REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE *(ER 1130-2-306)*	PAGE 1 OF 1 DATE 17 June 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:
Keyport Harbor and Matawan Creek, New Jersey

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)	LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
KEYPORT HARBOR							
Reach A: Commences approximately 175 feet seaward of GREEN LIGHT #3 in Raritan Bay, to the first bend in the channel at approximately GREEN CAN #7 and RED LIGHT #8	Map 82; Pg 1&2 of 3; 6 & 7 April 2010	200	0.55	8	7.2	7.3	6.9
Reach B: Commences at the first bend in the channel, at approximately GREEN CAN #7 and RED LIGHT #8, and continues to the end of the Keyport Harbor Channel, at approximately RED CAN #12	Map 82; Pg 1 of 3; 6 & 7 April 2010	200 – 100	0.31	8	4.6	5.5	5.0
MATAWAN CREEK							
Reach A: Commences from the end of Keyport Harbor channel, at approximately RED NUN #12, and continues approximately 3225 feet to approximately the center of Amboy Ave – Front Street Bridge	Map 82; Pg 1&3 of 3; 6 & 7 April 2010	100 – 40	0.54	4	3.8	4.2	3.9
Partial Reach B: Commences from approximately the center of the Amboy Ave – Front Street Bridge, and continues approximately 1200 feet (approximately 275 feet seaward of the Route 35 bridge).	Map 82; Pg 3 of 3; 6 & 7 April 2010	40 – 100	0.20	4	3.2	2.3	1.2

REMARKS:

- All depths in Mean Low Water (MLW)
- Channel Length is in nautical miles

KEYPORT HARBOR

- **Reach A:** Shoaling exists across the width of the reach beginning at Green Can #5 and continues to the end of the reach.
- **Reach B:** The entire reach is shoaled in.

MATAWAN CREEK

- **Reach A:** Minor shoals exist in Right Outside Quarter approximately 430 feet landward of RED CAN # 12. Minor shoaling on outer edge of Left Outside Quarter approximately 1500 feet landward of RED CAN #12 near the second bend.
- **Reach B:** There is a channel wide shoal that begins approximately 350 feet landward of the Amboy Ave – Front Street Bridge for approximately 250 feet and continues along the Middle Half and Right Outside Quarter for an additional 150 feet.