

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 1		
					DATE 16 July 2015		
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 Point Reach Begins at the junction between the Hackensack and Passaic Rivers at a point approximately 425 feet seaward of JUNCTION BEACON "NB" to a point approximately 1,930 feet landward of RED NUN #4.	Map 954 Pgs 1 & 2 of 14; 2-11 January 2015, 24 March 2015	300	1.00	30	13.5	13.9	9.5
Reach B: Point No Point Reach From a point approximately 1,930 feet landward of RED NUN #4 to a point approximately 1,000 feet seaward of the NEW JERSEY TURNPIKE BRIDGE.	Map 954 Pgs 2 - 5 of 14; 2-11 January 2015, 24 March 2015	300 - 345	1.13	30	1.4	5.3	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.	Map 954 Pgs 5 - 8 of 14; 2-11 January 2015, 24 March 2015	300 - 390	1.87	20	2.3	5.0	1.7
Reach D: Newark Reach From the JACKSON STREET BRIDGE in Harrison, NJ to the CLAY STREET BRIDGE in Newark, NJ.	Map 954 Pgs 8 - 11 of 14; 2-11 January 2015, 24 March 2015	200 - 300	1.28	20*	3.1	6.9	4.3
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.	Map 954 Pgs 11 - 13 of 14; 2-11 January 2015, 24 March 2015	300	0.85	20*	2.0	6.1	1.3
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.	Map 954 Pgs 13 & 14 of 14; 2-11 January 2015, 24 March 2015	200 – 250	0.89	16	5.2	8.3	2.6
Partial Reach G: Belleville Reach Partial Survey coverage begins at the E.R.R. BRIDGE in Arlington, NJ to a point approximately 900 feet landward.	Map 954 Pg 14 of 14; 2- 11 January 2015, 24 March 2015	235 – 150	1.45	10	0.2	0.9	3.9
REMARKS: <ul style="list-style-type: none"> All depths are relative to Mean Lower Low Water. The 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 <ul style="list-style-type: none"> 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: The majority of this reach is shoaled in, with limited areas where project depth is available in the outside quarters. Reach D: Shoaling occupies the majority of this reach. Limited areas where project depth is available occur throughout this reach, mostly in the Left Outside Quarter and the Middle Half. Reach E: Shoaling occupies the majority of this reach. Project depth is available in several small areas in the Middle Half of the reach and for approximately 425 feet at the end of this reach in the Middle Half and Right Outside Quarter. Reach F: Project depth is available in the Right Outside Quarter and Middle Half of this reach for approximately 1,100 feet at the start of this reach. Thence, there is shoaling across the entire width and length of the remainder of the reach. Partial Reach G: Shoaling occupies the Left Outside Quarter and the majority of the Middle Half in this partial reach. 							