

C.O.C.: G27753

REPORT No. B12-23823

Report To:

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DATE RECEIVED: 18-Sep-12

JOB/PROJECT NO.:

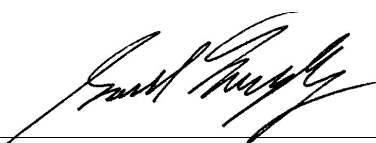
DATE REPORTED: 26-Sep-12

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

Parameter	Units	M.D.L.	Client I.D.		Raw Sewage	Wetland Water	Lagoon	Leachate
			Sample I.D.		B12-23823-1	B12-23823-2	B12-23823-3	B12-23823-4
			Date Collected		12-Sep-12	12-Sep-12	12-Sep-12	12-Sep-12
			Reference Method	Date/Site Analyzed				
Conductivity	µmho/cm	1	SM 2510B	19-Sep-12/O	1340	545	539	528
Alkalinity (as CaCO ₃)	mg/L	5	SM 2320B	19-Sep-12/O	513	174	172	170
pH	pH Units		SM 4500H	19-Sep-12/O	7.64	7.51	7.51	7.84
BOD	mg/L	3	SM 5210B	21-Sep-12/O	1220	40	40	< 3
Total Suspended Solids	mg/L	3	SM 2540D	19-Sep-12/O	1920	84	100	4
Nitrite (N)	mg/L	0.1	SM4110C	19-Sep-12/O	< 0.1	< 0.1	< 0.1	< 0.1
Nitrate (N)	mg/L	0.1	SM4110C	19-Sep-12/O	0.1	0.1	0.1	1.1
Sulphate	mg/L	1	SM4110C	19-Sep-12/O	< 1	18	17	35
Aluminum	mg/L	0.01	SM 3120	21-Sep-12/O	0.08	0.20	0.15	1.62
Arsenic	mg/L	0.0005	EPA 200.8	19-Sep-12/O	0.0006	0.0009	0.0007	0.0012
Calcium	mg/L	0.02	SM 3120	21-Sep-12/O	67.2	29.4	27.8	13.7
Cadmium	mg/L	0.005	SM 3120	21-Sep-12/O	< 0.005	< 0.005	< 0.005	< 0.005
Cobalt	mg/L	0.005	SM 3120	21-Sep-12/O	< 0.005	< 0.005	< 0.005	< 0.005
Copper	mg/L	0.002	SM 3120	21-Sep-12/O	0.016	0.035	0.030	0.090
Chromium	mg/L	0.002	SM 3120	21-Sep-12/O	0.525	0.131	0.327	< 0.002
Iron (Total)	mg/L	0.005	SM 3120	21-Sep-12/O	1.58	0.606	1.24	0.531
Lead	mg/L	0.02	SM 3120	21-Sep-12/O	< 0.02	< 0.02	< 0.02	< 0.02
Magnesium	mg/L	0.01	SM 3120	21-Sep-12/O	10.8	6.41	6.02	5.84
Manganese	mg/L	0.001	SM 3120	21-Sep-12/O	0.049	0.084	0.060	0.033
Mercury	mg/L	0.00002	SM 3112 B	21-Sep-12/O	< 0.00002	< 0.00002	< 0.00002	0.00012
Nickel	mg/L	0.01	SM 3120	21-Sep-12/O	0.25	0.23	0.11	< 0.01
Potassium	mg/L	0.1	SM 3120	21-Sep-12/O	3.1	13.7	13.1	23.2
Sodium	mg/L	0.2	SM 3120	21-Sep-12/O	30.9	47.0	45.3	69.1
Zinc	mg/L	0.005	SM 3120	21-Sep-12/O	0.028	0.035	0.028	0.210
Fecal Coliform	cfu/100mL	1	MOE E3371	19-Sep-12/O	<20	> 20000	> 20000	> 2000000



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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