

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

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DATE: 19 May 2019

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 4916 Pg 1 of 3; 12 March 2020	100-150	0.13	18	15.2	15.8	16.2
Reach B. From approximately 800 feet landward of the OCEAN AVENUE BRIDGE to the same.	File 4916 Pg 1 of 3; 12 March 2020	100	0.13	12	13.6	15.6	12.1
Reach C. From the OCEAN AVENUE BRIDGE to the ROUTE 35 BRIDGE.	File 4916 Pg 1 – 3 of 3; 12 March 2020	50-210	0.76	12	6.5	7.3	8.3
Reach D. From the ROUTE 35 BRIDGE to the upstream limit of Federal Channel at Belmar Municipal Boat Basin.	File 4916 Pg 3 of 3; 12 March 2020	50-200	0.46	8	7.0	8.2	6.2

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 in the middle of this reach, across the width of the channel and tapers into the Left and Right Outside Quarters. The controlling depth of -15.2 feet MLLW exists in the Left Outside Quarter at approximately 415 feet landward from the beginning of this reach.
- **Reach B:** Shoaling does not exist in this reach. The controlling depth of -12.1 feet MLLW exists in the Right Outside Quarter at approximately 365 feet landward from the beginning of this reach.
- **Reach C:** Sporadic shoaling exists throughout the majority of this reach. The controlling depth of -6.5 feet MLLW exists in the Left Outside Quarter at two locations, approximately 1,515 feet and 1,855 feet landward of the OCEAN AVENUE BRIDGE.
- **Reach D:** Minor edge shoaling exists towards the end of this reach. The controlling depth of -4.8 feet MLLW exists in the Right Outside Quarter at the approximate location of the end of the reach.

**REPORT OF CHANNEL CONDITIONS
IRREGULAR WIDTH**

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DATE: 21 May 2019

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			
		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 4916 Pg 2 of 3; 12 March 2020	Irregular	6.62	12	5.6

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 -5.6 feet MLLW exists at approximately 325 feet seaward of the ROUTE 71 (MAIN ST.) BRIDGE.