

C.O.C.: G37163

REPORT No. B13-28167

Report To:

Hamlet of Resolute Bay

Government Office,
NU X0A 0V0 Canada

Attention: Rick Goulton

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
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DATE RECEIVED: 25-Oct-13

JOB/PROJECT NO.:

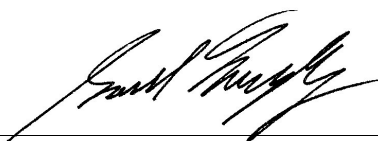
DATE REPORTED: 08-Nov-13

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Sewage Lagoon			
			Sample I.D.	B13-28167-1			
			Date Collected	23-Oct-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	26-Oct-13/O	1240		
Total Suspended Solids	mg/L	3	SM 2540D	30-Oct-13/O	340		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	28-Oct-13/O	22		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	28-Oct-13/O	549		
Conductivity @25 °C	µmho/cm	1	SM 2510B	25-Oct-13/O	1750		
pH @25 °C	pH Units		SM 4500H	25-Oct-13/O	7.57		
Nitrite (N)	mg/L	0.1	SM4110C	29-Oct-13/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	29-Oct-13/O	0.1		
Chloride	mg/L	0.5	SM4110C	29-Oct-13/O	109		
Sulphate	mg/L	1	SM4110C	29-Oct-13/O	93		
Total Organic Carbon	mg/L	0.2	EPA 415.1	30-Oct-13/O	262		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	07-Nov-13/O	99.0		
Phenolics	mg/L	0.001	MOEE 3179	30-Oct-13/O	0.431		
Aluminum (total)	mg/L	0.01	SM 3120	28-Oct-13/O	0.02		
Arsenic	mg/L	0.0001	EPA 200.8	28-Oct-13/O	0.0013		
Calcium	mg/L	0.02	SM 3120	28-Oct-13/O	5.60		
Cadmium	mg/L	0.005	SM 3120	28-Oct-13/O	< 0.005		
Cobalt	mg/L	0.005	SM 3120	28-Oct-13/O	< 0.005		
Copper	mg/L	0.002	SM 3120	28-Oct-13/O	< 0.002		
Chromium	mg/L	0.002	SM 3120	28-Oct-13/O	< 0.002		
Iron (Total)	mg/L	0.005	SM 3120	28-Oct-13/O	0.014		
Lead	mg/L	0.02	SM 3120	28-Oct-13/O	< 0.02		
Magnesium	mg/L	0.01	SM 3120	28-Oct-13/O	2.02		
Manganese (Total)	mg/L	0.001	SM 3120	28-Oct-13/O	< 0.001		
Mercury	mg/L	0.00002	SM 3112 B	29-Oct-13/O	0.00069		
Nickel	mg/L	0.01	SM 3120	28-Oct-13/O	< 0.01		
Potassium	mg/L	0.1	SM 3120	28-Oct-13/O	0.7		



Gord Murphy
Lab Supervisor

M.D.L. = Method Detection Limit

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.

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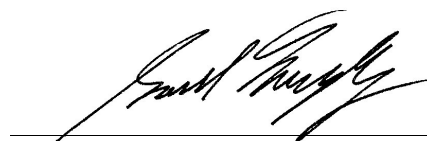
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			Date Collected	23-Oct-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Sodium	mg/L	0.2	SM 3120	28-Oct-13/O	8.9		
Zinc	mg/L	0.005	SM 3120	28-Oct-13/O	< 0.005		
Oil & Grease-Total	mg/L	1.0	SM 5520	01-Nov-13/K	81.9		
Fecal Coliform	cfu/100mL	1	MOE E3371	25-Oct-13/O	2600000		



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