

C.O.C.: ---

REPORT No. B15-17094

Report To:

Municipality of Igloolik
PO Box 30,
Igloolik NU X0A 0L0 Canada

Attention: Brian Fleming

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
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DATE RECEIVED: 09-Jul-15

JOB/PROJECT NO.:

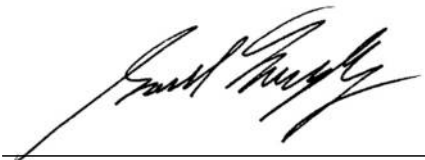
DATE REPORTED: 21-Jul-15

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Sewage Lagoon #1	Sewage Lagoon #2		
			Sample I.D.	B15-17094-1	B15-17094-2		
			Date Collected	06-Jul-15	06-Jul-15		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	10-Jul-15/O	5	408	
Total Suspended Solids	mg/L	3	SM 2540D	10-Jul-15/O	6	64	
Hardness (as CaCO ₃)	mg/L	1	SM 3120	10-Jul-15/O	185	306	
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	09-Jul-15/O	205	781	
Conductivity @25°C	µmho/cm	1	SM 2510B	09-Jul-15/O	604	2370	
pH @25°C	pH Units		SM 4500H	09-Jul-15/O	7.94	7.82	
Nitrite (N)	mg/L	0.1	SM4110C	09-Jul-15/O	< 0.1	< 0.1	
Nitrate (N)	mg/L	0.1	SM4110C	09-Jul-15/O	1.8	< 0.1	
Chloride	mg/L	0.5	SM4110C	09-Jul-15/O	47.4	207	
Sulphate	mg/L	1	SM4110C	09-Jul-15/O	44	28	
Total Organic Carbon	mg/L	0.2	EPA 415.1	13-Jul-15/O	4.6	29.8	
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	13-Jul-15/O	0.06	118	
Phenolics	mg/L	0.001	MOEE 3179	21-Jul-15/O	0.379	0.622	
Aluminum (total)	mg/L	0.01	SM 3120	10-Jul-15/O	0.20	0.25	
Arsenic	mg/L	0.0005	EPA 200.8	10-Jul-15/O	0.0014	0.0027	
Calcium	mg/L	0.02	SM 3120	10-Jul-15/O	45.4	75.9	
Cadmium	mg/L	0.005	SM 3120	10-Jul-15/O	< 0.005	< 0.005	
Chromium	mg/L	0.002	SM 3120	10-Jul-15/O	0.003	0.003	
Cobalt	mg/L	0.005	SM 3120	10-Jul-15/O	< 0.005	< 0.005	
Copper	mg/L	0.002	SM 3120	10-Jul-15/O	0.071	0.105	
Iron (Total)	mg/L	0.005	SM 3120	10-Jul-15/O	0.543	0.687	
Lead	mg/L	0.02	SM 3120	10-Jul-15/O	< 0.02	< 0.02	
Mercury	mg/L	0.00002	SM 3112 B	10-Jul-15/O	< 0.00002	< 0.00002	
Magnesium	mg/L	0.01	SM 3120	10-Jul-15/O	17.3	28.2	
Manganese (Total)	mg/L	0.001	SM 3120	10-Jul-15/O	0.044	0.081	
Nickel	mg/L	0.01	SM 3120	10-Jul-15/O	< 0.01	< 0.01	
Potassium	mg/L	0.1	SM 3120	10-Jul-15/O	26.0	46.8	



Gord Murphy
Lab Supervisor

R.L. = Reporting Limit

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

Uncertainty Values available upon request

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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			Sample I.D.	B15-17094-1	B15-17094-2		
			Date Collected	06-Jul-15	06-Jul-15		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Sodium	mg/L	0.2	SM 3120	10-Jul-15/O	89.8	157	
Zinc	mg/L	0.005	SM 3120	10-Jul-15/O	0.071	0.097	
Oil & Grease-Total	mg/L	1.0	SM 5520	14-Jul-15/K	< 1.0	14.0	
Fecal Coliform	cfu/100mL	1	MOE E3371	09-Jul-15/O	<10	4600	

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

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Lab Supervisor