

C.O.C.: ---

REPORT No. B16-29146

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: 28-Sep-16

JOB/PROJECT NO.: Waste Water

DATE REPORTED: 12-Oct-16

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Sewage Lagoon #3			
			Sample I.D.	B16-29146-1			
			Date Collected	26-Sep-16			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	29-Sep-16/O	1130		
Total Suspended Solids	mg/L	3	SM 2540D	30-Sep-16/O	900		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	29-Sep-16/O	116		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	30-Sep-16/O	558		
Conductivity @25°C	µmho/cm	1	SM 2510B	30-Sep-16/O	1510		
pH @25°C	pH Units		SM 4500H	03-Oct-16/O	7.58		
Nitrite (N)	mg/L	0.1	SM4110C	28-Sep-16/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	28-Sep-16/O	0.2		
Chloride	mg/L	0.5	SM4110C	28-Sep-16/O	81.5		
Sulphate	mg/L	1	SM4110C	28-Sep-16/O	29		
Total Organic Carbon	mg/L	0.2	EPA 415.1	30-Sep-16/O	331		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	29-Sep-16/O	123		
Phenolics	mg/L	0.001	MOEE 3179	29-Sep-16/O	0.865		
Aluminum (total)	mg/L	0.01	SM 3120	29-Sep-16/O	8.48		
Arsenic	mg/L	0.0005	EPA 200.8	29-Sep-16/O	0.0026		
Calcium	mg/L	0.02	SM 3120	29-Sep-16/O	30.3		
Cadmium	mg/L	0.005	SM 3120	29-Sep-16/O	< 0.005		
Cobalt	mg/L	0.005	SM 3120	29-Sep-16/O	< 0.005		
Copper	mg/L	0.002	SM 3120	29-Sep-16/O	0.376		
Chromium	mg/L	0.002	SM 3120	29-Sep-16/O	0.036		
Iron (Total)	mg/L	0.005	SM 3120	29-Sep-16/O	15.9		
Magnesium	mg/L	0.01	SM 3120	29-Sep-16/O	9.88		
Manganese (Total)	mg/L	0.001	SM 3120	29-Sep-16/O	0.256		
Mercury	mg/L	0.00002	SM 3112 B	30-Sep-16/O	0.00023		
Sodium	mg/L	0.2	SM 3120	29-Sep-16/O	114		
Nickel	mg/L	0.01	SM 3120	29-Sep-16/O	0.02		
Lead	mg/L	0.02	SM 3120	29-Sep-16/O	< 0.02		

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		26-Sep-16			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed				
Potassium	mg/L	0.1	SM 3120	29-Sep-16/O	37.5			
Zinc	mg/L	0.005	SM 3120	29-Sep-16/O	0.698			
Oil & Grease-Total	mg/L	1.0	SM 5520	04-Oct-16/K	100			
Fecal Coliform	cfu/100mL	1	MOE E3371	28-Sep-16/O	490000			

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