

C.O.C.: ---

REPORT No. B16-32526

Report To:

Hamlet of Pond Inlet

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

Attention: Joshua Arreak

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
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DATE RECEIVED: 27-Oct-16

JOB/PROJECT NO.:

DATE REPORTED: 08-Nov-16

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Waste Water From Beach			
			Sample I.D.	B16-32526-1			
			Date Collected	24-Oct-16			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	28-Oct-16/O	1500		
Total Suspended Solids	mg/L	3	SM 2540D	31-Oct-16/O	664		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	31-Oct-16/O	169		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	31-Oct-16/O	857		
Conductivity @25°C	µmho/cm	1	SM 2510B	31-Oct-16/O	2500		
pH @25°C	pH Units		SM 4500H	31-Oct-16/O	7.16		
Nitrite (N)	mg/L	0.1	SM4110C	02-Nov-16/O	0.5		
Nitrate (N)	mg/L	0.1	SM4110C	02-Nov-16/O	0.2		
Chloride	mg/L	0.5	SM4110C	02-Nov-16/O	130		
Sulphate	mg/L	1	SM4110C	02-Nov-16/O	37		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	03-Nov-16/O	209		
Phenolics	mg/L	0.001	MOEE 3179	31-Oct-16/O	0.869		
Total Organic Carbon	mg/L	0.2	EPA 415.1	02-Nov-16/O	533		
Aluminum	mg/L	0.01	SM 3120	31-Oct-16/O	3.38		
Arsenic	mg/L	0.0005	EPA 200.8	31-Oct-16/O	0.0033		
Calcium	mg/L	0.02	SM 3120	31-Oct-16/O	42.8		
Cadmium	mg/L	0.00002	EPA 200.8	31-Oct-16/O	0.00013		
Cobalt	mg/L	0.005	SM 3120	31-Oct-16/O	0.008		
Copper	mg/L	0.002	SM 3120	31-Oct-16/O	0.308		
Chromium	mg/L	0.002	SM 3120	31-Oct-16/O	0.010		
Iron	mg/L	0.005	SM 3120	31-Oct-16/O	41.4		
Lead	mg/L	0.02	SM 3120	31-Oct-16/O	< 0.02		
Magnesium	mg/L	0.01	SM 3120	31-Oct-16/O	15.1		
Manganese	mg/L	0.001	SM 3120	31-Oct-16/O	0.608		
Mercury	mg/L	0.00002	SM 3112 B	31-Oct-16/O	0.00019		
Sodium	mg/L	0.2	SM 3120	31-Oct-16/O	129		

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

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.



Gord Murphy
Lab Supervisor

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			Date Collected		24-Oct-16			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed				
Nickel	mg/L	0.01	SM 3120	31-Oct-16/O	0.05			
Potassium	mg/L	0.1	SM 3120	31-Oct-16/O	58.9			
Zinc	mg/L	0.005	SM 3120	31-Oct-16/O	0.392			
Oil & Grease-Total	mg/L	1.0	SM 5520	03-Nov-16/K	75.0			
Fecal Coliform	cfu/100mL	1	MOE E3371	27-Oct-16/O	670000			

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