



**SITE SPECIFIC NOTES:**  
 PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 569.2 FEET. HORIZONTAL CONTROL IS REFERRED TO OHIO NORTH ZONE.

PROJECT DEPTH: 23.0 FEET  
 18.0 FEET - TURNING BASIN

THE FILES USED IN THE PREPARATION OF THIS DRAWING ARE ON DISK: HARBOR 2008  
 FILES: CYRO8PCVH1016-8.DGN  
 CYRO8PCV-HP.DGN

SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS OFFICE. D. WITMER AND PARTY ON APRIL 1, 2008 THROUGH APRIL 3, 2008 USING GPS POSITIONING; POS-MV VER. 3 AND ASHTECH BR2G BEACON USED: DETROIT  
 SONAR HEAD: 240 KHZ, SEABATT 8101 MULTIBEAM 1.5 DEGREE BEAMS 210 DEGREE ARC  
 HEAVE PITCH AND ROLL: APPLANIX POS-MV VER. 3  
 VELOCITY PROFILER: INNERSPACE 448  
 SOFTWARE USED: HYPACK SURVEY AND TRITON ISIS  
 SURVEY LAUNCH CROTTY

**SOUNDING COLOR LEGEND**

	DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
	DEPTHS AT OR BELOW PROJECT DEPTH



**GENERAL NOTES**

The information depicted on this map represents the results of surveys made on the date indicated and can only be considered as indicating the general location of the features. This drawing is not to be used for any other purpose than that for which it was prepared. The information shown on this drawing is based on the data provided to the engineer by the client. The engineer is not responsible for the accuracy of the data provided. Specific notes are provided for appropriate details. To view a color version of this map, point a web browser to <http://www.11th.usace.army.mil/activities/survey/survey.html>. This drawing was prepared using a CAD system. Scaling may be distorted.

Drawn by:	CAD
Checked by:	
Reviewed by:	
Chief, Survey Unit:	
Approved:	
Date:	

Chief, NYPA Navigation and Maintenance Section

U.S. ARMY ENGINEER DISTRICT  
 CUYAHOGA RIVER AND OLD RIVER  
 BUFFALO, NEW YORK 14207-3199

CLEVELAND HARBOR, OHIO  
 CUYAHOGA RIVER AND OLD RIVER  
**PROJECT CONDITION SOUNDINGS 2008**  
 SCALE OF FEET: 25.0' = 1.00'  
 SCALE: 1" = 100'

Sheet reference number:  
**VH - 106**  
 Sheet 6 of 8  
**085-CYR-1/6**