

C.O.C.: G37042

REPORT No. B15-26245

Report To:

Municipality of Qikiqtarjuaq

P.O. Box 4,

Qikiqtarjuaq Nunavut

Attention: Geela Koonloosie

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1

Tel: 613-526-0123

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DATE RECEIVED: 07-Oct-15

JOB/PROJECT NO.:

DATE REPORTED: 14-Oct-15

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

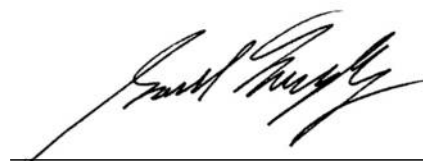
WATERWORKS NO.

			Client I.D.	Waste Water - Start	Waste Water - Middle	Waste Water - End	
			Sample I.D.	B15-26245-1	B15-26245-2	B15-26245-3	
			Date Collected	28-Sep-15	28-Sep-15	28-Sep-15	
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	08-Oct-15/O	18	35	22
Total Suspended Solids	mg/L	3	SM 2540D	09-Oct-15/O	19	15	17
Hardness (as CaCO ₃)	mg/L	1	SM 3120	08-Oct-15/O	27	28	27
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	08-Oct-15/O	125	123	123
Conductivity @25°C	µmho/cm	1	SM 2510B	08-Oct-15/O	429	419	416
pH @25°C	pH Units		SM 4500H	08-Oct-15/O	7.26	7.23	7.24
Nitrite (N)	mg/L	0.1	SM4110C	08-Oct-15/O	< 0.1	< 0.1	< 0.1
Nitrate (N)	mg/L	0.1	SM4110C	08-Oct-15/O	0.7	0.3	0.2
Chloride	mg/L	0.5	SM4110C	08-Oct-15/O	35.0	33.6	33.3
Sulphate	mg/L	1	SM4110C	08-Oct-15/O	11	11	11
Total Organic Carbon	mg/L	0.2	EPA 415.1	08-Oct-15/O	24.5	24.0	27.1
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	08-Oct-15/O	24.8	25.3	24.6
Phenolics	mg/L	0.001	MOEE 3179	09-Oct-15/O	< 0.001	< 0.001	< 0.001
Aluminum (total)	mg/L	0.01	SM 3120	08-Oct-15/O	0.18	0.21	0.22
Arsenic	mg/L	0.0005	EPA 200.8	08-Oct-15/O	0.0010	0.0008	0.0007
Calcium	mg/L	0.02	SM 3120	08-Oct-15/O	7.25	7.15	7.11
Cadmium	mg/L	0.005	SM 3120	08-Oct-15/O	< 0.005	< 0.005	< 0.005
Cobalt	mg/L	0.005	SM 3120	08-Oct-15/O	< 0.005	< 0.005	< 0.005
Copper	mg/L	0.002	SM 3120	08-Oct-15/O	0.048	0.053	0.054
Chromium	mg/L	0.002	SM 3120	08-Oct-15/O	< 0.002	< 0.002	< 0.002
Iron (Total)	mg/L	0.005	SM 3120	08-Oct-15/O	0.386	0.431	0.441
Lead	mg/L	0.02	SM 3120	08-Oct-15/O	< 0.02	< 0.02	< 0.02
Mercury	mg/L	0.00002	SM 3112 B	09-Oct-15/O	< 0.00002	< 0.00002	< 0.00002
Magnesium	mg/L	0.01	SM 3120	08-Oct-15/O	2.10	2.35	2.29
Manganese (Total)	mg/L	0.001	SM 3120	08-Oct-15/O	0.019	0.021	0.021
Nickel	mg/L	0.01	SM 3120	08-Oct-15/O	< 0.01	< 0.01	< 0.01

R.L. = Reporting Limit

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

Uncertainty Values available upon request



Gord Murphy
Lab Supervisor

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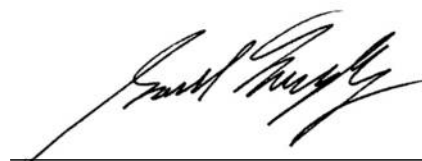
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			Date Collected	28-Sep-15	28-Sep-15	28-Sep-15	
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Potassium	mg/L	0.1	SM 3120	08-Oct-15/O	10.1	11.4	11.5
Sodium	mg/L	0.2	SM 3120	08-Oct-15/O	29.6	33.2	33.8
Zinc	mg/L	0.005	SM 3120	08-Oct-15/O	0.038	0.043	0.050
Oil & Grease-Total	mg/L	1.0	SM 5520	13-Oct-15/K	1.2	1.3	1.2
Fecal Coliform	cfu/100mL	1	MOE E3371	07-Oct-15/O	3300	3200	3600

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