

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 2 PAGES		
					DATE: 12 July 2022		
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 approximate location of GREEN #3 W/LIGHT EBB; Ends approximately 435 feet landward of Sandy Hook Bridge.	File No. 5181/N1/N 3/AL; pgs 2-5 of 29; 19 May 2022 – 29 June 2022	300-415	1.83	12	1.8	4.5	5.2
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 665 feet seaward of RED NUN #2 EBB.	File No. 5181/N1/N 3/AL; pgs 5-6 of 29; 19 May 2022 – 29 June 2022	150	0.42	9	12.3	11.9	9.9
Reach C: Buoy #38: Begins at junction between the North and South Branches of the project approximately 665 feet seaward of RED NUN #2 EBB; Ends at the approximate location of RED #38 W/LIGHT EBB.	File No. 5181/N1/N 3/AL; pgs 6-14 of 29; 19 May 2022 – 29 June 2022	150 - 620	3.60	9	4.7	3.1	2.8
Reach D: Sands Point: Begins at the approximate location of RED #38 W/LIGHT EBB; Ends at the approximate location of RED #40 W/LIGHT FLOOD.	File No. 5181/N1/N 3/AL; pgs 14-15 of 29; 19 May 2022 – 29 June 2022	150	0.49	9	6.6	7.1	2.8
Reach E: Pleasure Bay Bridge: Begins at the approximate location of RED #40 W/LIGHT FLOOD; Ends at Pleasure Bay Bridge.	File No. 5181/N1/N 3/AL; pgs 15-16 of 29; 19 May 2022 – 29 June 2022	150-230	0.65	9	4.3	7.0	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. 5181/N1/N 3/AL; pgs 16-18 of 29; 19 May 2022 – 29 June 2022	150- 260	0.75	9	1.6	1.1	1.7
Reach G: Oceanic Bridge: Begins at junction between the North and South Branches of the project approximately 665 feet seaward of RED NUN #2 EBB; Ends at Oceanic Bridge.	File No. 5181/N1/N 3/AL; pgs 6-7 and 19-22 of 29; 19 May 2022 – 29 June 2022	150-230	1.85	6	0.7	2.3	1.0
Reach H: Red Bank: Begins at Oceanic Bridge; Ends approximately 335 feet landward of RED PVT. AID FLOOD.	File No. 5181/N1/N 3/AL; pgs 22-29 of 29; 19 May 2022 – 29 June 2022	150-270	3.20	6	3.8	4.2	4.5
REMARKS: <ul style="list-style-type: none"> All reported depths are relative to the Mean Lower Low Water (MLLW) datum. Channel reach lengths are in nautical miles. SHREWSBURY RIVER <ul style="list-style-type: none"> Reach A: Scattered shoaling exists throughout this reach extending throughout the entire channel width. The controlling depth of -1.8 feet MLLW exists in the Left Outside Quarter at approximately 440 feet seaward of GREEN #5 W/LIGHT EBB. Reach B: No shoaling exists in this reach. The controlling depth of -9.9 feet MLLW exists in the Right Outside Quarter approximately 135 feet seaward of RED NUN #12 FLOOD. Reach C: Scattered shoaling exists throughout this reach extending across the entire channel width. The controlling depth of -2.8 feet MLLW exists in the Right Outside Quarter approximately 50 feet seaward of RED/GREEN BUOY W/ LIGHT NS FLOOD. Reach D: Shoaling exists throughout this reach, extending across the entire channel width at its widest point. The controlling depth of -2.8 feet MLLW exists in the Right Outside Quarter in two places approximately 95 and 160 feet seaward of RED #40 W/LIGHT FLOOD. Reach E: Shoaling exists throughout this reach, extending across the entire channel width at its widest point. The controlling depth of -4.3 feet MLLW exists in the Left Outside Quarter approximately 120 feet seaward of the end 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 -1.1 feet MLLW exists in the Middle Half approximately 110 feet seaward of the end of this reach. Reach G: Scattered shoaling exists throughout this reach, extending across the entire channel width at its widest point. The controlling depth of -0.7 feet MLLW exists in the Left Outside Quarter approximately 315 feet seaward of GREEN #13 W/LIGHT FLOOD. Reach H: Shoaling exists towards the end of the reach, extending across the channel's width at its widest point. The controlling depth of -3.8 feet MLLW exists in the Left Outside Quarter approximately 775 feet landward of RED NUN #24 FLOOD. 							