



Notice to Navigation Interests

US Army Corps
of Engineers
Buffalo District
1776 Niagara Street
Buffalo, New York 14207-3199

L 12 – 18	October 17, 2012
Notice No.	Date
<hr/>	
Waterway	

Lake Erie, Ohio

LRB-TD-ONS

Condition of Federal Navigation Channel Cleveland harbor - Cuyahoga River, Ohio

1. Condition surveys performed within the Federal Navigation Channel at Cleveland harbor - Cuyahoga River, Ohio during the months of April and May 2012 indicate shoaling has reduced depths to those shown on the attached standard tabular form and channel condition drawings.
2. Soundings are in feet and referred to Low Water Datum (LWD) 569.2 feet above Mean Water Level (MWL) at Rimouski, Quebec (International Great Lakes Datum 1985).
3. Vessel operators are advised to use caution when navigating in this area.
4. Copies of the sounding print for Cleveland harbor - Cuyahoga River, Ohio consisting of (8) sheets, 12S-CYR-1/1 to 1/8, at a cost of \$2.50 per sheet will be furnished upon receipt of a check in the full amount made payable to: USACE Finance and Accounting. Requests should be addressed to: District Commander, U.S. Army Engineer District, Buffalo, ATTN: NY/PA O&M Office, 1776 Niagara Street, Buffalo, New York 14207, requesting exact number or copies of sheets by file number. A point of contact and phone number must be indicated to facilitate response to the request. To download the same information and other related materials at no cost, simply point your web browser to <http://www.lrb.usace.army.mil/WhoWeAre/WaterMgmt/survey/survey.html> click on the year and then locate the harbor on the table of harbors.
5. Buffalo District's point of contact in reference to the exact number of sheets, file number, and the availability of any later information pertaining to the area is Mr. Roman H. Figler III, PLS, Chief, Survey Section, Buffalo District, who may be contacted by phone at 716-879-4429.

Mr. ROMAN H. FIGLER III, PLS
Chief, Survey Section
NY/PA Operations and Maintenance Office

**REPORT OF CHANNEL CONDITIONS
(FOR CHANNELS LESS THAN 400 FEET WIDE)
(ER-1330-2-316)**

PAGE 3 OF 4 PAGES

DATE October 30, 2012

TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS,

FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT
1776 NIAGARA STREET, BUFFALO, NY 14207-3199
(716) 879-4292 FAX (716) 879-4356

RIVER/HARBOR NAME AND STATE
CUYAHOGA RIVER & OLD RIVER, CLEVELAND HARBOR, OHIO

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 (feet)	DEPTH (feet)			
SHALLOWEST DEPTHS AS PER DRAWING					1	2	3
(F) CUYAHOGA RIVER CHANNEL, FROM THE UPSTREAM END OF THE TURNING BASIN TO BRIDGE #23, (UPSTREAM TURNING BASIN, PROJECT LIMIT)	April 2012	200-110	5200 (c)	23	14.5	17.2	10.6
(A) OLD RIVER	MARCH 2011	200-125	5300 (c)	27	10.9(1)	17.5	11.2(2)
(H) OLD RIVER UPPER END	MARCH 2011	120	710 (b)	27	10.5	8.2	7.2(3)
(G) UPSTREAM TURNING BASIN	April 2012	0-600	1000 (b)	18	7.55		

FOOT NOTES;

- (1) Shoaling to 9.4 within 1' of Left limit 41.49694602 N 81.71175249 W
- (2) Shoaling to 8.7 within 4' of Right limit 41.49755105 N 81.7122309 W
- (3) Shoaling to 6.7 within 1' of Right limit 41.49198131 N 81.72167633 W

(b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS;

(c) WINDING RIVER CHANNEL, WIDTHS VARY, NARROWING AT BRIDGES AND WIDENING AT TURNS.

NOAA Chart 14839

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MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD

