

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

**PAGE** 1 **OF** 1

**DATE** 7 October 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 & 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)			
<b>PASSAIC RIVER of Newark Bay, Hackensack &amp; Passaic Rivers Navigation Channels Project</b>							
<b>REACH G (Belleville):</b> From the E.R.R. BRIDGE in Arlington, NJ; to a point approximately 8,685 feet landward in the vicinity of Greylock Avenue in Belleville, NJ.	Map 956 Pgs 1 - 3 of 12; 23 JUN – 01 JUL 2015	150 - 235	1.43	10	+0.6	+0.8	6.4
<b>REACH H (Nutley):</b> From a point in the vicinity of Greylock Avenue in Belleville, NJ where the channel bends westward; to a point in the vicinity of E. White Terrace in Nutley, NJ where the channel takes a hard bend eastward.	Map 956 Pgs 3 - 5 of 12; 23 JUN – 01 JUL 2015	150 - 240	1.19	10	6.3	5.1	+0.5
<b>REACH I (Rutherford):</b> From a point in the vicinity of E. White Terrace in Nutley, NJ where the channel takes a hard bend eastward; to a point in the vicinity of W. Pierrepont Avenue in Rutherford, NJ approximately 2,960 feet landward of the Conrail Lyndhurst Rail Bridge.	Map 956 Pgs 5 - 7 of 12; 23 JUN – 01 JUL 2015	150	1.01	10	5.0	5.8	2.2
<b>REACH J (Wallington):</b> From a point in the vicinity of W. Pierrepont Avenue in Rutherford, NJ approximately 2,960 feet landward of the Conrail Lyndhurst Rail Bridge; to the end of the project at the 8 <sup>th</sup> Street Bridge in Wallington, NJ.	Map 956 Pgs 7 - 12 of 12; 23 JUN – 01 JUL 2015	150	2.62	10	+2.4	+0.3	+2.1

**REMARKS:**

- All reported depths are relative to Mean Lower Low Water datum.
- Channel reach lengths are in nautical miles.

**PASSAIC RIVER**

- **Reach G:** Shoaling including areas of positive elevation, exists along the channel's toe in the Left Outside Quarter and the Middle Half of the channel beginning approximately 30 feet landward from the start of Reach G at the E.R.R Bridge and continues landward approximately 1,430 feet landward with a maximum width of approximately 130 feet. Shoaling also exists along the channel's toe sporadically in both the Right Outside and Left Outside Quarters throughout much of this reach.
- **Reach H:** Shoaling exists along the channel's toe in both the Right Outside and Left Outside Quarters throughout much of approximately the first 600 feet of this reach. Shoaling including areas of positive elevation, also exists along the channel's toe in the Right Outside Quarter and Middle Half of the channel beginning approximately 700 feet landward of the start of this reach and continuing landward to the end of this reach. Shoaling exists in the Left Outside Quarter and Middle Half of the channel beginning approximately 2,750 feet landward of the start of this reach, and continuing approximately 550 feet landward.
- **Reach I:** Shoaling exists throughout much of the channel's entire width for approximately the first 2,000 feet of this reach. Shoaling also exists along the channel's toe in the Left Outside and Right Outside Quarters for the majority of this reach, and in various locations extends into the Middle Half of the channel.
- **Reach J:** Shoaling exists along the channel's toe in the Left Outside Quarter for approximately the first 5,650 feet of this reach, having a maximum width of approximately 50 feet. Shoaling exists along the channel's toe in the Right Outside Quarter for the majority of this reach and in various locations it extends into the middle half of the channel. Shoaling including areas of positive elevation, exists throughout much of this entire reach and in many locations across the channel's entire width.