

**LEGEND:**

- 3 - MAJOR SUBMERGED DEPTH CONTOUR BELOW CHART DATUM
- 3.7 - SOUNDING DEPTH 3.7 METERS BELOW CHART DATUM
- CHANNEL LIMITS
- 2013 DREDGE LIMITS
- INTERNATIONAL BOUNDARY
- NAVIGATIONAL LIGHT
- BUOY
- # 2011 AND 2012 SAMPLE LOCATIONS
- 13-# 2013 SAMPLE LOCATIONS
- CP# 2013 DREDGE AREA CONTROL POINTS

**NOTES:**

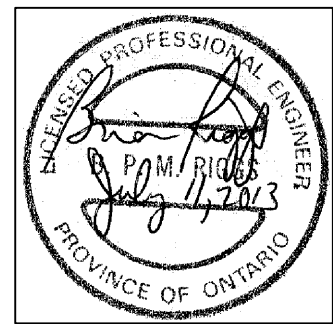
- SOUNDINGS WERE TAKEN BY CANADIAN HYDROGRAPHIC SERVICE IN MAY 2013.
- SOUNDINGS ARE SHOWN IN METERS BELOW CHART DATUM.
- CHART DATUM FOR LAKE ST. CLAIR IS 174.4 METERS ABOVE SEA LEVEL (IGLD 1985).
- VERTICAL CONTROL ESTABLISHED FROM NOAA GAUGE ST. CLAIR SHORES.
- COORDINATE GRID REFERS TO UTM NAD83 ZONE 17.

\* THE SOUNDING INFORMATION REPRESENTS RESULTS OF THE SURVEY MADE ON THE DATE SPECIFIED AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS AT THAT TIME.

DREDGE AREA CONTROL POINTS			
CP#	EASTING	NORTHING	
CP1	378,789.47	4,732,774.34	
CP2	378,830.65	4,732,756.19	
CP3	378,756.04	4,732,586.91	
CP4	378,714.86	4,732,605.06	
CP5	369,012.89	4,712,030.22	
CP6	368,932.27	4,712,020.75	
CP7	368,674.32	4,711,874.93	
CP8	368,686.41	4,711,848.57	
CP9	368,359.35	4,711,698.56	
CP10	368,336.84	4,711,747.64	

**DREDGE AREA CONTROL POINTS**

CP#	EASTING	NORTHING	CP#	EASTING	NORTHING	CP#	EASTING	NORTHING
CP11	364,196.92	4,709,843.32	CP16	362,608.23	4,708,925.08	CP21	363,105.30	4,709,153.07
CP12	364,213.60	4,709,806.96	CP17	361,585.30	4,708,477.91	CP22	363,113.64	4,709,134.89
CP13	362,522.95	4,709,031.53	CP18	361,558.85	4,708,443.77	CP23	362,860.66	4,709,062.83
CP14	362,506.27	4,709,067.89	CP19	362,599.90	4,708,943.26	CP24	362,873.16	4,709,035.56
			CP20	362,608.23	4,708,925.08	CP25	361,545.77	4,708,426.89
			CP21	363,105.30	4,709,153.07			
			CP22	363,113.64	4,709,134.89			
			CP23	362,860.66	4,709,062.83			
			CP24	362,873.16	4,709,035.56			
			CP25	361,545.77	4,708,426.89			



revision

date

Do not scale drawings.  
Verify all dimensions and conditions on site and immediately  
notify the departmental representative of all discrepancies.

A Detail No.  
B No. du detail  
C drawing no. - where detail required  
C dessin no. - où détail exigé

project title  
titre du projet

ST. CLAIR RIVER, ONTARIO  
SOUTH BEND CUTOFF CHANNEL  
AND STOKES POINT

MAINTENANCE DREDGING 2013

drawing title  
titre du dessin

2013 BEFORE  
DREDGING SOUNDINGS

drawn by  
dessiné par

A. MARCZENKO

designed by  
conçu par

B. RIGGS

approved by  
approuvé par

R. HEWITT

bid  
offre

R. HEWITT

project date  
date du projet

2013-07-11

project no.  
no. du projet

R.042805.001

drawing no.  
dessiné no.

MA-02