



**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 DEPTHS IS 21.0 FEET.  
 THE FILES USED IN THE PREPARATION OF THIS DRAWING ARE ON DISK: HARBOR 2008  
 FILES: BRC08PCVH1012-9.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 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 the map represents the results of surveys made on the date indicated and can only be considered as indicating the general location of the project. This drawing is not to be used for any other purpose without the express written consent of the U.S. Army Corps of Engineers Buffalo District. Specific notes are for appropriate details. To view a color version of this map, point a web browser to <http://www.ich.usace.army.mil/whse/whse/survey/survey.html>. This drawing was prepared using a CAD system. Scaling may be distorted.

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

Chief, NYPA Navigation and Maintenance Section

U.S. ARMY ENGINEER DISTRICT  
 TONAWANDA HARBOR, N.Y.  
 BUFFALO, NEW YORK 14207-3199

BLACK ROCK CANAL  
 &  
 TONAWANDA HARBOR, N.Y.  
**PROJECT CONDITION SOUNDINGS 2008**  
 SCALE OF FEET  
 50.0' 100.0' 200.0'

Sheet Reference number:  
**VH - 102**  
 Sheet 1 of 2  
**085-BRC-12**