

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE**

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TO: The Record

FROM:
U.S. Army Corps of Engineers
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RIVER/HARBOR NAME AND STATE:
Newark Bay, Hackensack & Passaic Rivers; Passaic River, NJ

**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 Point Reach Begins at the junction between the Hackensack and Passaic Rivers at a point approximately 430 feet seaward of RED/GREEN DAY MARKER W/LIGHT to a point approximately 1,925 feet landward of RED NUN #4.	File No. 976 Pgs 1 & 2 of 14; 8-9 NOV 2016 8,14,16-17,28 DEC 2016	300	1.00	30	15.1	14.2	9.4
Reach B: Point No Point Reach From a point approximately 1,925 feet landward of RED NUN #4 to a point approximately 1,000 feet seaward of the NEW JERSEY TURNPIKE BRIDGE.	File No. 976 Pgs 2 - 5 of 14; 8-9 NOV 2016 8,14,16-17,28 DEC 2016	300 - 340	1.13	30	0.9	7.8	9.7
Reach C: Harrison Reach From a point approximately 1,000 feet seaward of the NEW JERSEY TURNPIKE BRIDGE to JACKSON STREET BRIDGE in Harrison, NJ.	File No. 976 Pgs 5 - 8 of 14; 8-9 NOV 2016 8,14,16-17,28 DEC 2016	300 - 385	1.87	20	+1.8	4.2	1.0
Reach D: Newark Reach From the JACKSON STREET BRIDGE in Harrison, NJ to the CLAY STREET BRIDGE in Newark, NJ.	File No. 976 Pgs 8 - 11 of 14; 8-9 NOV 2016 8,14,16-17,28 DEC 2016	170 - 300	1.28	20*	5.6	9.9	+0.7
Reach E: Kearny Reach From the CLAY STREET BRIDGE in Newark, NJ to a point where the channel narrows to 200 feet wide and the authorized project depth becomes 16 feet.	File No. 976 Pgs 11-13 of 14 8-9 NOV 2016 8,14,16-17,28 DEC 2016	300	0.85	20*	0.5	7.0	+0.2
Reach F: Arlington Reach From a point where the channel narrows to 200 feet wide and the authorized project depth becomes 16 feet to the E.R.R. BRIDGE in Arlington, NJ where the authorized project depth becomes 10 feet.	File No. 976 Pgs 13&14 of 14; 8-9 NOV 2016 8,14,16-17,28 DEC 2016	200 - 250	0.89	16	6.2	8.6	1.1
Partial Reach G: Belleville Reach Survey coverage begins at the E.R.R. BRIDGE in Arlington, NJ, and extends to a point approximately 1,100 feet landward of the beginning of this reach.	File No. 976 Pg 14 of 14; 8-9 NOV 2016 8,14,16-17,28 DEC 2016	235 - 150	1.43	10	0.0	4.6	11.5

REMARKS:

- All reported depths are relative to Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.
- *Reaches D & E were never completed to a 20 foot depth. Previous dredging was to 16 feet only.

PASSAIC RIVER

- **Reach A:** Shoaling occupies the entire length and width of this reach.
- **Reach B:** Shoaling occupies the entire length and width of this reach.
- **Reach C:** Shoaling exists throughout the majority of the length and width of this reach. Project depth becomes available sporadically in areas throughout this reach.
- **Reach D:** Shoaling occupies the majority of this reach. Project depth becomes available sporadically in areas throughout this reach; mostly in the Left Outside Quarter and the Middle Half of the channel.
- **Reach E:** Shoaling occupies the majority of this reach.
- **Reach F:** Shoaling exists throughout the majority of the length and width of this reach. Project depth is available in the Right Outside Quarter and Middle Half of the channel for approximately the first 1,140 feet of this reach. Thence, project depth is available sporadically in areas throughout the remainder of this reach.
- **Partial Reach G:** Shoaling exists throughout much of this entire partial reach. A navigable path where project depth is available exists in the Right Outside Quarter and Middle Half of the channel, and becomes as narrow as approximately 90 feet.