

C.O.C.: ---

REPORT No. B14-15110

Report To:

Hamlet of Kimmirut

P.O Box 120,

Kimmirut Nu X0A 0N0

Attention: Saqiqtaq Tamela

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1

Tel: 613-526-0123

Fax: 613-526-1244

DATE RECEIVED: 24-Jun-14

JOB/PROJECT NO.:

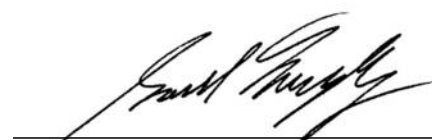
DATE REPORTED: 03-Jul-14

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Close to Lagoon	Site 2	Site 3	
			Sample I.D.	B14-15110-1	B14-15110-2	B14-15110-3	
			Date Collected	14-Jun-14	14-Jun-14	14-Jun-14	
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	25-Jun-14/O	31	25	27
Total Suspended Solids	mg/L	3	SM 2540D	25-Jun-14/O	25	30	28
Hardness (as CaCO ₃)	mg/L	1	SM 3120	25-Jun-14/O	204	194	196
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	25-Jun-14/O	177	178	178
Conductivity @25°C	µmho/cm	1	SM 2510B	26-Jun-14/O	515	514	518
pH @25°C	pH Units		SM 4500H	25-Jun-14/O	7.64	7.64	7.63
Nitrite (N)	mg/L	0.1	SM4110C	30-Jun-14/O	< 0.1	< 0.1	< 0.1
Nitrate (N)	mg/L	0.1	SM4110C	30-Jun-14/O	0.2	0.2	0.2
Chloride	mg/L	0.5	SM4110C	30-Jun-14/O	10.7	10.8	10.7
Sulphate	mg/L	1	SM4110C	30-Jun-14/O	71	71	71
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	02-Jul-14/O	11.9	12.1	11.9
Phenolics	mg/L	0.001	MOEE 3179	25-Jun-14/O	0.001	< 0.001	< 0.001
Total Organic Carbon	mg/L	0.2	EPA 415.1	25-Jun-14/O	9.9	11.6	12.0
Aluminum (total)	mg/L	0.01	SM 3120	25-Jun-14/O	0.04	0.04	0.11
Arsenic	mg/L	0.0005	EPA 200.8	25-Jun-14/O	< 0.0005	< 0.0005	< 0.0005
Calcium	mg/L	0.02	SM 3120	25-Jun-14/O	62.3	59.1	60.0
Cadmium	mg/L	0.005	SM 3120	25-Jun-14/O	< 0.005	< 0.005	< 0.005
Cobalt	mg/L	0.005	SM 3120	25-Jun-14/O	< 0.005	< 0.005	< 0.005
Copper	mg/L	0.002	SM 3120	25-Jun-14/O	0.006	0.005	0.011
Chromium	mg/L	0.002	SM 3120	25-Jun-14/O	< 0.002	< 0.002	< 0.002
Iron (Total)	mg/L	0.005	SM 3120	25-Jun-14/O	1.65	1.59	1.72
Potassium	mg/L	0.1	SM 3120	25-Jun-14/O	5.3	5.0	4.8
Magnesium	mg/L	0.01	SM 3120	25-Jun-14/O	11.8	11.2	11.3
Manganese (Total)	mg/L	0.001	SM 3120	25-Jun-14/O	0.067	0.064	0.069
Mercury	mg/L	0.00002	SM 3112 B	25-Jun-14/O	< 0.00002	< 0.00002	< 0.00002
Nickel	mg/L	0.01	SM 3120	25-Jun-14/O	< 0.01	< 0.01	< 0.01
Sodium	mg/L	0.2	SM 3120	25-Jun-14/O	15.4	14.6	14.4



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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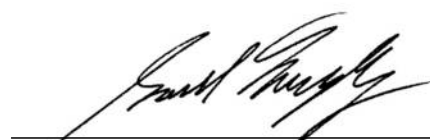
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			Date Collected	14-Jun-14	14-Jun-14	14-Jun-14	
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Lead	mg/L	0.02	SM 3120	25-Jun-14/O	< 0.02	< 0.02	< 0.02
Zinc	mg/L	0.005	SM 3120	25-Jun-14/O	0.037	0.034	0.045
Oil & Grease-Total	mg/L	1.0	SM 5520	03-Jul-14/K	5.5	6.4	6.2
Fecal Coliform	cfu/100mL	1	MOE E3371	24-Jun-14/O	146000 ¹	139000	86000

¹ duplicate Fc = 129000 cfu/100mL



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