

C.O.C.: ---

REPORT No. B15-29100

Report To:

Hamlet of Pond Inlet_DNR

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

Attention: Colin Saunders

Caduceon Environmental Laboratories

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DATE RECEIVED: 05-Nov-15

JOB/PROJECT NO.: PON 07

DATE REPORTED: 13-Nov-15

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Sewage Lagoon			
			Sample I.D.	B15-29100-1			
			Date Collected	02-Nov-15			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	06-Nov-15/O	316		
Oil & Grease-Total	mg/L	1.0	SM 5520	10-Nov-15/K	60.3		
Total Organic Carbon	mg/L	0.2	EPA 415.1	12-Nov-15/O	61.8		
Total Suspended Solids	mg/L	3	SM 2540D	10-Nov-15/O	264		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	06-Nov-15/O	81		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	09-Nov-15/O	548		
Conductivity @25°C	µmho/cm	1	SM 2510B	10-Nov-15/O	1410		
pH @25°C	pH Units		SM 4500H	09-Nov-15/O	7.42		
Chloride	mg/L	0.5	SM4110C	05-Nov-15/O	87.2		
Nitrite (N)	mg/L	0.1	SM4110C	05-Nov-15/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	05-Nov-15/O	< 0.1		
Sulphate	mg/L	1	SM4110C	05-Nov-15/O	9		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	10-Nov-15/O	112		
Phenolics	mg/L	0.001	MOEE 3179	10-Nov-15/O	1.01		
Aluminum	mg/L	0.01	SM 3120	06-Nov-15/O	0.80		
Arsenic	mg/L	0.0005	EPA 200.8	06-Nov-15/O	0.0012		
Calcium	mg/L	0.02	SM 3120	06-Nov-15/O	17.6		
Cadmium	mg/L	0.005	SM 3120	06-Nov-15/O	< 0.005		
Cobalt	mg/L	0.005	SM 3120	06-Nov-15/O	< 0.005		
Copper	mg/L	0.002	SM 3120	06-Nov-15/O	0.187		
Chromium	mg/L	0.002	SM 3120	06-Nov-15/O	0.003		
Iron	mg/L	0.005	SM 3120	06-Nov-15/O	1.79		
Lead	mg/L	0.02	SM 3120	06-Nov-15/O	0.03		
Magnesium	mg/L	0.01	SM 3120	06-Nov-15/O	9.11		
Manganese	mg/L	0.001	SM 3120	06-Nov-15/O	0.152		
Mercury	mg/L	0.00002	SM 3112 B	06-Nov-15/O	0.00005		
Nickel	mg/L	0.01	SM 3120	06-Nov-15/O	< 0.01		

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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Potassium	mg/L	0.1	SM 3120	06-Nov-15/O	34.6		
Sodium	mg/L	0.2	SM 3120	06-Nov-15/O	84.4		
Zinc	mg/L	0.005	SM 3120	06-Nov-15/O	0.188		
Fecal Coliform	cfu/100mL	1	MOE E3371	05-Nov-15/O	450000		

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