

C.O.C.: ---

REPORT No. B15-27720

Report To:

Hamlet of Pond Inlet_DNR

P.O Box 379,
Pond Inlet Nunavut X0A 0S0 Canada

Attention: Colin Saunders

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1

Tel: 613-526-0123

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DATE RECEIVED: 21-Oct-15

JOB/PROJECT NO.: PON-6 Sewage Lagoon

DATE REPORTED: 02-Nov-15

P.O. NUMBER: 180

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Jonah - Oct 2015			
			Sample I.D.	B15-27720-1			
			Date Collected				
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Hardness (as CaCO ₃)	mg/L	1	SM 3120	22-Oct-15/O	72		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	23-Oct-15/O	471		
pH @25°C	pH Units		SM 4500H	23-Oct-15/O	7.57		
Conductivity @25°C	µmho/cm	1	SM 2510B	23-Oct-15/O	1330		
Total Suspended Solids	mg/L	3	SM 2540D	23-Oct-15/O	28		
Chloride	mg/L	0.5	SM4110C	23-Oct-15/O	75.8		
Nitrite (N)	mg/L	0.1	SM4110C	23-Oct-15/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	23-Oct-15/O	< 0.1		
Sulphate	mg/L	1	SM4110C	23-Oct-15/O	2		
Calcium	mg/L	0.02	SM 3120	22-Oct-15/O	14.7		
Magnesium	mg/L	0.01	SM 3120	22-Oct-15/O	8.66		
Sodium	mg/L	0.2	SM 3120	22-Oct-15/O	82.5		
Potassium	mg/L	0.1	SM 3120	22-Oct-15/O	33.7		
Aluminum	mg/L	0.01	SM 3120	22-Oct-15/O	0.28		
Arsenic	mg/L	0.0005	EPA 200.8	22-Oct-15/O	0.0037		
Cadmium	mg/L	0.005	SM 3120	22-Oct-15/O	< 0.005		
Chromium	mg/L	0.002	SM 3120	22-Oct-15/O	0.003		
Cobalt	mg/L	0.005	SM 3120	22-Oct-15/O	< 0.005		
Copper	mg/L	0.002	SM 3120	22-Oct-15/O	0.126		
Iron	mg/L	0.005	SM 3120	22-Oct-15/O	1.20		
Lead	mg/L	0.02	SM 3120	22-Oct-15/O	< 0.02		
Manganese	mg/L	0.001	SM 3120	22-Oct-15/O	0.138		
Mercury	mg/L	0.00002	SM 3112 B	22-Oct-15/O	0.00004		
Nickel	mg/L	0.01	SM 3120	22-Oct-15/O	< 0.01		
Zinc	mg/L	0.005	SM 3120	22-Oct-15/O	0.087		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	27-Oct-15/O	102		
Phenolics	mg/L	0.001	MOEE 3179	27-Oct-15/O	0.605		

NOTE: Oil & Grease Bottle broken during transit.



R.L. = Reporting Limit

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

Uncertainty Values available upon request

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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BOD	mg/L	3	SM 5210B	22-Oct-15/O	231		
Total Organic Carbon	mg/L	0.2	EPA 415.1	29-Oct-15/O	55.8		
Fecal Coliform	cfu/100mL	1	MOE E3371	21-Oct-15/O	36000		

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