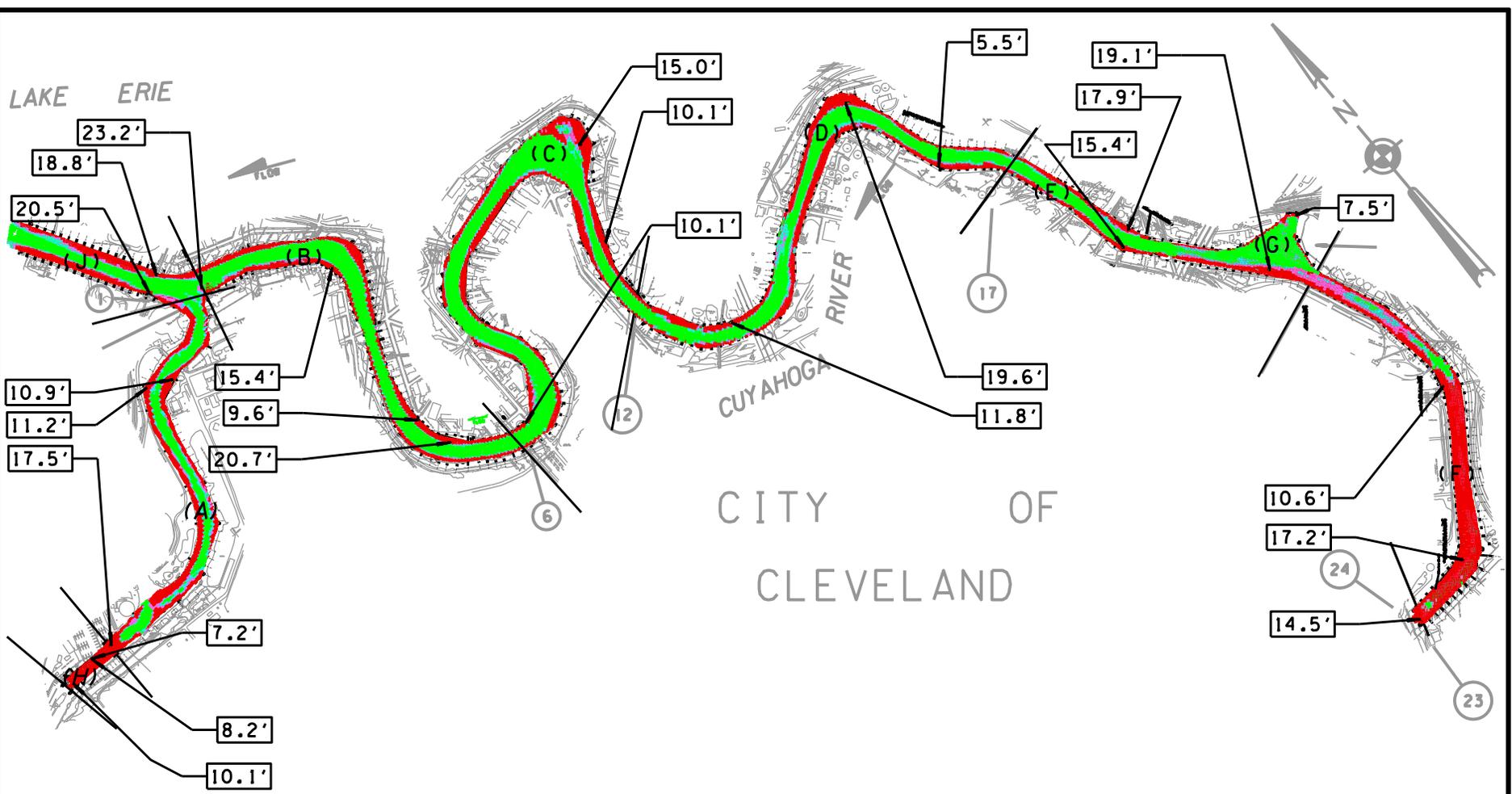
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (feet)	DEPTH (feet)			
SHALLOWEST DEPTHS AS PER DRAWING					1	2	3
(J) CUYAHOGA RIVER CHANNEL, FROM ENTRANCE PAST BRIDGE #1 TO OLD RIVER CONFLUENCE.	MAY 2012	230	1700	27	18.8 (1)	23.2	20.5 (2)
(B) CUYAHOGA RIVER CHANNEL, OLD RIVER CONFLUENCE TO BRIDGE #6.	MAY 2012	250-300	6300 (c)	23	9.6 (3)	20.7	15.4 (4)
(C) CUYAHOGA RIVER CHANNEL, FROM BRIDGE # 6 TO BRIDGE # 12.	APRIL MAY 2012	700-180	5500 (c)	23	10.1 (5)	14.11	10.27 (6)
(D) CUYAHOGA RIVER CHANNEL, FROM BRIDGE #12 TO BRIDGE # 17'S OLD LOCATION **	APRIL 2012	400-120	6400 (c)	14.2	11.8 (7)	19.6	5.4
(E) CUYAHOGA RIVER CHANNEL, FROM BRIDGE #17'S OLD LOCATION TO THE UPSTREAM END OF THE TURNING BASIN.	April 2012	250-110	4000 (c)	23	17.9 (8)	19.1	15.4 (9)

FOOT NOTES

- (1) Shoaling to 16.7 within 1' of Left limit 41.50015992 N 81.70871093 W
- (2) Shoaling to 17.4 within 4' of Right limit 41.49994766 N 81.70953754 W
- (3) Shoaling to 8.7 within 4' of Left limit 41.49099161 N 81.70413031 W
- (4) Shoaling to 9.8 within 0' of Right limit 41.49410992 N 81.70352205 W
- (5) Shoaling to 7.4 within 0' of Left limit 41.491467 N 81.69286623 W
- (6) Shoaling to 7.5 within 2' of Right limit 41.49156851 N 81.69372436 W
- (7) Shoaling to 8.6 within 3' of Left limit 41.4865632 N 81.68996022 W
- (8) Shoaling to 16.0 within 1' of Left limit 41.48060131 N 81.6752471 W
- (9) Shoaling to 13.1 within 1' of Right limit 41.48030956 N 81.67601913 W

REMARKS: (b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS; ** BRIDGE #17 HAS BEEN REMOVED.
(c) WINDING RIVER CHANNEL, WIDTHS VARY, NARROWING AT BRIDGES AND WIDENING AT TURNS.

NOAA Chart 14839



INDEX TO BRIDGES

- 1. N.Y.C. R.R. BRIDGE
- 6. UNION TERMINAL (R.R.) HIGH LEVEL BRIDGE
- 12. LORAIN-CARNEGIE HIGH LEVEL BRIDGE
- 17. ERIE-LAKAWANNA R.R. BRIDGE (REMOVED)
- 23. N.S. RAILWAY BRIDGE NO.3 (L), W. & L.E.R.R.
- 24. NEWBURG & SOUTH SHORE R.R. BRIDGE

LEGEND	
(A) NAME OF CHANNEL SEE REPORT	
← [xx.x]	
MINIMUM DEPTH LOCATION	
	DEPTHS 2.0' OR MORE ABOVE PROJECT DEPTH
	DEPTHS 1.1' TO 2.0' ABOVE PROJECT DEPTH
	DEPTHS 0.1' TO 1.0' ABOVE PROJECT DEPTH
	DEPTHS AT OR BELOW PROJECT DEPTH

CLEVELAND HARBOR, OHIO
CUYAHOGA RIVER

CHANNEL CONDITIONS

SCALE OF FEET

CORPS OF ENGINEERS, BUFFALO, N. Y.