

C.O.C.: G35588

REPORT No. B13-20605

Report To:

Hamlet of Hall Beach
 P.O. Box 3,
 Hall Beach NU X0A 0K0 Canada

Attention: Tracy Laine

Caduceon Environmental Laboratories

2378 Holly Lane
 Ottawa Ontario K1V 7P1
 Tel: 613-526-0123
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DATE RECEIVED: 08-Aug-13

JOB/PROJECT NO.:

DATE REPORTED: 14-Aug-13

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

Client I.D.	Waste Water			
Sample I.D.	B13-20605-1			
Date Collected	07-Aug-13			

Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Hardness (as CaCO3)	mg/L	1	SM 3120	09-Aug-13/O	120			
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	08-Aug-13/O	74			
pH @25°C	pH Units		SM 4500H	08-Aug-13/O	7.53			
Conductivity @25°C	µmho/cm	1	SM 2510B	09-Aug-13/O	488			
Total Suspended Solids	mg/L	3	SM 2540D	09-Aug-13/O	32			
Nitrite (N)	mg/L	0.1	SM4110C	09-Aug-13/O	< 0.1			
Nitrate (N)	mg/L	0.1	SM4110C	09-Aug-13/O	< 0.1			
Chloride	mg/L	0.5	SM4110C	09-Aug-13/O	91.3			
Sulphate	mg/L	1	SM4110C	09-Aug-13/O	32			
Calcium	mg/L	0.02	SM 3120	09-Aug-13/O	31.1			
Magnesium	mg/L	0.01	SM 3120	09-Aug-13/O	10.3			
Sodium	mg/L	0.2	SM 3120	09-Aug-13/O	51.1			
Potassium	mg/L	0.1	SM 3120	09-Aug-13/O	6.9			
Aluminum (total)	mg/L	0.01	SM 3120	09-Aug-13/O	0.07			
Arsenic	mg/L	0.0001	EPA 200.8	09-Aug-13/O	0.0003			
Cadmium	mg/L	0.005	SM 3120	09-Aug-13/O	< 0.005			
Cobalt	mg/L	0.005	SM 3120	09-Aug-13/O	< 0.005			
Copper	mg/L	0.002	SM 3120	09-Aug-13/O	0.006			
Chromium	mg/L	0.002	SM 3120	09-Aug-13/O	0.002			
Iron (Total)	mg/L	0.005	SM 3120	09-Aug-13/O	0.183			
Lead	mg/L	0.02	SM 3120	09-Aug-13/O	< 0.02			
Manganese (Total)	mg/L	0.001	SM 3120	09-Aug-13/O	0.017			
Mercury	mg/L	0.00002	SM 3112 B	09-Aug-13/O	0.00008			
Nickel	mg/L	0.01	SM 3120	09-Aug-13/O	< 0.01			
Zinc	mg/L	0.005	SM 3120	09-Aug-13/O	0.018			
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	13-Aug-13/O	< 0.01			
Phenolics	mg/L	0.001	MOEE 3179	14-Aug-13/O	0.001			
BOD	mg/L	3	SM 5210B	09-Aug-13/O	18			



Greg Clarkin, BSc., C. Chem
 Lab Manager - Ottawa District

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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Date Collected	07-Aug-13			

Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Total Organic Carbon	mg/L	0.2	EPA 415.1	09-Aug-13/O	23.9		
Oil & Grease-Total	mg/L	1.0	SM 5520	13-Aug-13/K	< 1.0		
Fecal Coliform	cfu/100mL	1	MOE E3371	08-Aug-13/O	< 10		



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