

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

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DATE 11 May 2020

**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. 4944, Pgs 2 & 3 of 4; 14, 15 April 2020	100	0.30	6	0.2	2.1	0.2
<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. 4944, Pgs 3 & 4 of 4; 14, 15 April 2020	100	0.25	4	0.1	1.1	0.5
<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. 4944, Pg 4 of 4; 14, 15 April 2020	100	0.24	4	1.6	+0.2	0.4

**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 across the majority of the channel. A controlling depth of -0.2 feet MLLW exists in both the Right Outside Quarter and Left Outside Quarter of the channel, approximately 130 feet seaward of the end of the reach.
- **Reach B:** Shoaling exists in the entire reach at both the Left and Right Outside Quarters and intermittently tapers into the Middle Half of the channel as it continues landward. A controlling depth of 0.1 feet MLLW exists in the Left Outside Quarter the channel approximately 210 feet seaward of the end of the reach.
- **Reach C:** Shoaling exists across the entire width of the channel for much of the length of this reach. A controlling depth of +0.2 feet MLLW exists in the Middle Half of the channel approximately 15 feet landward of the beginning of the reach.