

C.O.C.: G04602

REPORT No. B15-24667

Report To:

Municipality of Clyde River

Box 89,
Clyde River Nunavut X0A 0E0 Canada

Attention: David Arreak

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
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DATE RECEIVED: 22-Sep-15

JOB/PROJECT NO.:

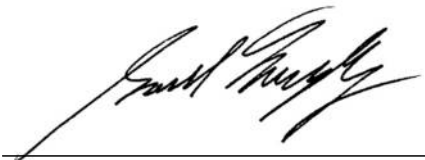
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P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Near Beach	Lagoon Flow		
			Sample I.D.	B15-24667-1	B15-24667-2		
			Date Collected	17-Sep-15	17-Sep-15		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	24-Sep-15/O	7	61	
Total Suspended Solids	mg/L	3	SM 2540D	23-Sep-15/O	4	20	
Hardness (as CaCO ₃)	mg/L	1	SM 3120	23-Sep-15/O	36	37	
Conductivity @25°C	µmho/cm	1	SM 2510B	24-Sep-15/O	252	860	
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	23-Sep-15/O	16	305	
pH @25°C	pH Units		SM 4500H	23-Sep-15/O	6.65	7.44	
Nitrite (N)	mg/L	0.1	SM4110C	23-Sep-15/O	0.2	< 0.1	
Nitrate (N)	mg/L	0.1	SM4110C	23-Sep-15/O	8.9	< 0.1	
Chloride	mg/L	0.5	SM4110C	23-Sep-15/O	32.3	51.2	
Sulphate	mg/L	1	SM4110C	23-Sep-15/O	5	11	
Total Organic Carbon	mg/L	0.2	EPA 415.1	23-Sep-15/O	39.6	46.2	
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	24-Sep-15/O	1.53	59.3	
Phenolics	mg/L	0.001	MOEE 3179	25-Sep-15/O	< 0.001	0.077	
Aluminum (total)	mg/L	0.01	SM 3120	23-Sep-15/O	0.24	0.16	
Arsenic	mg/L	0.0005	EPA 200.8	23-Sep-15/O	0.0005	0.0009	
Calcium	mg/L	0.02	SM 3120	23-Sep-15/O	7.16	7.70	
Cadmium	mg/L	0.005	SM 3120	23-Sep-15/O	< 0.005	< 0.005	
Chromium	mg/L	0.002	SM 3120	23-Sep-15/O	< 0.002	< 0.002	
Cobalt	mg/L	0.005	SM 3120	23-Sep-15/O	< 0.005	< 0.005	
Copper	mg/L	0.002	SM 3120	23-Sep-15/O	0.033	0.075	
Iron (Total)	mg/L	0.005	SM 3120	23-Sep-15/O	0.421	0.898	
Lead	mg/L	0.02	SM 3120	23-Sep-15/O	< 0.02	< 0.02	
Potassium	mg/L	0.1	SM 3120	23-Sep-15/O	5.2	18.0	
Magnesium	mg/L	0.01	SM 3120	23-Sep-15/O	4.43	4.34	
Manganese (Total)	mg/L	0.001	SM 3120	23-Sep-15/O	0.007	0.085	
Mercury	mg/L	0.00002	SM 3112 B	23-Sep-15/O	0.00003	0.00003	
Sodium	mg/L	0.2	SM 3120	23-Sep-15/O	39.4	50.6	
Nickel	mg/L	0.01	SM 3120	23-Sep-15/O	< 0.01	< 0.01	



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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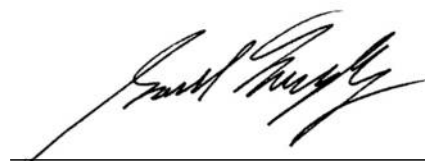
WATERWORKS NO.

			Client I.D.	Near Beach	Lagoon Flow		
			Sample I.D.	B15-24667-1	B15-24667-2		
			Date Collected	17-Sep-15	17-Sep-15		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Zinc	mg/L	0.005	SM 3120	23-Sep-15/O	0.028	0.060	
Oil & Grease-Total	mg/L	1.0	SM 5520	28-Sep-15/K	< 1.0	10.2	
Fecal Coliform	cfu/100mL	1	MOE E3371	22-Sep-15/O	76	3000	

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