

C.O.C.: G04873

REPORT No. B13-19057

Report To:

Hamlet of Arctic Bay

Box 150,
Arctic Bay NU X0A 0A0 Canada

Attention: Joeli Qamanirq

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
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DATE RECEIVED: 24-Jul-13

JOB/PROJECT NO.:

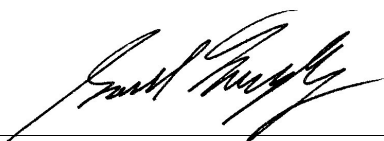
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SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.		Raw Waste Water from the Truck			
			Sample I.D.		B13-19057-1			
			Date Collected		22-Jul-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
BOD	mg/L	3	SM 5210B	26-Jul-13/O	645			
Total Suspended Solids	mg/L	3	SM 2540D	26-Jul-13/O	192			
Hardness (as CaCO ₃)	mg/L	1	SM 3120	25-Jul-13/O	66			
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	24-Jul-13/O	367			
Conductivity @25°C	µmho/cm	1	SM 2510B	26-Jul-13/O	1100			
pH @25°C	pH Units		SM 4500H	24-Jul-13/O	7.43			
Nitrite (N)	mg/L	0.1	SM4110C	24-Jul-13/O	0.2			
Nitrate (N)	mg/L	0.1	SM4110C	24-Jul-13/O	< 0.1			
Chloride	mg/L	0.5	SM4110C	24-Jul-13/O	59.3			
Sulphate	mg/L	1	SM4110C	24-Jul-13/O	3			
Total Organic Carbon	mg/L	0.2	EPA 415.1	24-Jul-13/O	106			
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	25-Jul-13/O	91.5			
Phenolics	mg/L	0.001	MOEE 3179	25-Jul-13/O	0.443			
Aluminum (total)	mg/L	0.01	SM 3120	25-Jul-13/O	1.27			
Arsenic	mg/L	0.0005	EPA 200.8	26-Jul-13/O	< 0.0005			
Calcium	mg/L	0.02	SM 3120	25-Jul-13/O	16.4			
Cadmium	mg/L	0.005	SM 3120	25-Jul-13/O	< 0.005			
Cobalt	mg/L	0.005	SM 3120	25-Jul-13/O	< 0.005			
Copper	mg/L	0.002	SM 3120	25-Jul-13/O	0.003			
Chromium	mg/L	0.002	SM 3120	25-Jul-13/O	0.081			
Iron (Total)	mg/L	0.005	SM 3120	25-Jul-13/O	1.49			
Potassium	mg/L	0.1	SM 3120	25-Jul-13/O	23.8			
Magnesium	mg/L	0.01	SM 3120	25-Jul-13/O	5.97			
Manganese (Total)	mg/L	0.001	SM 3120	25-Jul-13/O	0.059			
Mercury	mg/L	0.00002	SM 3112 B	26-Jul-13/O	0.00005			
Nickel	mg/L	0.01	SM 3120	25-Jul-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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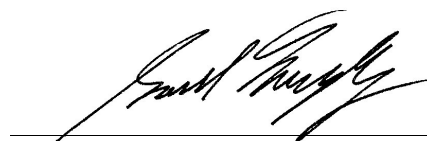
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Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Sodium	mg/L	0.2	SM 3120	25-Jul-13/O	39.6			
Lead	mg/L	0.02	SM 3120	25-Jul-13/O	< 0.02			
Zinc	mg/L	0.005	SM 3120	25-Jul-13/O	0.131			
Oil & Grease-Total	mg/L	1.0	SM 5520	30-Jul-13/K	113			
Fecal Coliform	cfu/100mL	1	MOE E3371	24-Jul-13/O	6800000			



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