

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE	1	OF	2
TO: The Record					DATE: 17 June 2021			
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 (n miles)	DEPTH (feet)				
Reach A: Begins in the Long Island Sound at approximately 95 feet seaward of RED NUN #2 W/LIGHT EBB, and continues to the end of the 100 foot width project, approximately 500 feet landward of GREEN CAN #3 SLACK.	Request No. 5056/AL; Sht 1-2 of 8; 4 May 2021, 7-8 June 2021	100	0.31	7	9.8	1.5	+2.9	
REPORT OF CHANNEL CONDITIONS <100 FEET WIDE					80% OF CHANNEL WIDTH (feet)			
Reach B: From approximately 500 feet landward of GREEN CAN #3 SLACK to approximately 2,400 feet landward of the beginning of this reach.	Request No. 5056/AL; Sht 2-3 of 8; 4 May 2021, 7-8 June 2021	80	0.39	7		6.2		
Reach C: From the end of Reach B to approximately 1,210 feet landward of the beginning of this reach.	Request No. 5056/AL; Sht 3-4 of 8; 4 May 2021, 7-8 June 2021	80	0.21	7		+0.1		
Reach D: From the end of Reach C to approximately 61 feet seaward of ANCHORAGE AREA BUOY FLOOD at the entrance to the anchorage.	Request No. 5056/AL; Sht 4-8 of 8; 4 May 2021, 7-8 June 2021	80	0.91	7		3.9		
Anchorage		AUTHORIZED PROJECT			MINIMUM DEPTH IN CHANNEL (feet)			
		WIDTH (feet)	AREA (acres)	DEPTH (feet)				
Anchorage: Commences from 61 feet seaward of ANCHORAGE AREA BUOY FLOOD at the entrance to the anchorage, and extends approximately 670 feet landward.	Request No. 5056/AL; Sht 8 of 8; 4 May 2021, 7-8 June 2021	460	6.6	7	2.0			
REMARKS:								
<ul style="list-style-type: none"> All reported depths are relative to Mean Lower Low Water (MLLW) datum. Channel reach lengths are in nautical miles. 								
MATTITUCK HARBOR:								
<ul style="list-style-type: none"> Reach A: <ul style="list-style-type: none"> Shoaling exists along the channel's toe in the Right Outside Quarter, commencing approximately 200 feet landward of GREEN CAN #3 SLACK until the landward end of the reach. The controlling depth of +2.9 feet MLLW exists in the Right Outside Quarter at approximately 245 feet seaward of the end of the reach. Reach B: <ul style="list-style-type: none"> Edge shoaling exists intermittently in the Left and Right 10%, extending into the Middle 80% of this reach. The controlling depth of -6.2 feet MLLW exists in the Middle 80% at approximately 70 feet landward of RED SPAR (PRIVATE) EBB. Reach C: <ul style="list-style-type: none"> Edge shoaling exists intermittently in the Left and Right 10% extending into the Middle 80% of this reach. A shoal exists in the Middle 80%, commencing approximately 40 feet seaward of the end of the reach and extends until the end of the reach. The controlling depth of +0.1 feet MLLW exists in the Middle 80% approximately 5 feet seaward of the end of the reach. Reach D: <ul style="list-style-type: none"> Shoaling exists intermittently in the Left and Right 10% extending into the Middle 80% of this reach. The controlling depth of -3.9 feet MLLW exists in the Middle 80% at approximately 330 feet landward of GREEN SPAR (PRIVATE) FLOOD. 								

MATTITUCK HARBOR:

- **Anchorage:**
 - Shoaling exists intermittently along the anchorage's toe in the seaward half of this reach.
 - The controlling depth of -2.0 feet MLLW exists at approximately 90 feet landward of the ANCHORAGE AREA BUOY FLOOD.