

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-306)**

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DATE November 4, 2010

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:
East Chester 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 C (Partial): Begins approximately 1,500 feet seaward of the New England Thruway Bridge to approximately 700 feet seaward of the Boston Post Road Bridge.	Map 59 Sheet 1 thru 3 of 5; 18,19,23-25 August 2010	70-195	0.37	8	+2.3*	4.7	+0.1

**REPORT OF CHANNEL CONDITIONS
<100 FEET WIDE
(ER 1130-2-306)**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			80% OF CHANNEL WIDTH (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)	
Reach D: Begins approximately 700 feet seaward of the Boston Post Road Bridge to approximately 300 feet landward of the Fulton Ave Bridge,	Map 59 Sheet 3 thru 5 of 5; 18,19,23-25 August 2010	70	0.55	8	0.8

REMARKS:

- All depths in MLW.
- Channel length is in nautical miles.
- Portions of the area (**Reach C (Partial) and Reach D**) evaluated under the subject CDR, from approximately 1,500 feet seaward of the New England Thruway to approximately 300 feet above the Fulton Ave Bridge, were dredged in August 2010.
- For the remaining area (Reaches A, B and C(Partial)) of the East Chester Creek, see October 2009 CDR.
- The "Y" portion of this project, Reaches E and F, has been de-authorized by the provision of the Water Resources Development Act of 1986; therefore, these reaches shown on sheet 14 (Oct 2009 CDR), were not evaluated.

*The survey indicates a depth of +2.3 feet immediately adjacent to the bridge abutment of the New England Thruway. However, it should be noted that it is unlikely users would be transiting that close to the bridge abutment.

EAST CHESTER CREEK:

- **Reach C (Partial):** Shoaling exists in the entire Left Outside Quarter and partially in the Right Outside Quarter throughout much of this partial reach. Project depth is available for a width of approximately 45 feet or greater throughout the entire length of this partial reach.
- **Reach D:** Project depth is available throughout much of the 80% mid channel width except for the area between the overhead gas pipeline and the Fulton Ave Bridge where project depth is available for a path of approximately 10 to 20 feet wide.