

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

TO: The Record

FROM:
U.S. Army Corps of Engineers
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RIVER/HARBOR NAME AND STATE:
Newark Bay, Hackensack and Passaic Rivers; Hackensack 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 D: Route #3 Highway Reach: From the northeastern limit of the Turning Basin (lower limit of the 15 foot project); to the Route #3 Highway Bridge.	Map 212 Pgs 1 - 9 of 21; 02-10 June 2015	200	4.17	15	11.61	13.12	13.48
Reach E: Overpeck Creek Reach: From the Route #3 Highway Bridge; to a point approximately 1,620 feet seaward (south) of the Route #46 (Winant Ave) Bridge.	Map 212 Pgs 9 - 17 of 21; 02-10 June 2015	200	4.31	15	1.28	5.22	1.21
Reach F: Court St. Bridge Reach: From a point approximately 1,620 feet seaward (south) of the Route #46 (Winant Ave) Bridge; to the Court St. Bridge.	Map 212 Pgs 17 - 20 of 21; 02-10 June 2015	200 - 150	2.23	15	+0.33	3.15	+1.31
Reach G: NYS & WRR Bridge Reach: From the Court St. Bridge; to the NYS & WRR Bridge.	Map 212 Pgs 20 - 21 of 21; 02-10 June 2015	150	0.14	15	5.71	3.15	4.13

REMARKS:

- All reported depths are relative to the Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.
- *Reaches D, E, F, & G were never completed to a 15 foot depth.

HACKENSACK RIVER

- **Reach D:** Authorized depth is available across the channel's entire width for the majority of this reach. Shoaling exists in the Left Outside Quarter and the Middle Half of the channel for approximately the first 1,520 feet of this reach. Shoaling also exists from a point approximately 5,000 feet seaward of the Route #3 Highway Bridge to a point approximately 3,500 feet seaward of the same. This shoal becomes as wide as the channel's entire width.
- **Reach E:** Authorized depth is available across much of the channel's entire width, for much of approximately the first 4 miles of this reach; however, within these parameters, shoaling does exist in the Left Outside Quarter, the Middle Half, and Right Outside Quarter of the channel. This shoal becomes as wide as the channel's entire width. Thence, shoaling exists across the channel's entire width for the majority of the remaining approximately 4,800 feet of this reach.
- **Reach F:** Shoaling exists across the channel's entire width for the majority of this reach.
- **Reach G:** Shoaling exists across the channel's entire width for the majority of this reach.