

C.O.C.: G27486

REPORT No. B13-03086

Report To:

Hamlet of Arctic Bay

Box 150,
Arctic Bay NU X0A 0A0 Canada

Attention: Sam Willie Foreman

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 11-Feb-13

JOB/PROJECT NO.:

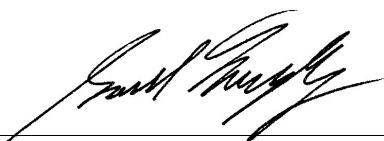
DATE REPORTED: 19-Feb-13

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Sewer Truck			
			Sample I.D.	B13-03086-1			
			Date Collected	07-Feb-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	11-Feb-13/O	891		
Total Suspended Solids	mg/L	3	SM 2540D	13-Feb-13/O	140		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	13-Feb-13/O	46		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	12-Feb-13/O	373		
Conductivity @25°C	µmho/cm	1	SM 2510B	13-Feb-13/O	1070		
pH @25°C	pH Units		SM 4500H	12-Feb-13/O	7.38		
Nitrite (N)	mg/L	0.1	SM4110C	12-Feb-13/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	12-Feb-13/O	0.1		
Chloride	mg/L	0.5	SM4110C	12-Feb-13/O	31.7		
Sulphate	mg/L	1	SM4110C	12-Feb-13/O	27		
Total Organic Carbon	mg/L	0.2	EPA 415.1	12-Feb-13/O	83.6		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	11-Feb-13/O	74.3		
Aluminum (total)	mg/L	0.01	SM 3120	13-Feb-13/O	1.77		
Arsenic	mg/L	0.0005	EPA 200.8	12-Feb-13/O	0.0010		
Calcium	mg/L	0.02	SM 3120	13-Feb-13/O	10.5		
Cadmium	mg/L	0.005	SM 3120	13-Feb-13/O	< 0.005		
Cobalt	mg/L	0.005	SM 3120	13-Feb-13/O	< 0.005		
Copper	mg/L	0.002	SM 3120	13-Feb-13/O	0.232		
Chromium	mg/L	0.002	SM 3120	13-Feb-13/O	0.003		
Iron (Total)	mg/L	0.005	SM 3120	13-Feb-13/O	0.724		
Potassium	mg/L	0.1	SM 3120	13-Feb-13/O	24.0		
Magnesium	mg/L	0.01	SM 3120	13-Feb-13/O	4.80		
Manganese (Total)	mg/L	0.001	SM 3120	13-Feb-13/O	0.039		
Mercury	mg/L	0.00002	SM 3112 B	12-Feb-13/O	0.00020		
Nickel	mg/L	0.01	SM 3120	13-Feb-13/O	< 0.01		
Sodium	mg/L	0.2	SM 3120	13-Feb-13/O	60.0		
Lead	mg/L	0.02	SM 3120	13-Feb-13/O	< 0.02		
Zinc	mg/L	0.005	SM 3120	13-Feb-13/O	0.164		



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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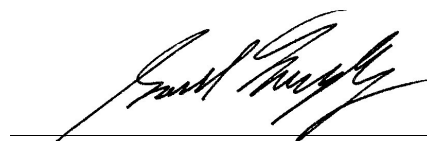
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			Date Collected	07-Feb-13				
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Oil & Grease-Total	mg/L	1.0	SM 5520	13-Feb-13/K	73.5			
Fecal Coliform	cfu/100mL	1	MOE E3371	11-Feb-13/O	8800000			



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