

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-306)**

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DATE 9 August 2012

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 815 feet from GREEN FIXED AID #1, to the upper limit of the 6 foot project, approximately 125 feet seaward of channel's first bend (Browns River Road).	Map 51 Pg 1 & 2 of 3; 4-6, 24, 25 April 2012	100	0.30	6	1.2	2.7	2.2
Reach B: From the upper limit of the 6 foot project, approximately 125 feet seaward of channel's first bend (Browns River Road), to the third bend in the channel, approximately 300 feet seaward of Terry Street.	Map 51 Pg 2 & 3 of 3; 4-6, 24, 25 April 2012	100	0.25	4	1.8	2.2	1.5
Reach C: From the third bend in the channel, approximately 300 feet seaward of Terry Street, to a point approximately 525 feet landward of the channel's fourth bend.	Map 51 Pg 3 of 3; 17, 4-6, 24, 25 April 2012	100	0.24	4	0.9	2.6	1.9

REMARKS:

- All depths in Mean Lower Low Water (MLLW)
- Channel Length is in nautical miles

BROWNS CREEK

- **Reach A:** Shoaling begins in the Left Outside Quarter in the vicinity of GREEN FIXED AID #1 and widening landward. Channelwide shoaling commences in the vicinity of RED FIXED AID #2 and continues for approximately 100 feet. Thence, shoaling continues to the end of the reach mainly in the Left and Right Outside Quarters with project depth available only in the Middle Half of the channel with a minimum width of 15 feet.
- **Reach B:** Shoaling exists in both the Left and Right Outside Quarters and extending into the Middle Half of the channel for approximately the first 625 feet of this reach. Thence, project depth is available across the width of the channel for approximately 690 feet. Channelwide shoaling commences approximately 200 feet seaward of the third bend in the channel.
- **Reach C:** Shoaling exists throughout much of the channel for approximately the first 600 feet of this reach. From this point, project depth is available for the majority of the channel's width for the remainder of the reach.