

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 2 PAGES		
					DATE: 7 September 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 approximately 115 feet landward from the location of GREEN #3 W/LIGHT FLOOD; Ends approximately 435 feet landward of Sandy Hook Bridge.	File No. 5320/AL/N1/N3 pgs. 2-5 of 27, 24-26,31 July 1 – 3, 9, 14&15 August 2023	300-415	1.83	12	7.8	10.4	6.3
Reach B: Junction of North and South Branch: Begins approximately 435 feet landward of Sandy Hook Bridge; Ends at the junction between the North and South Branches, approximately 875 feet landward of RED NUN #12 EBB.	File No. 5320/AL/N1/N3 pgs. 5-6 of 27, 24-26,31 July 1 – 3, 9, 14&15 August 2023	150	0.42	9	11.9	11.5	9.7
Reach C: Buoy #38: Begins at junction between the North and South Branches of the project approximately 335 feet landward of RED NUN #12 EBB; Ends at the approximate location of RED #38 W/LIGHT FLOOD.	File No. 5320/AL/N1/N3 pgs. 6-13 of 27, 24-26,31 July 1 – 3, 9, 14&15 August 2023	150 - 620	3.60	9	4.4	3.4	3.2
Reach D: Sands Point: Begins at the approximate location of RED #38 W/LIGHT EBB; Ends at the approximate location of GREE #39 W/LIGHT FLOOD.	File No. 5320/AL/N1/N3 pgs. 13-15 of 27, 24-26,31 July 1 – 3, 9, 14&15 August 2023	150	0.49	9	6.9	6.6	3.1
Reach E: Pleasure Bay Bridge: Begins at the approximate location of GREEN #39 W/LIGHT FLOOD; Ends at Monmouth Blvd. Bridge.	File No. 5320/AL/N1/N3 pgs. 15-16 of 27, 24-26,31 July 1 – 3, 9, 14&15 August 2023	150-230	0.65	9	6.2	6.4	4.6

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Reach F: Upstream Project Limit: Begins at Monmouth Blvd. Bridge; Ends at the approximate location of the Branchport Ave. Bridge at the upstream limit of the project.	File No. 5320/AL/N1/N3 pgs. 16-17 of 27, 24-26,31 July 1 – 3, 9, 14&15 August 2023	150- 260	0.75	9	2.4	1.6	2.5
Reach G: Oceanic Bridge: Begins at the junction between the North and South Branches, approximately 875 feet landward of RED NUN #12 EBB.; Ends at Oceanic Bridge.	File No. 5320/AL/N1/N3 pgs. 6-7 & 18-21 of 27, 24-26,31 July 1 – 3, 9, 14&15 August 2023	150-230	1.85	6	+0.2	2.3	1.7
Reach H: Red Bank: Begins at Oceanic Bridge; Ends approximately 2335 feet landward of RED #24 FLOOD.	File No. 5320/AL/N1/N3 pgs. 21-27 of 27, 24-26,31 July 1 – 3, 9, 14&15 August 2023	150-270	3.20	6	3.1	4.2	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:** Scattered shoaling exists along the toes of both the Right and Left Outside Quarters throughout this reach. Intermediate shoaling exists in the Right and Left Inside Quarters throughout the entire channel but is more concentrated landward of "NO WAKE" BUOY FLOOD and extends for approximately 675 feet landward. The controlling depth of -6.3 feet MLLW exists in the Right Outside Quarter at approximately 300 feet landward of GREEN #3 W/LIGHT FLOOD.
- **Reach B:** No shoaling exists in this reach. The controlling depth of -9.7 feet MLLW exists in the Right Outside Quarter approximately 110 feet seaward of RED NUN #12 EBB.
- **Reach C:** Scattered shoaling exists throughout this reach extending across the entire channel width. The controlling depth of -3.2 feet MLLW exists in the Right Outside Quarter approximately 65 feet seaward of RED/GREEN BUOY W/ LIGHT NS EBB.
- **Reach D:** Shoaling exists throughout this reach, extending across the entire channel width. The controlling depth of -3.1 feet MLLW exists in the Right Outside Quarter approximately 140 feet seaward of RED #40 W/LIGHT FLOOD.
- Reach E:** Shoaling exists throughout this reach, extending across the entire channel width. The controlling depth of -4.6 feet MLLW exists in the Right Outside Quarter approximately 75 feet landward of RED #40 W/LIGHT FLOOD.
- **Reach F:** Shoaling exists throughout this entire reach, extending across the entire channel width. The controlling depth of -1.6 feet MLLW exists in the Middle Half approximately 125 feet seaward of the end of this reach.
- **Reach G:** Scattered shoaling exists throughout this reach, extending across the entire channel width in many areas. The controlling depth of +0.2 feet MLLW exists in the Left Outside Quarter approximately 330 feet landward of GREEN #13 W/LIGHT EBB.
- **Reach H:** Shoaling exists towards the end of the reach, extending across the channel's width. The controlling depth of -3.1 feet MLLW exists in the Left Outside Quarter approximately 40 feet seaward of the end of the reach.