

C.O.C.: G27799

REPORT No. B12-26731

Report To:

Hamlet of Resolute Bay

Government Office,
NU X0A 0V0 Canada

Attention: Martha Kaluk

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
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DATE RECEIVED: 18-Oct-12

JOB/PROJECT NO.:

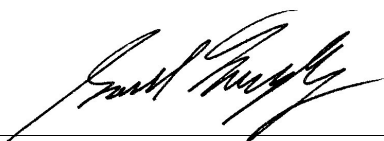
DATE REPORTED: 26-Oct-12

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Airport Lagoon	Utilidor Pipe		
			Sample I.D.	B12-26731-1	B12-26731-2		
			Date Collected	15-Oct-12	15-Oct-12		
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	19-Oct-12/O	430	8	
Total Suspended Solids	mg/L	3	SM 2540D	19-Oct-12/O	272	6	
Hardness (as CaCO ₃)	mg/L	1	SM 3120	22-Oct-12/O	156	197	
Alkalinity (as CaCO ₃)	mg/L	5	SM 2320B	22-Oct-12/O	438	99	
Conductivity	µmho/cm	1	SM 2510B	19-Oct-12/O	1340	579	
pH	pH Units		SM 4500H	22-Oct-12/O	7.36	7.60	
Nitrite (N)	mg/L	0.1	SM4110C	18-Oct-12/O	< 0.1	< 0.1	
Nitrate (N)	mg/L	0.1	SM4110C	18-Oct-12/O	< 0.1	0.1	
Chloride	mg/L	0.5	SM4110C	18-Oct-12/O	73.2	65.1	
Sulphate	mg/L	1	SM4110C	18-Oct-12/O	57	86	
Total Organic Carbon	mg/L	0.2	EPA 415.1	25-Oct-12/O	81.0	6.9	
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	19-Oct-12/O	86.1	0.18	
Phenolics	mg/L	0.001	MOEE 3179	23-Oct-12/O	0.215	< 0.001	
Aluminum (total)	mg/L	0.01	SM 3120	22-Oct-12/O	0.28	0.06	
Arsenic	mg/L	0.0005	EPA 200.8	23-Oct-12/O	0.0006	0.0008	
Calcium	mg/L	0.02	SM 3120	22-Oct-12/O	44.5	56.8	
Cadmium	mg/L	0.005	SM 3120	22-Oct-12/O	< 0.005	< 0.005	
Cobalt	mg/L	0.005	SM 3120	22-Oct-12/O	< 0.005	< 0.005	
Copper	mg/L	0.002	SM 3120	22-Oct-12/O	0.192	0.021	
Chromium	mg/L	0.002	SM 3120	22-Oct-12/O	< 0.002	< 0.002	
Iron (Total)	mg/L	0.005	SM 3120	22-Oct-12/O	0.810	< 0.005	
Lead	mg/L	0.02	SM 3120	22-Oct-12/O	< 0.02	< 0.02	
Magnesium	mg/L	0.01	SM 3120	22-Oct-12/O	10.8	13.4	
Manganese (Total)	mg/L	0.001	SM 3120	22-Oct-12/O	0.047	< 0.001	
Mercury	mg/L	0.00002	SM 3112 B	22-Oct-12/O	0.00003	< 0.00002	
Nickel	mg/L	0.01	SM 3120	22-Oct-12/O	< 0.01	< 0.01	
Potassium	mg/L	0.1	SM 3120	22-Oct-12/O	28.3	3.9	
Sodium	mg/L	0.2	SM 3120	22-Oct-12/O	80.0	43.9	



Gord Murphy
Lab Supervisor

M.D.L. = Method Detection Limit

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

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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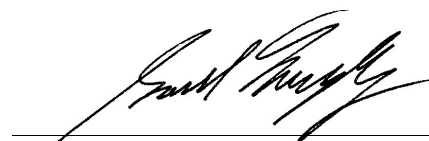
SAMPLE MATRIX: Waste Water

WATERWORKS NO.

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			Date Collected	15-Oct-12	15-Oct-12		
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Zinc	mg/L	0.005	SM 3120	22-Oct-12/O	0.165	0.019	
Oil & Grease-Total	mg/L	1.0	SM 5520	25-Oct-12/K	106	1.1	
Fecal Coliform	cfu/100mL	1	MOE E3371	19-Oct-12/O	26000000	> 20000	

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