

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE <i>(ER 1130-2-306)</i>					PAGE 1 OF 1 DATE 29 May 2013		
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 830 feet seaward of GREEN FIXED AID #1, to the upper limit of the 6 foot project, approximately 132 feet seaward of channel's first bend (Browns River Road).	Map 523 Pg 1 & 2 of 3; 2-3 April 2013	100	0.30	6	2.3	3.4	2.3
Reach B: From the upper limit of the 6 foot project, approximately 132 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 523 Pg 2 & 3 of 3; 2-3 April 2013	100	0.25	4	2.4	2.7	2.2
Reach C: From the third bend in the channel, approximately 300 feet seaward of Terry Street, to a point approximately 533 feet landward of the channel's fourth bend.	Map 523 Pg 3 of 3; 2-3 April 2013	100	0.24	4	2.5	2.3	2.7

REMARKS:

- All depths in Mean Lower Low Water (project originally authorized to Mean Low Water).
- Channel Length is in nautical miles

BROWNS CREEK

- Reach A:** Shoaling begins in the Left Outside Quarter beginning at the start of the channel and extending approximately 56 feet landward. Shoaling in the Left Outside Quarter also exists approximately 75 feet landward of GREEN FIXED AID #1 and extends the length of the reach landward, covering the width of the quarter. Shoaling begins in the Right Outside Quarter approximately 105 feet landward of GREEN FIXED AID #1 and extends the length of the reach landward, covering the width of the quarter. Shoaling in the Middle Half of the reach begins approximately 175 feet landward of GREEN FIXED AID #1 and continues to the end of the reach covering the majority of the width.
- 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 692 feet of this reach. Shoaling in the Right Outside Quarter exists approximately 50 feet landward of the second bend of the channel and extends until the end of the reach covering the entire width. Shoaling in the Left Outside Quarter exists approximately 445 feet landward of the second bend in the channel and extends to the end of the reach covering all of the width. Shoaling in the Middle Half exists approximately 435 feet landward of the second bend in the channel and extends to the end of the reach covering the majority of the width.
- Reach C:** Shoaling exists throughout the width of Left and Right Outside Quarters from the start of the reach and extending approximately 760 feet landward. The majority of the Middle Half is shoaled from the beginning of the reach and extending approximately 640 feet landward. Project depth is available in the remaining portion of the reach except for a small shoal in the middle half that begins approximately 250 feet seaward of the end of the reach and extends approximately 70 feet landward with the width of approximately 15 feet.