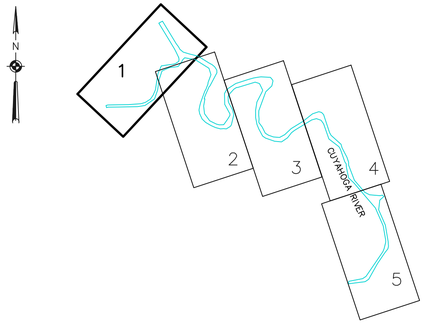


SHEET INDEX
"NOT TO SCALE"

SOUNDING COLOR LEGEND	
	DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
	DEPTHS AT OR BELOW PROJECT DEPTH
18.0	PROJECT DEPTH

LEGEND OF SYMBOLS	
17+00	CHANNEL STATIONING
○417	CHANNEL CORNER
◎H.L.F.	HARBOR LINE CORNER
	FEDERAL CHANNEL
	HARBOR LINE
	SUBMARINE CABLE
	CAN BUOY
	NUN BUOY
	LIGHTED BUOY
	FIXED LIGHT
	LIGHT HOUSE
W	LIGHT COLOR WHITE
R	LIGHT COLOR RED
G	LIGHT COLOR GREEN
FL	FLASHING LIGHT
F	FIXED LIGHT
Oc	OCCULTING LIGHT
Iso	EQUAL INTERVAL
AL	ALTERNATING
Q	QUICK (FLASHING)

SITE SPECIFIC NOTES

1.PROJECT DEPTHS AND SOUNDINGS ARE U.S. SURVEY FEET REFERRED TO LOW WATER DATUM OF 569.2 FEET ABOVE INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD85).

2.HORIZONTAL COORDINATES ARE U.S. SURVEY FEET REFERRED TO NORTH AMERICAN DATUM 1983 (NAD83) OHIO STATE PLANE COORDINATE SYSTEM – NORTH ZONE.

3.PROJECT DEPTH IS AS NOTED BELOW LOW WATER DATUM.

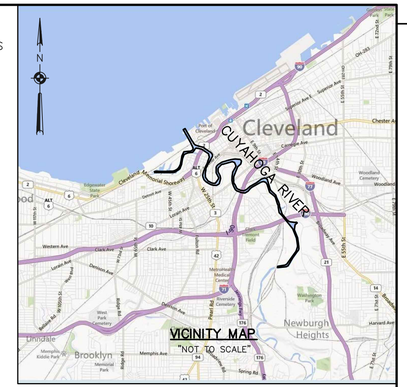
4.THE FILES USED IN THE PREPARATION OF THIS DRAWING ARE: CYR14VH5.DGN

5.SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D.BANNING AND PARTY ON JUNE 4, 2014:
GPS POSITIONING, POS–MV VER. 5 AND RTK TIDES
SONAR HEAD: 240 KHZ, SEABAT 7101 MULTIBEAM
1.5 DEGREE BEAMS 210 DEGREE ARC
HEAVE PITCH AND ROLL; APPLANIX POS–MV VER. 5
VELOCITY PROFILER; SONTEK CASTAWAY CTD,
HYPACK SURVEY SOFTWARE
SURVEY VESSEL WITMER

6.THE SOUNDING INFORMATION DEPICTED ON THE MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITION AT THAT TIME.

7.THE BACKGROUND IMAGERY SHOWN WAS ACQUIRED FROM THE OHIO GEOGRAPHICALLY REFERENCED INFORMATION PROGRAM.

8.THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110–2–1003.



VICINITY MAP
"NOT TO SCALE"

CHANNEL CORNER COORDINATES		
POINT	NORTHING	EASTING
406	670432.64	2184392.33
407	669203.59	2185113.26
409	670326.16	2184194.32
419	669305.69	2184792.88
430	669038.84	2185230.28
431	668921.80	2185009.35
432	668897.51	2185305.24
433	668780.44	2185084.32
434	668748.13	2185477.77
435	668467.36	2185225.59
436	668642.72	2185789.96
438	668514.08	2186270.00
441	668436.30	2185555.77
442	668043.80	2187014.22
443	668331.12	2186112.78
700	668325.77	2185433.20
701	668361.11	2185244.38
702A	668192.06	2185372.54
703	668252.39	2185227.64
705	668139.85	2185062.30
706A	667975.52	2185189.72
707	668103.11	2184932.68
708A	667922.42	2184728.04
709	668064.68	2184564.67
710A	667811.80	2184458.52
711	668022.30	2184285.57
712	667745.73	2184316.93
713	667607.49	2184098.60
714	667294.76	2184156.02
715	666739.93	2183944.93
716	666713.30	2184061.74
717	666452.09	2183819.81
718	666250.20	2183888.41
719	666241.29	2183667.62
720	665902.94	2183365.42
721	666075.06	2183397.27
722	665850.44	2182960.56
723	666004.71	2183150.92
724	665847.87	2181378.31
725	665993.72	2182942.01
726	665824.96	2181294.98
727	665969.60	2182483.85
728	665548.84	2181983.89
729	665967.84	2181362.02
731	665543.61	2181273.90
733	665968.81	2181983.71

GRAPHIC SCALE
200 0 100 200
1 inch = 200 ft.

SEE SHEET 2

US Army Corps of Engineers
Buffalo District

Original sheet size = ANSI D

** COPY OF SIGNED ORIGINAL **

Drawn by: ACK
Checked by: KPL
Reviewed by: Roman H. Figler III PLS
Chief, Survey Section
Approved: Edward F. Gawarecki
Date: June 16, 2014
Chief, NY–PA O & M Office

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207–3199

CLEVELAND, OHIO
CUYAHOGA RIVER
PROJECT CONDITION SOUNDINGS 2014
SCALE: 1" = 200'

Sheet reference number
VH–101
Sheet 1 of 5

To download an electronic version of this map, point a web browser to: http://www.lrb.usace.army.mil/WebWorks/NetworkMgmt/survey/survey.html

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