

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-306)					PAGE 1 OF 1			
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: Mattituck Harbor, 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 L.I. Sound to the end of the 100 feet project. MILE 0.0 TO MILE 0.36	Map 51 Pg 2, 3 of 8; 27- 28 June 2006	100	0.31	7	5.9	6.5	1.4	
REPORT OF CHANNEL CONDITIONS <100 FEET WIDE						80% OF CHANNEL WIDTH (feet)		
Reach B: From 250 ft after first bend 550 feet landward MILE 0.36 TO MILE 0.48	Map 51 Pg 3 of 8; 27- 28 June 2006	80	0.09	7		8.5		
Reach C : From 800 ft after first bent to Old Mill Road MILE 0.48 TO MILE 0.96	Map 51 Pg 3, 4, 5 of 8; 27- 28 June 2006	80	0.40	7		4.9		
Reach D: From Old Mill Road to Turning Basin MILE 0.96 TO MILE 2.15	Map 51 Pg 5, 6, 7, 8 of 8; 27- 28 June 2006	80	1.07	7		4.6		
TURNING BASIN					LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
Turning Basin: From the confluence with Long Creek 570 ft long landward MILE 2.15 TO MILE 2.26	Map 51 Pg 8 of 8; 27- 28 June 2006	460	0.09	7	7.7	7.5	7.7	5.5
REMARKS:								
<ul style="list-style-type: none"> • All depths in MLW. • Channel length is in nautical miles. ○ Reach A: Two large shoals start approx.100 ft seaward of Green Buoy #1 and extend landward for 900 ft across the entire channel width. Two minor shoals exist along the channel lines at the bend. ○ Reach B: No shoal in the mid 80% of the channel ○ Reach C: Shoaling begins 650' ft seaward from Old Mill Road, along the left channel line, and extends landward for 350 ft with width of 10 - 30 ft. A small high spot shoal occupies the right half of the channel at a distance approx. 100 ft downstream of the Old Mill Road. ○ Reach D: A major shoal begins at the right side of the channel, approx 1,800 ft upstream of Old Mill Road and extends 600 ft landward, gradually widens to 80% of the channel width then gradually narrows. Shoals begin at both sides of the channel approx. 3,600 ft landward from Old Mill Road and extend 600 ft landward with maximum width up to 30% of channel's width. A 400 ft shoal exists along the left channel line just downstream of the Turning Basin with a maximum width of 30 ft. ○ Turning Basin: A 150 ft shoal, with a maximum width of 30 ft along the right channel line. 								