REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE *(ER 1130-2-306)*	PAGE 1 OF 1 DATE 28 August 2012

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 200 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 83; Pg 1&2 of 3; 30 July and 1,6,7 August 2012	200	0.55	8	6.8	6.9	6.4
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 83; Pg 1 of 3; 30 July and 1,6,7 August 2012	200 – 100	0.31	8	4.6	5.2	4.8
MATAWAN CREEK							
Reach A: Commences from the end of Keyport Harbor channel, at approximately RED CAN #12, and continues approximately 3225 feet to approximately the center of Amboy Ave – Front Street Bridge	Map 83; Pg 1&3 of 3; 30 July and 1,6,7 August 2012	100 – 40	0.54	4	3.4	3.9	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 83; Pg 3 of 3; 30 July and 1,6,7 August 2012	40 – 100	0.20	4	3.4	1.7	1.1

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 approximately 275 feet landward of 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 along the outer edge of the Right Outside Quarter beginning approximately 500 feet landward of RED CAN # 12. Minor shoaling also exists along the outer edge of the Left Outside Quarter beginning approximately 800 feet landward of RED CAN #12 near the second bend.
- **Reach B:** There is a channel wide shoal that begins approximately 300 feet landward of the Amboy Ave – Front Street Bridge and continues for approximately 175 feet, and then continues along the Middle Half and Right Outside Quarter for an additional 250 feet.