

C.O.C.: G37698

REPORT No. B13-18632

Report To:

Gov. of Nunavut Community & Gov. Services

PO Box 1000 Stn 700, Brown Building

Iqaluit NU X0A 0H0 Canada

Attention: Erin Mentink

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DATE RECEIVED: 19-Jul-13

JOB/PROJECT NO.: Hall Beach WW Sampling

DATE REPORTED: 29-Jul-13

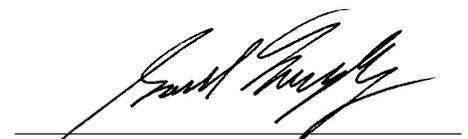
P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

Client I.D.	HAL-5	HAL-6		
Sample I.D.	B13-18632-1	B13-18632-2		
Date Collected	16-Jul-13	16-Jul-13		

Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed	HAL-5	HAL-6		
Hardness (as CaCO3)	mg/L	1	SM 3120	23-Jul-13/O	96	215		
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	23-Jul-13/O	72	193		
Conductivity @25°C	µmho/cm	1	SM 2510B	23-Jul-13/O	318	891		
pH @25°C	pH Units		SM 4500H	23-Jul-13/O	7.98	7.96		
BOD	mg/L	3	SM 5210B	24-Jul-13/O	< 3	11		
Fecal Coliform	cfu/100mL	1	MOE E3371	19-Jul-13/O	30	10		
Total Suspended Solids	mg/L	3	SM 2540D	24-Jul-13/O	< 3	8		
Nitrite (N)	mg/L	0.1	SM4110C	23-Jul-13/O	< 0.1	0.2		
Nitrate (N)	mg/L	0.1	SM4110C	23-Jul-13/O	< 0.1	1.1		
Chloride	mg/L	0.5	SM4110C	23-Jul-13/O	36.8	144		
Sulphate	mg/L	1	SM4110C	23-Jul-13/O	24	45		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	23-Jul-13/O	< 0.01	4.21		
Total Organic Carbon	mg/L	0.2	EPA 415.1	22-Jul-13/O	5.0	10.5		
Phenolics	mg/L	0.001	MOEE 3179	25-Jul-13/O	< 0.001	0.002		
Aluminum (total)	mg/L	0.01	SM 3120	23-Jul-13/O	0.02	0.04		
Arsenic	mg/L	0.0005	EPA 200.8	23-Jul-13/O	< 0.0005	0.0040		
Calcium	mg/L	0.02	SM 3120	23-Jul-13/O	29.0	60.8		
Cadmium	mg/L	0.005	SM 3120	23-Jul-13/O	< 0.005	< 0.005		
Cobalt	mg/L	0.005	SM 3120	23-Jul-13/O	< 0.005	< 0.005		
Copper	mg/L	0.002	SM 3120	23-Jul-13/O	< 0.002	0.002		
Chromium	mg/L	0.002	SM 3120	23-Jul-13/O	< 0.002	< 0.002		
Iron (Total)	mg/L	0.005	SM 3120	23-Jul-13/O	0.028	0.367		
Potassium	mg/L	0.1	SM 3120	23-Jul-13/O	1.5	11.6		
Magnesium	mg/L	0.01	SM 3120	23-Jul-13/O	5.81	15.3		
Manganese (Total)	mg/L	0.001	SM 3120	23-Jul-13/O	< 0.001	0.033		
Mercury	mg/L	0.00002	SM 3112 B	24-Jul-13/O	< 0.00002	< 0.00002		
Sodium	mg/L	0.2	SM 3120	23-Jul-13/O	20.4	82.5		
Nickel	mg/L	0.01	SM 3120	23-Jul-13/O	< 0.01	< 0.01		



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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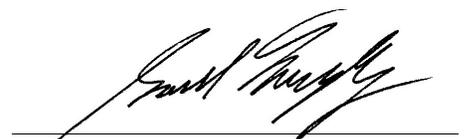
SAMPLE MATRIX: Waste Water

WATERWORKS NO.

Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed	Client I.D.		Sample I.D.		Date Collected	
					HAL-5	HAL-6	B13-18632-1	B13-18632-2	16-Jul-13	16-Jul-13
Lead	mg/L	0.02	SM 3120	23-Jul-13/O	< 0.02	< 0.02				
Zinc	mg/L	0.005	SM 3120	23-Jul-13/O	< 0.005	< 0.005				
Oil and Grease-Anim/Veg.	mg/L	1.0	SM 5520	25-Jul-13/K	2.4	1.7				
Oil and Grease-Mineral	mg/L	1.0	SM 5520	25-Jul-13/K	< 1.0	< 1.0				
Oil & Grease-Total	mg/L	1.0	SM 5520	25-Jul-13/K	2.4	1.7				

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