

C.O.C.: G37741

REPORT No. B13-21854

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: 21-Aug-13

JOB/PROJECT NO.:

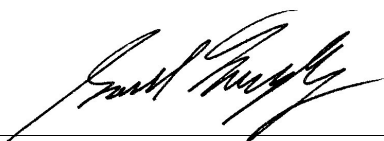
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SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.		Airport Sewage Lagoon			
			Sample I.D.		B13-21854-1			
			Date Collected		19-Aug-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
BOD	mg/L	3	SM 5210B	23-Aug-13/O	448			
Total Suspended Solids	mg/L	3	SM 2540D	23-Aug-13/O	112			
Hardness (as CaCO ₃)	mg/L	1	SM 3120	22-Aug-13/O	162			
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	21-Aug-13/O	455			
Conductivity @25 °C	µmho/cm	1	SM 2510B	23-Aug-13/O	1450			
pH @25 °C	pH Units		SM 4500H	21-Aug-13/O	7.48			
Nitrite (N)	mg/L	0.1	SM4110C	21-Aug-13/O	< 0.1			
Nitrate (N)	mg/L	0.1	SM4110C	21-Aug-13/O	< 0.1			
Chloride	mg/L	0.5	SM4110C	21-Aug-13/O	76.1			
Sulphate	mg/L	1	SM4110C	21-Aug-13/O	49			
Total Organic Carbon	mg/L	0.2	EPA 415.1	21-Aug-13/O	179			
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	27-Aug-13/O	101			
Phenolics	mg/L	0.001	MOEE 3179	23-Aug-13/O	0.227			
Aluminum (total)	mg/L	0.01	SM 3120	22-Aug-13/O	0.27			
Arsenic	mg/L	0.0005	EPA 200.8	22-Aug-13/O	0.0013			
Calcium	mg/L	0.02	SM 3120	22-Aug-13/O	46.6			
Cadmium	mg/L	0.005	SM 3120	22-Aug-13/O	< 0.005			
Cobalt	mg/L	0.005	SM 3120	22-Aug-13/O	< 0.005			
Copper	mg/L	0.002	SM 3120	22-Aug-13/O	0.139			
Chromium	mg/L	0.002	SM 3120	22-Aug-13/O	0.004			
Iron (Total)	mg/L	0.005	SM 3120	22-Aug-13/O	0.855			
Lead	mg/L	0.02	SM 3120	22-Aug-13/O	< 0.02			
Magnesium	mg/L	0.01	SM 3120	22-Aug-13/O	11.0			
Manganese (Total)	mg/L	0.001	SM 3120	22-Aug-13/O	0.063			
Mercury	mg/L	0.00002	SM 3112 B	23-Aug-13/O	0.00003			
Nickel	mg/L	0.01	SM 3120	22-Aug-13/O	< 0.01			



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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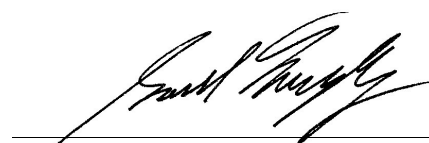
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Potassium	mg/L	0.1	SM 3120	22-Aug-13/O	28.5			
Sodium	mg/L	0.2	SM 3120	22-Aug-13/O	67.4			
Zinc	mg/L	0.005	SM 3120	22-Aug-13/O	0.178			
Oil & Grease-Total	mg/L	1.0	SM 5520	29-Aug-13/K	73.3			
Fecal Coliform	cfu/100mL	1	MOE E3371	21-Aug-13/O	800000			



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