

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

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DATE August 6, 2008

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 2,250 feet seaward of RED LIGHT #2 to a point approximately 1,900 feet landward of RED #4.	Map 891 Pg 1 thru 2 of 14; 5 - 8, 23 & 27 May 2008	300	1.01	30	12.9	14.2	10.8
Reach B: Point No Point Reach From a point approximately 1,900 feet landward of RED #4 to a point approximately 600 feet seaward of the GENERAL PULASKI SKY WAY.	Map 891 Pg 2 thru 5 of 14; 5 - 8, 23 & 27 May 2008	300	1.13	30	+0.5	4.0	8.6
Reach C: Harrison Reach From a point approximately 600 feet seaward of the GENERAL PULASKI SKY WAY to a point at JACKSON ST BRIDGE in Harrison, NJ.	Map 891 Pg 5 thru 8 of 14; 5 - 8, 23 & 27 May 2008	300	1.87	20	+0.7	3.7	0.7
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 891 Pg 8 thru 11 of 14; 5 - 8, 23 & 27 May 2008	300	1.28	20*	+0.3	6.6	+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 at Nairn Linoleum Works.	Map 891 Pg 11 thru 13 of 14; 5 - 8, 23 & 27 May 2008	300	0.85	20*	+0.7	6.8	+0.7
Reach F: Arlington Reach From a point where the river narrows to 200 feet wide and the project depth becomes 16 feet at Nairn Linoleum Works to a point at the E.R.R. BRIDGE in Arlington, NJ.	Map 891 Pg 13 thru 14 of 14; 5 - 8, 23 & 27 May 2008	200 – 250	0.89	16	6.6	8.7	0.1
Partial Reach G: Belleville Reach From a point the E.R.R. BRIDGE in Arlington, NJ to a point approximately 1,000 feet landward of the start of this Reach G.	Map 891 Pg 14 of 14; 5 - 8, 23 & 27 May 2008	235 – 205	0.16	10	+0.8	2.9	10.7

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.