

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE**

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DATE: 18 Sept 2024

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 745 feet seaward of the FIXED AID GREEN #1 to approximately 100 feet landward of the same.	File 5481 Pg 2 of 4 4, 9 & 10 Sept 2024	100-150	0.1	18	17.2	18.0	17.3
Reach B. From approximately 100 feet landward of the FIXED AID GREEN #1 to OCEAN AVENUE BRIDGE.	File 5481 Pg 2 of 4 4, 9 & 10 Sept 2024	100	0.1	12	14.5	11.0	10.1
Reach C. From the OCEAN AVENUE BRIDGE to the ROUTE 35 BRIDGE.	File 5481 Pg 2 - 4 of 4 4, 9 & 10 Sept 2024	50-210	0.8	12	6.1	6.4	6.9
Reach D. From the ROUTE 35 BRIDGE to the upstream limit of Federal Channel at Belmar Municipal Boat Basin.	File 5481 Pg 4 of 4 4, 9 & 10 Sept 2024	50-200	0.5	8	6.7	8.8	6.3
Reach E. Begins 20 seaward of the Route 71 Bridge and extends 1,150 feet seaward.	File 5481 Pg 3 of 4 4, 9 & 10 Sept 2024	Irregular	0.1	12	3.5		

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:** Toe shoaling exists along the Left Outside Quarter of this reach in the last half of the reach. The controlling depth of -17.2 feet MLLW exists in the Left Outside Quarter at approximately 160 feet seaward from the landward end of the reach.
- **Reach B:** Shoaling exists beginning 210 feet landward of the seaward end of the reach in the Right Outside Quarter and extends into the Right and Left Center Quarters. The controlling depth of -10.1 feet MLLW exists in the Right Outside Quarter 260 feet landward of the seaward beginning of the reach.
- **Reach C:** Shoaling exists in all quarters in various locations along the entire length of this reach. The controlling depth of -6.1 feet MLLW exists in the Left Outside Quarter, approximately 1,625 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 Right Outside Quarter at the end of the reach.
- **Reach E:** Shoaling exists throughout most of this reach. The controlling depth of -3.5 feet MLLW exists in the Left Outside Quarter approximate 855 feet seaward from the end of the reach.

**REPORT OF CHANNEL CONDITIONS
IRREGULAR WIDTH**

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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 DEPTH IN
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTH IN CHANNEL ENTERING FROM SEAWARD
		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.

