

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

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DATE 12 December 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:
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)			
Reach A: From the channel entrance, approximately 890 feet seaward of GREEN LIGHT #1, to approximately 120 feet seaward of channel's first bend.	File No. 5452, Pgs. 2-4 of 7; 18-30 August 2024	100	0.30	6	1.6	5.4	3.8
Reach B: From approximately 120 feet seaward of channel's first bend, to the third bend in the channel, approximately 300 feet seaward of Terry Street.	File No. 5452, Pgs. 4-6 of 7; 18-30 August 2024	100	0.25	4	1.7	3.9	3.4
Reach C: From the third bend in the channel, approximately 300 feet seaward of Terry Street, to a point approximately 515 feet landward of the channel's fourth bend.	File No. 5452, Pgs. 6-7 of 7; 18-30 August 2024	100	0.24	4	1.3	2.2	3.2

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:** Starting near RED LIGHT #2 shoaling along the toe of the Right and Left Outside Quarters and extends into the Middle Half starting approximately 325 feet landward. A controlling depth of -1.6 feet MLLW exists in Left Outside Quarter just seaward of the landward end of the reach.
- **Reach B:** Shoaling exists along the toe of the Left and Right Outside Quarters intermittently along in the entire reach. A controlling depth of -1.7 feet MLLW exists in the Left Outside Quarter of the channel from approximately 175 feet landward of the seaward beginning of the reach.
- **Reach C:** Shoaling exists along the toe of the Right Outside Quarter extending 60 feet landward of the seaward beginning of the reach. Shoaling exists along the toe of the Left Outside Quarter extending into the Middle Half briefly 525 feet landward of the seaward end of the reach and again starting 200 feet seaward of the landward end of the reach. A controlling depth of -1.3 feet MLLW exists in the Left Outside Quarter of the channel, approximately 525 feet from the end of this reach.