



GENERAL NOTES:
The 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. Unless otherwise noted on this map, all depths and soundings are in feet and referred to the International Great Lakes Datum 1985 (IGLD 1985) and all horizontal positions are referred to North American Datum 1983 (NAD83). See the Site Specific Notes for appropriate details. To view a color version of this map, point a web browser to <http://www.lfr.usace.army.mil/waterways/survey/survey.html>. This drawing was prepared using a CAD system. Scaling may be distorted.

Drawn by:	CADD
Checked by:	
Reviewed by:	
Design:	Survey Unit
Approved:	Doret
Chief, NYPE, Navigation and Maintenance Section	

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

CONNEAUT HARBOR, OHIO
PROJECT CONDITION SOUNDINGS 2009
SCALE: 1" = 200'
90' 0" 100' 200'

Sheet reference number:
VH - 101
Sheet 1 of 1
09S-CON-11



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 DEPTHS ARE 28.0 FEET IN THE OUTER HARBOR CHANNEL, 22.0 FEET IN THE OUTER HARBOR MOORING AREA AND APPROACH TO CITY DOCK CHANNELS, 27.0 FEET IN THE CONNEAUT RIVER CHANNEL, 8.0 FEET IN THE ACCESS CHANNEL TO THE CITY DOCK CHANNEL AND ANCHORAGE AREA.

THE FILES USED IN THE PREPARATION OF THIS DRAWING ARE ON DISK: HARBOR 2009
FILES:
CON09PCV-HP.DGN
CON09PCVH101101.DGN

SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. BANNING AND PARTY ON DECEMBER 2, 2009 THROUGH DECEMBER 16, 2009, USING GPS POSITIONING, POS-MV VER. 3 AND ASHTECH BR2G BEACON USED; YOUNGSTOWN SONAR HEAD; 240 KHZ, SEABATT 8101 MULTIBEAM SONAR; 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 1S1S SURVEY LAUNCH CROTTY

SOUNDING COLOR LEGEND

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