



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 of that date. 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 area for appropriate datums. To view a color version of this map, point a web browser to <http://www.frb.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:	
Approver:	Chief, NYPA Navigation and Maintenance Section
Date:	

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

BLACK ROCK CANAL
 &
 TONAWANDA HARBOR, N.Y.
PROJECT CONDITION SOUNDINGS 2008
 SCALE: 1" = 200'
 50' 0" 100' 200'

Sheet reference number:
VH - 103
 Sheet **3** of **9**
085-BRC-13

SITE SPECIFIC NOTES:
 PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 569.2 FEET. HORIZONTAL CONTROL IS REFERRED TO NEW YORK WEST ZONE.
 PROJECT DEPTH IS 21.0 FEET
 THE FILES USED IN THE PREPARATION OF THIS DRAWING ARE ON DISK: HARBOR 2008
 FILES: BRC08PCVH1013-9.DGN
 BRC08PCV-HP.DGN
 SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS OFFICE, D. WITMER AND PARTY ON MAY 22, 2008 THROUGH AUGUST 6, 2008, USING GPS POSITIONING, POS-MV VER. 3 AND ASHTECH BR2G BEACON USED; YOUNGSTOWN SONAR HEAD; 240 KHZ, SEABATT 810I 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