



Notice to Navigation Interests

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

L 13 - 07	May 6, 2013
Notice No.	Date
<hr/>	
Waterway	

Lake Erie, Ohio

LRB-TD-ONS

Condition of Federal Navigation Channel Vermilion Harbor, Vermilion, Ohio

1. Condition surveys performed within the Federal Navigation Channel at Vermilion Harbor, Ohio during the month of April 2013 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 Vermilion Harbor, Ohio consisting of (1) sheet, 13S-VER-1/1, 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-1130-2-520)**

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DATE May 6, 2013

TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS **L13 - 07**

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
VERMILION HARBOR, VERMILION, 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)			
(A) EAST LAKE APPROACH CHANNEL.	APRIL 2013	250-300	1200 (a)	12	4.7 (1)	4.4	6.0
(B) WEST LAKE APPROACH CHANNEL.	APRIL 2013	150-220	1000 (a)	8	3.8	2.4	7.4
(C) ENTRANCE CHANNEL.	APRIL 2013	100	1500	12	9.6 (2)	10.2	8.1 (3)
(D) VERMILION RIVER CHANNEL.	APRIL 2013	80-100	450	8	5.3 (4)	4.2	2.7 (5)

Footnotes

- (1) Shoaling to 4.30 within 2' of Left limit, 1558' from start of reach.
- (2) Shoaling to 7.90 within 4' of Left limit, 1385' from start of reach.
- (3) Shoaling to +1.20 within 0' of Right limit, 855' from start of reach.
- (4) Shoaling to 4.40 within 2' of Left limit, 384' from start of reach.
- (5) Shoaling to 2.00 within 3' of Right limit, 1422' from start of reach.

REMARKS: (A) LENGTH VARIES DEPENDING ON THE LOCATION OF THE 12 AND 8 FOOT CONTOURS IN LAKE ERIE.

LAKE APPROACH CHANNEL

PROJECT DEPTH 12.0'

(A)

4.7'

4.4'

6.0'

DETACHED BREAKWATER

2.4'

7.4'

3.8'

(C)

10.2'

9.6'

8.1'

ENTRANCE CHANNEL

(D)

4.2'

2.7'

PROJECT DEPTH 8.0'

5.3'

LAKE
ERIE

(B)

PROJECT DEPTH 8.0'

LAKE APPROACH CHANNEL

VERMILION

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

VERMILION HARBOR, OHIO

CHANNEL CONDITIONS
SCALE OF FEET



CORPS OF ENGINEERS, BUFFALO, N. Y.