

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

PAGE 1 **OF** 1

DATE 30 April 2014

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 1,700 feet landward of RED NUN #4.	Map 942 Pg 1 thru 2 of 14; 6, 13-15, 25-26, Nov. 2013, 2, 6, 11-12, Dec. 2013, 25 Feb. 2014, 20-21, 24 Mar. 2014	300	1.00	30	13.8	13.7	9.5
Reach B: Point No Point Reach From a point approximately 1,700 feet landward of RED NUN #4 to a point approximately 1,000 feet seaward of the NEW JERSEY TURNPIKE BRIDGE.	Map 942 Pg 2 thru 5 of 14; 6, 13-15, 25-26, Nov. 2013, 2, 6, 11-12, Dec. 2013, 25 Feb. 2014, 20-21, 24 Mar. 2014	300 - 345	1.13	30	0.9	5.5	9.9
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.	Map 942 Pg 5 thru 8 of 14; 6, 13-15, 25-26, Nov. 2013, 2, 6, 11-12, Dec. 2013, 25 Feb. 2014, 20-21, 24 Mar. 2014	300 - 390	1.87	20	+0.4	5.4	0.5
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 942 Pg 8 thru 11 of 14; 6, 13-15, 25-26, Nov. 2013, 2, 6, 11-12, Dec. 2013, 25 Feb. 2014, 20-21, 24 Mar. 2014	200 - 300	1.28	20*	0.5	8.5	2.6
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.	Map 942 Pg 11 thru 13 of 14; 6, 13-15, 25-26, Nov. 2013, 2, 6, 11-12, Dec. 2013, 25 Feb. 2014, 20-21, 24 Mar. 2014	300	0.85	20*	0.5	9.0	+1.1
Reach F: Arlington Reach From a point where the river narrows to 200 feet wide and the project depth becomes 16 feet to a point at the E.R.R. BRIDGE in Arlington, NJ where the project depth becomes 10 feet.	Map 942 Pg 13 & 14 of 14; 6, 13-15, 25-26, Nov. 2013, 2, 6, 11-12, Dec. 2013, 25 Feb. 2014, 20-21, 24 Mar. 2014	200 – 250	0.89	16	2.7	8.6	0.8
Partial Reach G: Belleville Reach From a point at the E.R.R. BRIDGE in Arlington, NJ to a point approximately 1000 feet landward of the start of this Partial Reach G.	Map 942 Pg 14 of 14; 6, 13-15, 25-26, Nov. 2013, 2, 6, 11-12, Dec. 2013, 25 Feb. 2014, 20-21, 24 Mar. 2014	235 – 150	0.16	10	0.2	3.7	8.3

REMARKS:

- All depths are in reference to Mean Lower Low Water (project originally authorized to Mean Low Water).
- 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 few isolated areas.

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