

**REPORT OF CHANNEL CONDITIONS
(FOR CHANNELS 400 FEET WIDE OR GREATER)**

PAGE 1 OF 2 PAGES

DATE 10 December 2024

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:
Harlem River, New York

**MINIMUM DEPTHS IN EACH ¼ WIDTH OF
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (n miles)	DEPTH (feet)				
Reach A: From approximately the seaward end of the Ward's Island Bridge to approximately 625 feet landward of the Third Avenue Bridge	File 5457; Shts 2-6 of 17; 28-29 August & 4-7 September 2024	400	1.60	15	2.7	7.1	4.9	2.5
Reach B: From approximately 625 feet landward of the Third Avenue Bridge to approximately 2,675 feet seaward of the University Heights Bridge	File 5457; Shts 6-12 of 17; 28-29 August & 4-7 September 2024	400-354	3.17	15	0.2	2.4	2.0	1.2
Reach C: From approximately 2,675 feet seaward of University Heights Bridge to the approximate location of the Broadway Bridge	File 5457; Shts 12-15 of 17; 28-29 August & 4-7 September 2024	400-350	1.03	15	2.1	3.4	10.9	0.7
Reach D (18 Foot Project): From the approximate location of the Broadway Bridge to a point approximately 1,250 feet landward of the start of this reach	File 5457; Shts 15-16 of 17; 28-29 August & 4-7 September 2024	350	0.21	18	6.7	15.6	15.7	0.7
Reach D (15 Foot Project): From approximately 1,250 feet landward of the Broadway Bridge to the approximate location of the Henry Hudson Bridge	File 5457; Shts 15-16 of 17; 28-29 August & 4-7 September 2024	350-400	0.54	15	0.6	9.0	13.9	1.3
Reach E: From the approximate location of the Henry Hudson Bridge to the junction of the Harlem River with the Hudson River, approximately 800 feet landward of the beginning of this reach	File 5457; Sht. 17 of 17; 28-29 August & 4-7 September 2024	400	0.10	15	6.0	13.2	9.3	5.3

REMARKS:

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

HARLEM RIVER:

- **Reach A:** Shoaling exists intermittently throughout this reach. Sporadic shoaling exists throughout all four quarters of this reach. The controlling depth of -2.5 feet exists in the Right Outside Quarter approximately 3,750 feet seaward from the landward end of this reach.
- **Reach B:** Edge shoaling exists intermittently throughout this reach. Sporadic shoaling exists throughout all four quarters of this reach. The controlling depth of -0.2 feet exists in the Left Outside Quarter approximately 3,260 feet seaward from the landward end of this reach.
- **Reach C:** Edge shoaling exists intermittently throughout this reach. Sporadic shoaling exists throughout all four quarters of this reach. The controlling depth of -0.7 feet exists in the Right Outside Quarter approximately 2,200 feet seaward from the end of this reach.

- **Reach D (18 Foot Project):** Edge shoaling exists intermittently throughout this reach. Sporadic shoaling exists throughout all four quarters of this reach. The controlling depth of -0.7 feet exists in the Right Outside Quarter approximately 420 feet from the landward end of this reach.
- **Reach D (15 Foot Project):** Edge shoaling exists intermittently throughout this reach. Sporadic shoaling exists throughout all four quarters of this reach at the landward end of the reach. The controlling depth of -0.6 feet exists in the Left Outside Quarter approximately 1,075 feet landward from the beginning of this reach.
- **Reach E:** Shoaling exists in the Left Outside and Inside Quarters and Right Outside and Inside Quarters at the beginning of this reach. The controlling depth of -5.3 feet exists in the Right Outside Quarter at the landward from the beginning of this reach.