

C.O.C.: DW 32096

REPORT No. B14-32096

Report To:

ATCO Structure & Logistics
PO Box 88, Hamlet of Resolute Bay
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Attention: Rick Gaulton

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DATE RECEIVED: 12-Dec-14

JOB/PROJECT NO.: Hamlet of Resolute Bay

DATE REPORTED: 19-Dec-14

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

			Client I.D.		Raw Drinking Water - Wet Well			
			Sample I.D.		B14-32096-1			
			Date Collected		05-Sep-14			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
TDS (Calc. from Cond.)	mg/L		Calc.	15-Dec-14	228			
Surfactants Content	mg/L	0.5	SM-5540-C	19-Dec-14/O	< 0.5 ²			
Total Organic Carbon	mg/L	0.2	EPA 415.1	17-Dec-14/O	1.0			
Chloride	mg/L	0.5	SM4110C	15-Dec-14/O	21.1			
Fluoride	mg/L	0.1	SM4110C	15-Dec-14/O	0.1			
Phenolics	mg/L	0.001	MOEE 3179	17-Dec-14/O	< 0.001			
Nitrate (N)	mg/L	0.1	SM4110C	15-Dec-14/O	< 0.1			
Nitrite (N)	mg/L	0.1	SM4110C	15-Dec-14/O	< 0.1			
Sulphate	mg/L	1	SM4110C	15-Dec-14/O	46			
Arsenic	mg/L	0.0001	EPA 200.8	15-Dec-14/O	0.0002			
Barium	mg/L	0.001	SM 3120	15-Dec-14/O	0.016			
Cadmium	mg/L	0.00002	EPA 200.8	15-Dec-14/O	0.00003			
Chromium (VI)	mg/L	0.002	MOEE 3056	15-Dec-14/O	< 0.002 ¹			
Copper	mg/L	0.002	SM 3120	15-Dec-14/O	0.006			
Iron	mg/L	0.005	SM 3120	15-Dec-14/O	< 0.005			
Lead	mg/L	0.00002	EPA 200.8	15-Dec-14/O	0.00377			
Manganese	mg/L	0.001	SM 3120	15-Dec-14/O	0.002			
Selenium	mg/L	0.001	EPA 200.8	15-Dec-14/O	< 0.001			
Silver	mg/L	0.00002	EPA 200.8	15-Dec-14/O	< 0.00002			
Zinc	mg/L	0.005	SM 3120	15-Dec-14/O	0.054			

¹ Chromium (VI) result is based on total chromium

² Subcontracted to Niagara Analytical



Gord Murphy
Lab Supervisor

M.D.L. = Method Detection Limit
Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill