

C.O.C.: G35586

REPORT No. B13-18933

Report To:

Hamlet of Grise Fiord

P.O. Box 77 Grise Fiord,
Grise Fiord NU X0X 0J0

Attention: Janice Anderson

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 23-Jul-13

JOB/PROJECT NO.:

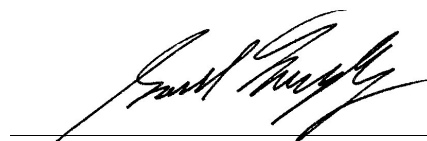
DATE REPORTED: 30-Jul-13

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Waste Water (Wetland)			
			Sample I.D.	B13-18933-1			
			Date Collected	20-Jul-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Hardness (as CaCO ₃)	mg/L	1	SM 3120	24-Jul-13/O	42		
Conductivity @25°C	µmho/cm	1	SM 2510B	24-Jul-13/O	549		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	24-Jul-13/O	182		
pH @25°C	pH Units		SM 4500H	24-Jul-13/O	7.38		
BOD	mg/L	3	SM 5210B	25-Jul-13/O	116		
Total Suspended Solids	mg/L	3	SM 2540D	24-Jul-13/O	6		
Nitrite (N)	mg/L	0.1	SM4110C	24-Jul-13/O	0.1		
Nitrate (N)	mg/L	0.1	SM4110C	24-Jul-13/O	0.1		
Sulphate	mg/L	1	SM4110C	24-Jul-13/O	13		
Arsenic	mg/L	0.0005	EPA 200.8	26-Jul-13/O	< 0.0005		
Calcium	mg/L	0.02	SM 3120	24-Jul-13/O	11.8		
Cadmium	mg/L	0.005	SM 3120	24-Jul-13/O	< 0.005		
Cobalt	mg/L	0.005	SM 3120	24-Jul-13/O	< 0.005		
Copper	mg/L	0.002	SM 3120	24-Jul-13/O	0.036		
Chromium	mg/L	0.002	SM 3120	24-Jul-13/O	< 0.002		
Iron (Total)	mg/L	0.005	SM 3120	24-Jul-13/O	0.256		
Lead	mg/L	0.02	SM 3120	24-Jul-13/O	< 0.02		
Magnesium	mg/L	0.01	SM 3120	24-Jul-13/O	3.14		
Mercury	mg/L	0.00002	SM 3112 B	24-Jul-13/O	< 0.00002		
Nickel	mg/L	0.01	SM 3120	24-Jul-13/O	< 0.01		
Potassium	mg/L	0.1	SM 3120	24-Jul-13/O	11.4		
Sodium	mg/L	0.2	SM 3120	24-Jul-13/O	32.4		
Zinc	mg/L	0.005	SM 3120	24-Jul-13/O	0.043		
Fecal Coliform	cfu/100mL	1	MOE E3371	23-Jul-13/O	82000		
Chloride	mg/L	0.5	SM4110C	24-Jul-13/O	30.7		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	25-Jul-13/O	37.6		
Phenolics	mg/L	0.001	MOEE 3179	25-Jul-13/O	0.098		



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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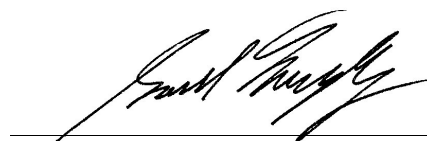
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			Date Collected		20-Jul-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Aluminum (total)	mg/L	0.01	SM 3120	24-Jul-13/O	0.11			
Manganese (Total)	mg/L	0.001	SM 3120	24-Jul-13/O	0.028			
Total Organic Carbon	mg/L	0.2	EPA 415.1	24-Jul-13/O	47.8			
Oil & Grease-Total	mg/L	1.0	SM 5520	26-Jul-13/K	4.0			



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