approximately 6720 feet seaward of Pleasure Bay Bridge.	File No. 5274/N2/N4; pgs. 6-13 of 27. 3 - 21 Mar 2023	150 - 620	3.6	9	5.0	3.2	3.0
Reach D: Sands Point: Begins approximately 6720 feet seaward of Pleasure Bay Bridge; Ends 3820 feet seaward of Pleasure Bay Bridge.	File No. 5274/N2/N4; pgs. 14-15 of 27. 3 - 21 Mar 2023	150	0.5	9	6.7	7.0	3.0
Reach E: Pleasure Bay Bridge: Begins 3820 feet seaward of Pleasure Bay Bridge; Ends at Pleasure Bay Bridge.	File No. 5274/N2/N4 pgs 15-16 of 27. 3 - 21 Mar 2023	150-230	0.7	9	5.9	6.6	4.4

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Reach F: Upstream Project Limit: Begins at Pleasure Bay Bridge; Ends at the approximate location of the Oceanport Avenue Bridge at the upstream limit of the project.	File No. 5274/N2/N4; pgs. 16-17 of 27. 3 - 21 Mar 2023	150- 260	0.8	9	1.6	1.0	1.2
Reach G: Oceanic Bridge: Begins at junction between the North at the end of reach; Ends at Oceanic Bridge.	File No. 5274/N2/N4; pgs. 6-7 and 18-21 of 27. 3 - 21 Mar 2023	150- 230	1.9	6	0.5	2.5	1.6
Reach H: Red Bank: Begins at Oceanic Bridge; Ends approximately the foot of Maple Ave in the vicinity of the Rte. 35 Bridge.	File No. 5274/N2/N4; pgs. 21-27 of 27. 3 - 21 Mar 2023	150- 270	3.2	6	4.1	4.4	4.6

REMARKS:

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

SHREWSBURY RIVER

- Reach A:** Shoaling exists starting at the beginning of this reach in both outside quarters; shoaling extends across the all four quarters of this reach starting approximately 1030 feet from the seaward beginning of the reach and again approximately 1050 feet from the end of the reach. The controlling depth of -1.9 feet MLLW exists in the Left Outside Quarter at approximately 715 feet landward of the start of the reach.
- Reach B:** No shoaling exists in this reach. The controlling depth of -9.5 feet MLLW exists in the Right Outside Quarter approximately 1535 feet landward of the seaward beginning of the reach.
- Reach C:** Major shoaling extending across the entire channel width exists in several locations along the reach. The controlling depth of -3.0 feet MLLW exists in the Right Outside Quarter approximately 360 feet landward from the beginning of the reach.
- Reach D:** Shoaling exists throughout this reach, extending across the entire channel width near the landward end of the reach. The controlling depth of -3.0 feet MLLW exists in the Right Outside Quarter approximately 155 feet seaward of the landward end of the reach.
- Reach E:** Shoaling exists throughout this reach, extending across the entire channel width at its widest point. The controlling depth of -4.4 feet MLLW exists in the Right Outside Quarter approximately 70 feet landward from the seaward beginning of this reach.
- Reach F:** Shoaling exists throughout this entire reach, extending across the entire channel width at its widest point. The controlling depth of -1.0 feet MLLW exists in the Middle Half approximately 85 feet seaward of the end of this reach.
- Reach G:** Scattered shoaling exists throughout this reach, extending across the entire channel width in some areas. The controlling depth of -0.5 feet MLLW exists in the Left Outside Quarter approximately 3300 feet seaward of from the landward end of the each.
- Reach H:** Shoaling exists towards the end of the reach, extending across the channel. The controlling depth of -4.1feet MLLW exists in the Left Outside Quarter approximately 1630 feet seaward from the landward end of the reach.

