

C.O.C.: ---

REPORT No. B18-07385

Report To:

ATCO Structure & Logistics Services Ltd

PO Box 88, Hamlet of Resolute Bay

NU X0A 0V0 Canada

Attention: Philip Chubbs

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1

Tel: 613-526-0123

Fax: 613-526-1244

DATE RECEIVED: 23-Mar-18

JOB/PROJECT NO.: Drinking Water

DATE REPORTED: 04-Apr-18

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

			Client I.D.		Char Lake Pump House	Water Treatment Plant		
			Sample I.D.		B18-07385-1	B18-07385-2		
			Date Collected		20-Mar-18	20-Mar-18		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed				
TDS (Calc. from Cond.)	mg/L	1	Calc.	26-Mar-18	224	216		
Fluoride	mg/L	0.1	SM4110C	27-Mar-18/O	< 0.1	< 0.1		
Chloride	mg/L	0.5	SM4110C	27-Mar-18/O	16.1	17.5		
Nitrite (N)	mg/L	0.1	SM4110C	27-Mar-18/O	< 0.1	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	27-Mar-18/O	< 0.1	< 0.1		
Sulphate	mg/L	1	SM4110C	27-Mar-18/O	32	33		
Cyanide (Total)	mg/L	0.005	SM 4500CN	29-Mar-18/K	< 0.005	< 0.005		
Arsenic	mg/L	0.0001	EPA 200.8	26-Mar-18/O	0.0004	0.0003		
Barium	mg/L	0.001	SM 3120	26-Mar-18/O	0.010	0.011		
Cadmium	mg/L	0.000014	EPA 200.8	26-Mar-18/O	< 0.000014	< 0.000014		
Chromium (VI)	mg/L	0.002	MOE E3056	28-Mar-18/O	< 0.002	< 0.002		
Copper	mg/L	0.002	SM 3120	26-Mar-18/O	0.002	0.010		
Iron	mg/L	0.005	SM 3120	26-Mar-18/O	0.005	0.007		
Lead	mg/L	0.00002	EPA 200.8	26-Mar-18/O	0.00002	0.00017		
Manganese	mg/L	0.001	SM 3120	26-Mar-18/O	0.001	0.001		
Selenium	mg/L	0.001	EPA 200.8	26-Mar-18/O	< 0.001	< 0.001		
Silver	mg/L	0.00002	EPA 200.8	26-Mar-18/O	< 0.00002	< 0.00002		
Zinc	mg/L	0.005	SM 3120	26-Mar-18/O	< 0.005	0.021		
Phenolics	mg/L	0.001	MOEE 3179	24-Mar-18/O	< 0.001	< 0.001		
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	28-Mar-18/O	1.0	1.1		
E coli	cfu/100mL	1	MOE E3407	23-Mar-18/O	0	0		
Surfactants Content	mg/L	0.05	SM-5540-C	03-Apr-18/O	< 0.05 ¹	< 0.05 ¹		

¹ Subcontracted to Niagara Analytical

NOTE: Acceptable Holding Time for e. Coli exceeded upon arrival at Lab.



R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an *

Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill,B-Barrie

Greg Clarkin, BSc., C. Chem
Lab Manager - Ottawa District

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