

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE	1 OF 2	PAGES
					DATE:	28 October 2021	
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 125 feet landward of GREEN #3 W/LIGHT FLOOD; Ends approximately 1,585 feet seaward of RED NUN #12 EBB.	File No. 5070; pgs 1 - 5 of 25; 15 July 2021 – 05 August 2021	300-415	1.83	12	1.2	4.4	5.1
Reach B: Junction of North and South Branch: Begins approximately 1,585 feet seaward of RED NUN #12 EBB; Ends at the junction between the North and South Branches, approximately 925 feet landward of RED NUN #12 EBB.	File No. 5070; pgs 5 -6 of 25; 15 July 2021 – 05 August 2021	150	0.42	9	12.1	11.5	9.4
Reach C: Buoy #38: Begins at junction between the North and South Branches of the project approximately 925 feet landward of RED NUN #12 EBB; Ends at the approximate location of RED #38 W/LIGHT FLOOD.	File No. 5070; pgs 5-6 and 16-22 of 25; 15 July 2021 – 05 August 2021	150 - 620	3.60	9	4.2	4.3	3.5
Reach D: Sands Point: Begins at the approximate location of RED #38 W/LIGHT FLOOD; Ends at the approximate location of RED #40 W/LIGHT EBB.	File No. 5070; pgs 22-23 of 25; 15 July 2021 – 05 August 2021	150	0.49	9	6.4	6.9	2.8
Reach E: Pleasure Bay Bridge: Begins at the approximate location of RED #40 W/LIGHT EBB; Ends at Pleasure Bay Bridge.	File No. 5070; pgs 23-24 of 25; 15 July 2021 – 05 August 2021	150-230	0.65	9	5.3	6.2	4.3

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE	2 OF 2	PAGES
					DATE:	28 October 2021	
Reach F: Upstream Project Limit: Begins at Pleasure Bay Bridge; Ends at approximately 925 feet landward of GREEN CAN #49 EBB at the upstream limit of the project.	File No. 5070; pgs 24-25 of 25; 15 July 2021 – 05 August 2021	150-260	0.75	9	2.9	0.4	0.6
Reach G: Oceanic Bridge: Begins at the junction between the North and South Branches approximately 925 feet landward of RED NUN #12 EBB; Ends at Oceanic Bridge.	File No. 5070; pgs 6-9 of 25; 15 July 2021 – 05 August 2021	150-230	1.85	6	0.5	2.3	1.0
Reach H: Red Bank: Begins at Oceanic Bridge; Ends approximately 310 feet landward of RED PVT. AID FLOOD.	File No. 5070; pgs 9-15 of 25; 15 July 2021 – 05 August 2021	150-270	3.20	6	3.8	4.4	4.4

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 throughout this reach extending throughout the entire channel width. The controlling depth of -1.2 feet MLLW exists in the Left Outside Quarter at approximately 425 feet seaward of GREEN #5 W/LIGHT FLOOD.
- **Reach B:** No shoaling exists in this reach. The controlling depth of -9.4 feet MLLW exists in the Right Outside Quarter approximately 25 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 -3.5 feet MLLW exists in the Right Outside Quarter at the approximate location of RED-GREEN BUOY W/ LIGHT "NS" EBB.
- **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 approximately 175 feet seaward of RED #40 W/LIGHT EBB.
- **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 Right Outside Quarter approximately 75 feet landward of the beginning of this reach.
- **Reach F:** Shoaling exists throughout this entire reach, extending across the entire channel width. The controlling depth of -0.4 feet MLLW exists in the Middle Half approximately 70 feet seaward of the end of this reach.
- **Reach G:** Scattered shoaling exists throughout this reach, extending across the entire channel width. The controlling depth of -0.5 feet MLLW exists in the Left Outside Quarter approximately 305 feet seaward 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 -3.8 feet MLLW exists in the Left Outside Quarter approximately 1,625 feet seaward of the end of this reach.