

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE						PAGE 1 OF 2 PAGES	
						DATE: 25 May 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: Shark 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. From approximately 1,600 feet seaward of the OCEAN AVENUE BRIDGE to approximately 800 feet seaward of the same.	File 5301/N2 Pg 1 of 3 14 February, 2 & 8 May 2023	100-150	0.1	18	13.2	18.4	18.0
Reach B. From approximately 800 feet landward of the OCEAN AVENUE BRIDGE to the same.	File 5301/N2 Pg 1 of 3 14 February, 2 & 8 May 2023	100	0.1	12	10.1	15.2	11.8
Reach C. From the OCEAN AVENUE BRIDGE to the ROUTE 35 BRIDGE.	File 5301/N2 Pg 1-3 of 3 14 February, 2 & 8 May 2023	50-210	0.8	12	6.1	6.5	7.6
Reach D. From the ROUTE 35 BRIDGE to the upstream limit of Federal Channel at Belmar Municipal Boat Basin.	File 5301/N2 Pg 3 of 3 14 February, 2 & 8 May 2023	50-200	0.5	8	6.3	8.6	6.9

REMARKS:

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

SHARK RIVER, NEW JERSEY

- Reach A:** Shoaling exists along the Left Outside Quarter of this reach in the last half of the reach. The controlling depth of -13.2 feet MLLW exists in the Left Outside Quarter at approximately 615 feet landward from the beginning of the reach.
- Reach B:** Minor shoaling exists along the toe of the Right Outside Quarter. The controlling depth of -10.1 feet MLLW exists in the Left Outside Quarter right at the bridge at the end of the reach.
- Reach C:** Shoaling exists in the middle of the reach across the width of the channel and towards the end of this reach. The controlling depth of -6.1 feet MLLW exists in the Left Outside Quarter, approximately 1,645 feet landward edge of the bridge at the beginning of the reach.
- Reach D:** Minor sporadic edge shoaling exists throughout this reach. The controlling depth of -6.3 feet MLLW exists in the Left Outside Quarter approximate 415 feet seaward from the end of the reach.

**REPORT OF CHANNEL CONDITIONS
IRREGULAR WIDTH**

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RIVER/HARBOR NAME AND STATE:

Shark River, New Jersey

**MINIMUM DEPTH IN
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT		
		WIDTH (feet)	AREA (acres)	DEPTH (feet)
Reach E: Triangular anchorage area located seaward of the State Highway Route 71 Bridge. Anchorage begins approximately 1,475 feet seaward of Route 71 Bridge; thence widens towards and ends near the Route 71 Bridge.	File 5301/N2 Pg 2 of 3 14 February, 2 & 8 May 2023	Irregular	6.62	12

4.3

REMARKS:

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

SHARK RIVER, NEW JERSEY

- **Reach E:**
 - Shoaling exists throughout the majority of this reach. The controlling depth of -4.3 feet MLLW exists at approximately 1,020 feet landward of the most seaward point of the reach.