

C.O.C.: DW 25991

REPORT No. B18-25991

Report To:

Hamlet of Pangnirtung

P.O. Box 253,
Pangnirtung Nunavut X0A 0R0 Canada

Attention: SAO -

Caduceon Environmental Laboratories

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DATE RECEIVED: 29-Aug-18

JOB/PROJECT NO.: Drinking Water

DATE REPORTED: 12-Sep-18

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

			Client I.D.	Effluent/ WWTP	Duval River		
			Sample I.D.	B18-25991-1	B18-25991-2		
			Date Collected	22-Aug-18	22-Aug-18		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
TDS (Calc. from Cond.)	mg/L	1	Calc.	31-Aug-18	327	3	
Chloride	mg/L	0.5	SM4110C	29-Aug-18/O	56.6	0.9	
Fluoride	mg/L	0.1	SM4110C	29-Aug-18/O	< 0.1	< 0.1	
Nitrate (N)	mg/L	0.1	SM4110C	29-Aug-18/O	35.9	< 0.1	
Nitrite (N)	mg/L	0.1	SM4110C	29-Aug-18/O	< 0.1	< 0.1	
Sulphate	mg/L	1	SM4110C	29-Aug-18/O	31	< 1	
Cyanide (Total)	mg/L	0.005	SM 4500CN	30-Aug-18/K	< 0.005	< 0.005	
Arsenic	mg/L	0.0001	EPA 200.8	29-Aug-18/O	0.0008	< 0.0001	
Barium	mg/L	0.001	SM 3120	31-Aug-18/O	< 0.001	< 0.001	
Cadmium	mg/L	0.000015	EPA 200.8	29-Aug-18/O	0.000131	< 0.000015	
Chromium	mg/L	0.002	SM 3120	31-Aug-18/O	< 0.002	< 0.002	
Chromium (VI)	mg/L	0.002	MOE E3056	04-Sep-18/O	< 0.002 ¹	< 0.002 ¹	
Copper	mg/L	0.002	SM 3120	31-Aug-18/O	0.100	< 0.002	
Iron	mg/L	0.005	SM 3120	31-Aug-18/O	0.121	0.013	
Lead	mg/L	0.00002	EPA 200.8	29-Aug-18/O	0.00592	< 0.00002	
Manganese	mg/L	0.001	SM 3120	31-Aug-18/O	0.035	0.001	
Selenium	mg/L	0.001	EPA 200.8	29-Aug-18/O	< 0.001	< 0.001	
Silver	mg/L	0.0001	EPA 200.8	29-Aug-18/O	< 0.0001	< 0.0001	
Zinc	mg/L	0.005	SM 3120	31-Aug-18/O	0.313	< 0.005	
Phenolics	mg/L	0.002	MOEE 3179	31-Aug-18/K	0.003	< 0.002	
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	30-Aug-18/O	14.9	1.2	
Surfactants Content	mg/L	0.05	SM-5540-C	10-Sep-18/O	0.12 ²	< 0.05 ²	
E coli	cfu/100mL	1	MOE E3407	29-Aug-18/O	5	3	

1. Chromium (VI) result is based on total Chromium

2. Subcontracted to Niagara Analytical

NOTE: E. coli passed acceptable holding time upon arrival at Lab.



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

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

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