

C.O.C.: ---

REPORT No. B13-24969

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
Tel: 613-526-0123
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DATE RECEIVED: 23-Sep-13

JOB/PROJECT NO.:

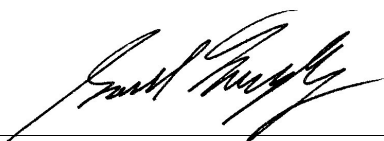
DATE REPORTED: 30-Sep-13

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.		Waste Water			
			Sample I.D.		B13-24969-1			
			Date Collected		23-Sep-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
BOD	mg/L	3	SM 5210B	25-Sep-13/O	61			
Total Suspended Solids	mg/L	3	SM 2540D	25-Sep-13/O	32			
Hardness (as CaCO ₃)	mg/L	1	SM 3120	24-Sep-13/O	88			
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	24-Sep-13/O	294			
Conductivity @25°C	µmho/cm	1	SM 2510B	25-Sep-13/O	745			
pH @25°C	pH Units		SM 4500H	24-Sep-13/O	7.37			
Nitrite (N)	mg/L	0.1	SM4110C	25-Sep-13/O	< 0.1			
Nitrate (N)	mg/L	0.1	SM4110C	25-Sep-13/O	0.2			
Chloride	mg/L	0.5	SM4110C	25-Sep-13/O	39.0			
Sulphate	mg/L	1	SM4110C	25-Sep-13/O	14			
Total Organic Carbon	mg/L	0.2	EPA 415.1	24-Sep-13/O	42.9			
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	24-Sep-13/O	43.9			
Phenolics	mg/L	0.001	MOEE 3179	25-Sep-13/O	0.256			
Aluminum (total)	mg/L	0.01	SM 3120	24-Sep-13/O	1.14			
Arsenic	mg/L	0.0001	EPA 200.8	24-Sep-13/O	0.0004			
Calcium	mg/L	0.02	SM 3120	24-Sep-13/O	17.9			
Cadmium	mg/L	0.005	SM 3120	24-Sep-13/O	< 0.005			
Cobalt	mg/L	0.005	SM 3120	24-Sep-13/O	< 0.005			
Copper	mg/L	0.002	SM 3120	24-Sep-13/O	0.041			
Chromium	mg/L	0.002	SM 3120	24-Sep-13/O	0.003			
Iron (Total)	mg/L	0.005	SM 3120	24-Sep-13/O	2.68			
Potassium	mg/L	0.1	SM 3120	24-Sep-13/O	16.8			
Magnesium	mg/L	0.01	SM 3120	24-Sep-13/O	10.5			
Manganese (Total)	mg/L	0.001	SM 3120	24-Sep-13/O	0.474			
Mercury	mg/L	0.00002	SM 3112 B	24-Sep-13/O	0.00003			
Nickel	mg/L	0.01	SM 3120	24-Sep-13/O	< 0.01			
Sodium	mg/L	0.2	SM 3120	24-Sep-13/O	50.2			
Lead	mg/L	0.02	SM 3120	24-Sep-13/O	0.07			



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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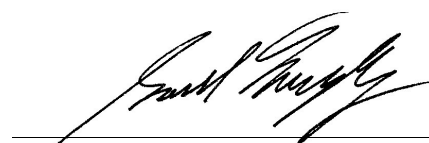
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			Date Collected		23-Sep-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Zinc	mg/L	0.005	SM 3120	24-Sep-13/O	0.048			
Oil & Grease-Total	mg/L	1.0	SM 5520	27-Sep-13/K	6.6			
Fecal Coliform	cfu/100mL	1	MOE E3371	24-Sep-13/O	470000			



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M.D.L. = Method Detection Limit

Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill

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