

C.O.C.: ---

REPORT No. B15-21658

Report To:

Hamlet of Arctic Bay

Box 150,
Arctic Bay NU X0A 0A0 Canada

Attention: Deborah Johnson

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 24-Aug-15

JOB/PROJECT NO.:

DATE REPORTED: 03-Sep-15

P.O. NUMBER: 13429

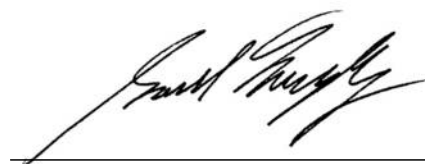
SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

			Client I.D.		Raw Drinking Water	Treated - Turbidity		
			Sample I.D.		B15-21658-1	B15-21658-2		
			Date Collected		19-Aug-15	19-Aug-15		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed				
TDS (Calc. from Cond.)	mg/L		Calc.	25-Aug-15	19			
Turbidity	NTU	0.1	SM 2130	24-Aug-15/O	1.7	1.4		
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	26-Aug-15/O	1.4			
Chloride	mg/L	0.5	SM4110C	24-Aug-15/O	2.5			
Fluoride	mg/L	0.1	SM4110C	24-Aug-15/O	< 0.1			
Nitrate (N)	mg/L	0.1	SM4110C	24-Aug-15/O	0.1			
Sulphate	mg/L	1	SM4110C	24-Aug-15/O	2			
Surfactants Content	mg/L	0.05	SM-5540-C	02-Sep-15/O	< 0.05 ²			
Phenolics	mg/L	0.001	MOEE 3179	27-Aug-15/O	< 0.001			
Total Cyanide	mg/L	0.005	SM 4500CN	27-Aug-15/K	< 0.005			
Arsenic	mg/L	0.0001	EPA 200.8	25-Aug-15/O	< 0.0001			
Barium	mg/L	0.001	SM 3120	25-Aug-15/O	0.028			
Cadmium	mg/L	0.00002	EPA 200.8	25-Aug-15/O	< 0.00002			
Chromium	mg/L	0.002	SM 3120	25-Aug-15/O	< 0.002			
Chromium (VI)	mg/L	0.002	MOE E3056	26-Aug-15/O	< 0.002 ¹			
Iron	mg/L	0.005	SM 3120	25-Aug-15/O	0.028			
Lead	mg/L	0.00002	EPA 200.8	25-Aug-15/O	0.00006			
Manganese	mg/L	0.001	SM 3120	25-Aug-15/O	0.001			
Selenium	mg/L	0.001	EPA 200.8	25-Aug-15/O	< 0.001			
Silver	mg/L	0.00002	EPA 200.8	25-Aug-15/O	< 0.00002			
Zinc	mg/L	0.005	SM 3120	25-Aug-15/O	< 0.005			

¹ Chromium (VI) result is based on total chromium

² Subcontracted to Niagara Analytical



Gord Murphy
Lab Supervisor

R.L. = Reporting Limit

Site Analyzed: K-Kingston, W-Windsor, O-Ottawa, R-Richmond Hill

Uncertainty Values available upon request

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories.