

C.O.C.: ---

REPORT No. B18-30657

Report To:

Hamlet of Pond Inlet_Do Not Release

P.O Box 379,

Pond Inlet Nunavut X0A 0S0 Canada

Attention: SAO -

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1

Tel: 613-526-0123

Fax: 613-526-1244

DATE RECEIVED: 04-Oct-18

JOB/PROJECT NO.: Waste Water

DATE REPORTED: 15-Oct-18

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Waster Water			
			Sample I.D.	B18-30657-1			
			Date Collected	01-Oct-18			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Hardness (as CaCO ₃)	mg/L	1	SM 3120	11-Oct-18/O	75		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	09-Oct-18/O	377		
pH @25°C	pH Units		SM 4500H	09-Oct-18/O	7.62		
Conductivity @25°C	µmho/cm	1	SM 2510B	09-Oct-18/O	1160		
Total Suspended Solids	mg/L	3	SM2540D	10-Oct-18/K	20		
Chloride	mg/L	0.5	SM4110C	10-Oct-18/O	61.4		
Nitrite (N)	mg/L	0.1	SM4110C	10-Oct-18/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	10-Oct-18/O	< 0.1		
Sulphate	mg/L	1	SM4110C	10-Oct-18/O	< 1		
Aluminum	mg/L	0.01	SM 3120	11-Oct-18/O	0.19		
Arsenic	mg/L	0.0005	EPA 200.8	10-Oct-18/O	0.0008		
Calcium	mg/L	0.02	SM 3120	11-Oct-18/O	16.4		
Cadmium	mg/L	0.005	SM 3120	11-Oct-18/O	< 0.005		
Chromium	mg/L	0.002	SM 3120	11-Oct-18/O	0.003		
Cobalt	mg/L	0.005	SM 3120	11-Oct-18/O	< 0.005		
Copper	mg/L	0.002	SM 3120	11-Oct-18/O	0.175		
Iron	mg/L	0.005	SM 3120	11-Oct-18/O	0.960		
Lead	mg/L	0.02	SM 3120	11-Oct-18/O	< 0.02		
Magnesium	mg/L	0.02	SM 3120	11-Oct-18/O	8.25		
Manganese	mg/L	0.001	SM 3120	11-Oct-18/O	0.119		
Mercury	mg/L	0.00002	SM 3112 B	12-Oct-18/O	0.00004		
Nickel	mg/L	0.01	SM 3120	11-Oct-18/O	< 0.01		
Potassium	mg/L	0.1	SM 3120	11-Oct-18/O	28.7		
Sodium	mg/L	0.2	SM 3120	11-Oct-18/O	62.0		
Zinc	mg/L	0.005	SM 3120	11-Oct-18/O	0.105		
Ammonia (N)-Total	mg/L	0.01	SM4500-NH ₃ -H	10-Oct-18/K	101		

NOTE: Acceptable Holding Time for Fecal Coliform exceeded upon arrival at the 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

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.

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			Sample I.D.	B18-30657-1			
			Date Collected	01-Oct-18			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Phenolics	mg/L	0.002	MOEE 3179	11-Oct-18/K	1.02		
BOD	mg/L	3	SM 5210B	10-Oct-18/O	155		
Total Organic Carbon	mg/L	0.2	EPA 415.1	09-Oct-18/O	78.2		
Oil & Grease-Total	mg/L	1.0	SM 5520	15-Oct-18/K	18.7		
Fecal Coliform	cfu/100mL	1	MOE E3371	05-Oct-18/O	480000		

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