

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 2		
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 (n miles)	DEPTH (feet)			
Reach A: Begins in the Long Island Sound at approximately 100 feet seaward of RED NUN #2 W/LIGHT EBB and continues to the end of the 100 foot width project, approximately 440 feet landward of GREEN CAN #3 EBB.	File No. 5503/N4; Sheets 2 - 4 of 11; 25 & 26 Nov. 2024	100 - 80	0.31	7	9.2	0.5	+3.4
REPORT OF CHANNEL CONDITIONS <100 FEET WIDE					LEFT 10% OF CHANNEL WIDTH (feet)	80% OF CHANNEL WIDTH (feet)	RIGHT 10% OF CHANNEL WIDTH (feet)
Reach B: From approximately 440 feet landward of GREEN CAN #3 EBB to approximately 2,450 feet landward of the beginning of this reach.	File No. 5503/N4; Sheets 4 & 5 of 11; 25 & 26 Nov. 2024	80	0.39	7	2.8	6.8	6.0
Reach C: From the end of Reach B to approximately 1,180 feet landward of the beginning of this reach.	File No. 5503/N4; Sheets 5 & 6 of 11; 25 & 26 Nov. 2024	80	0.21	7	6.2	0.4	0.6
Reach D: From the end of Reach C to approximately 5,560 feet landward of the beginning of this reach at the entrance to the anchorage.	File No. 5503/N4; Sheets 6 - 10 of 11; 25 & 26 Nov. 2024	80	0.91	7	5.6	1.5	+0.3
Anchorage		AUTHORIZED PROJECT			MINIMUM DEPTH IN CHANNEL (feet)		
		WIDTH (feet)	AREA (acres)	DEPTH (feet)			
Reach E (Anchorage): From the end of Reach D at the entrance to the anchorage and extends approximately 670 feet landward.	File No. 5503/N4; Sheets 10 & 11 of 11; 25 & 26 Nov. 2024	80 - 460	6.69	7	3.1		
REMARKS:							
<ul style="list-style-type: none"> All reported depths are relative to the 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 140 feet landward of GREEN CAN #3 EBB until the landward end of the reach. The shoal also widens into the Middle Half of the channel at the channel's bend. The controlling depth of +3.4 feet MLLW exists in the Right Outside Quarter at a point approximately 235 feet landward of GREEN CAN #3 EBB. Reach B: <ul style="list-style-type: none"> Edge shoaling exists intermittently in the Left and Right 10% of the channel, extending into the Middle 80% of the channel in this reach. The controlling depth of -2.8 feet MLLW exists in the Left 10% of the channel at a point approximately 580 feet landward of GREEN CAN #3 EBB. 							

MATTITUCK HARBOR:

- **Reach C:**
 - Edge shoaling exists intermittently in the Left and Right 10% of the channel, extending into the Middle 80% of the channel in this reach.
 - Due to the presence of a hard object, elevations above the authorized project depth exist in the Middle 80% of the channel, commencing approximately 50 feet seaward of the end of the reach, and extending to the end of the reach.
 - The controlling depth of -0.4 feet MLLW exists in the Middle 80% of the channel, approximately 25 feet seaward of the end of the reach.

- **Reach D:**
 - Shoaling exists intermittently in the Left and Right 10% of the channel, extending into the Middle 80% of the channel in this reach.
 - The controlling depth of +0.3 feet MLLW exists in the Right 10% of the channel, approximately 10 feet landward of the beginning of the reach.

- **Reach E (Anchorage):**
 - In the seaward half of this reach, shoaling exists along both the Left and Right toe of the anchorage.
 - The controlling depth of -3.1 feet MLLW exists along the Right toe of the anchorage, approximately 565 feet seaward of the end of the reach.