

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-520)**

PAGE 1 OF 1 PAGES

DATE: **July 1, 2013**

TO:

FROM:



Digitally signed by
PRESTON.JEFFREY.W.1228574348
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=USA, cn=PRESTON.JEFFREY.W.1228574348
Date: 2013.07.01 08:38:50 -04'00'

RIVER/HARBOR NAME AND STATE: Mill River, New Haven, CT
Dwg. No. NHH-917, Sheet(s) 1 of 1, Dated 1 July 2013

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 Nautical (miles)	MLLW DEPTH (feet)			
<u>CONDITION SURVEY</u>							
<u>12-Foot Channel</u>							
From approximately 1,350' seaward of the Chapel street Bridge upstream to the Chapel Street Bridge	5/11	550 to 200	.22	12.0	(1) 7.5	7.4	(2) 6.4
Thence upstream 300' through the bridge draw	5/11	200	.05	12.0	(3) 8.4	(4) West Side 8.6' East side 10.1'	(5) 11.6
Thence upstream 260' to the confluence of the east and west branches	5/11	200	.04	12.0	(6) 8.9	8.1	(7) 12.0
<u>East Branch</u>							
Thence upstream 270' to beginning of 100' wide channel	5/11	200 to 100	.04	12.0	10.1	11.1	10.8
Thence upstream 960' to end of channel	5/11	100	.16	12.0	2.1	1.8	1.2
<u>West Branch</u>							
From confluence upstream 1,570' to end of channel	5/11	285 to 75	.26	12.0	4.6	4.8	(8) 6.2

GENERAL NOTE: The information shown on this sheet(s) represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

FOOT NOTES:

- (1). Except for shoaling to 7.1' within 15' of channel limit.
- (2). Except for shoaling to 5.7' within 15' of channel limit.
- (3). Except for shoaling to 7.7' within 10' of channel limit.
- (4). Except for shoaling to 6.2' within 25' of both the north and south fenders of Chapel Street Bridge
- (5). Except for shoaling to 10.0' within 15' of channel limit.
- (6). Except for shoaling to 6.6' within 15' of channel limit.
- (7). Except for shoaling to 9.5' within 15' of channel limit.
- (8). Except for shoaling to 3.9' within 20' of end of channel.