

C.O.C.: G26938

REPORT No. B13-27494

Report To:

Hamlet of Pond Inlet

P.O Box 379,
Pond Inlet Nunavut X0A 0S0 Canada

Attention: Mike Rubin

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
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DATE RECEIVED: 18-Oct-13

JOB/PROJECT NO.:

DATE REPORTED: 06-Nov-13

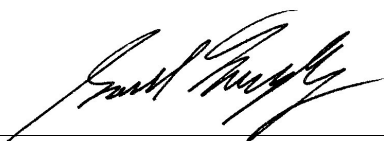
P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.		Waste Water	Sewage Truck		
			Sample I.D.		B13-27494-1	B13-27494-2		
			Date Collected		10-Oct-13	10-Oct-13		
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	24-Oct-13/O	408	534		
Conductivity @25°C	µmho/cm	1	SM 2510B	21-Oct-13/O	969	1360		
Hardness (as CaCO3)	mg/L	1	SM 3120	21-Oct-13/O	80	69		
pH @25°C	pH Units		SM 4500H	24-Oct-13/O	8.04	7.38		
BOD	mg/L	3	SM 5210B	19-Oct-13/O	13			
Total Suspended Solids	mg/L	3	SM 2540D	23-Oct-13/O	19			
Total Organic Carbon	mg/L	0.2	EPA 415.1	24-Oct-13/O	42.7	189		
Nitrite (N)	mg/L	0.1	SM4110C	24-Oct-13/O	0.4	0.2		
Nitrate (N)	mg/L	0.1	SM4110C	24-Oct-13/O	0.3	0.2		
Chloride	mg/L	0.5	SM4110C	24-Oct-13/O	79.3	76.7		
Sulphate	mg/L	1	SM4110C	24-Oct-13/O	5	5		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	06-Nov-13/O	69.7	116		
Phenolics	mg/L	0.001	MOEE 3179	23-Oct-13/O	0.004	1.18		
Aluminum (total)	mg/L	0.01	SM 3120	21-Oct-13/O	0.19	2.58		
Arsenic	mg/L	0.0001	EPA 200.8	21-Oct-13/O	0.0002	0.0002		
Calcium	mg/L	0.02	SM 3120	21-Oct-13/O	17.3	16.8		
Cadmium	mg/L	0.005	SM 3120	21-Oct-13/O	< 0.005	< 0.005		
Cobalt	mg/L	0.005	SM 3120	21-Oct-13/O	< 0.005	< 0.005		
Copper	mg/L	0.002	SM 3120	21-Oct-13/O	0.082	0.260		
Chromium	mg/L	0.002	SM 3120	21-Oct-13/O	0.003	0.005		
Iron (Total)	mg/L	0.005	SM 3120	21-Oct-13/O	0.450	1.60		
Potassium	mg/L	0.1	SM 3120	21-Oct-13/O	31.0	32.9		
Magnesium	mg/L	0.01	SM 3120	21-Oct-13/O	8.89	6.52		
Manganese (Total)	mg/L	0.001	SM 3120	21-Oct-13/O	0.227	0.087		
Mercury	mg/L	0.00002	SM 3112 B	23-Oct-13/O	0.00004	0.00019		
Sodium	mg/L	0.2	SM 3120	21-Oct-13/O	86.8	64.5		
Nickel	mg/L	0.01	SM 3120	21-Oct-13/O	0.01	< 0.01		
Lead	mg/L	0.02	SM 3120	21-Oct-13/O	< 0.02	< 0.02		

Note: O&G, TSS & BOD unable to be done because of volume received Sewage Truck.



Gord Murphy
Lab Supervisor

M.D.L. = Method Detection Limit

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

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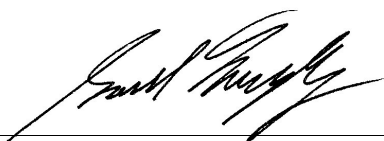
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WATERWORKS NO.

			Client I.D.	Waste Water	Sewage Truck		
			Sample I.D.	B13-27494-1	B13-27494-2		
			Date Collected	10-Oct-13	10-Oct-13		
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Zinc	mg/L	0.005	SM 3120	21-Oct-13/O	0.037	0.327	
Oil & Grease-Total	mg/L	1.0	SM 5520	24-Oct-13/K	7.1		
Fecal Coliform	cfu/100mL	1	MOE E3371	18-Oct-13/O	310	260000	

Note: O&G, TSS & BOD unable to be done because of volume received Sewage Truck.



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