

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

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DATE 03 July 2018

**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:**  
Browns Creek, New York

**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)			
<b>Reach A:</b> From the channel entrance, approximately 850 feet seaward of GREEN FIXED AID W/ LIGHT #1, to approximately 125 feet seaward of channel's first bend.	File No. 56, Pgs 2 & 3 of 4;  18, 19, 20, 23 April 2018	100	0.30	6	2.3	3.4	2.4
<b>Reach B:</b> From approximately 125 feet seaward of channel's first bend, to the third bend in the channel, approximately 300 feet seaward of Terry Street.	File No. 56, Pgs 3 & 4 of 4;  18, 19, 20, 23 April 2018	100	0.25	4	1.5	1.4	0.6
<b>Reach C:</b> From the third bend in the channel, approximately 300 feet seaward of Terry Street, to a point approximately 520 feet landward of the channel's fourth bend.	File No. 56, Pg 4 of 4;  18, 19, 20, 23 April 2018	100	0.24	4	1.9	2.0	0.8

**REMARKS:**

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

**BROWNS CREEK**

- **Reach A:** Shoaling exists at the entrance of the channel across the entire width and gradually tapers into the Left Outside Quarter, ending approximately 460 feet landward of the entrance of the channel. Shoaling exists in the Left Outside Quarter beginning at the approximate location of GREEN FIXED AID W/ LIGHT #1, and it widens into the Middle Half of the channel as it continues approximately 165 feet landward. Thence shoaling exists in the Left Outside and Right Outside Quarters from approximately 40 feet seaward of RED FIXED AID W/ LIGHT #2, and it widens across the channel's entire width as it continues landward to the end of the reach.
- **Reach B:** Shoaling commences at the beginning of the reach in both the Left and Right Outside Quarters and intermittently tapers into the Middle Half of the channel as it continues landward for approximately the next 600 feet. Thence shoaling exists in the Right Outside Quarter, commencing approximately 50 feet seaward of the channel's second bend and continues approximately 450 feet landward where it extends across the channel's entire width for much of the remainder of the reach.
- **Reach C:** Shoaling exists across the entire width of the channel for much of the length of this reach, with project depth becoming available sporadically throughout the reach.