

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

PAGE 1 **OF** 1
DATE 14 September 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:
Newark Bay, Hackensack and Passaic Rivers – Passaic River, New Jersey

**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 A: Kearny Pt. Reach Begins at the junction between the Hackensack and Passaic Rivers at a point approximately 450 feet seaward of JUNCTION BEACON "NB" to a point approximately 1,930 feet landward of RED NUN #4.	Map 916 Pg 1 thru 2 of 14; 9, 10, 15-18 June, & 16 July 2010	300	1.01	30	13.1	13.9	10.3
Reach B: Point No Point Reach From a point approximately 1,930 feet landward of RED #4 to a point approximately 1,000 feet seaward of the NEW JERSEY TURNPIKE BRIDGE or approximately 4,100 feet landward of YELLOW CAN W/ LIGHT EBB.	Map 916 Pg 2 thru 5 of 14; 9, 10, 15-18 June, & 16 July 2010	300	1.13	30	+0.1	4.5	8.5
Reach C: Harrison Reach From a point approximately 1,000 feet seaward of the NEW JERSEY TURNPIKE BRIDGE to a point at JACKSON ST BRIDGE in Harrison, NJ approximately 620 feet landward of YELLOW BUOY W/ LIGHT FLOOD.	Map 916 Pg 5 thru 8 of 14; 9, 10, 15-18 June, & 16 July 2010	300	1.87	20	+0.6	5.1	1.0
Reach D: Newark Reach From a point at JACKSON ST BRIDGE in Harrison, NJ to a point at CLAY ST BRIDGE in Newark, NJ.	Map 916 Pg 8 thru 11 of 14; 9, 10, 15-18 June, & 16 July 2010	300	1.28	20*	0.7	5.6	+0.7
Reach E: Kearny Reach From a point at CLAY ST BRIDGE in Newark, NJ to a point where the river narrows to 200 feet wide and the project depth becomes 16 feet approximately 2,550 feet seaward of RED NUN #12.	Map 916 Pg 11 thru 13 of 14; 9, 10, 15-18 June, & 16 July 2010	300	0.85	20*	+0.1	6.9	+0.5
Reach F: Arlington Reach From a point where the river narrows to 200 feet wide and the project depth becomes 16 feet approximately 2,550 feet seaward of RED NUN #12 to a point at the E.R.R. BRIDGE in Arlington, NJ where the project depth becomes 10 feet.	Map 916 Pg 13 & 14 of 14; 9, 10, 15-18 June, & 16 July 2010	200 – 250	0.89	16	3.1	8.6	+0.2
Partial Reach G: Belleville Reach From a point at the E.R.R. BRIDGE in Arlington, NJ to a point approximately 970 feet landward of the start of this Reach G.	Map 916 Pg 14 of 14; 9, 10, 15-18 June, & 16 July 2010	235 – 205	0.16	10	0.9	2.5	7.6

REMARKS:

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

PASSAIC RIVER

- **All Reaches:** Shoaling occupies the entire length and width of all channel reaches described above. Authorized project depths are available only in a few isolated areas.

* Reaches D & E were never completed to a 20 foot depth. Previous dredging was to 16 feet only.