

C.O.C.: ---

REPORT No. B14-11617

Report To:

ATCO Structure & Logistics

PO Box 88,
NU X0A 0V0 Canada

Attention: Rick Gaulton

Caduceon Environmental Laboratories

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

DATE RECEIVED: 22-May-14

JOB/PROJECT NO.: Hamlet of Resolute Bay

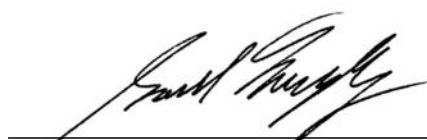
DATE REPORTED: 04-Jun-14

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.		Utilidor Discharge Pipe			
			Sample I.D.		B14-11617-1			
			Date Collected		20-May-14			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
BOD	mg/L	3	SM 5210B	23-May-14/O	16			
Total Suspended Solids	mg/L	3	SM 2540D	23-May-14/O	3			
Hardness (as CaCO ₃)	mg/L	1	SM 3120	23-May-14/O	179			
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	24-May-14/O	111			
Conductivity @25°C	µmho/cm	1	SM 2510B	23-May-14/O	533			
pH @25°C	pH Units		SM 4500H	24-May-14/O	7.87			
Nitrite (N)	mg/L	0.1	SM4110C	23-May-14/O	< 0.1			
Nitrate (N)	mg/L	0.1	SM4110C	23-May-14/O	0.3			
Chloride	mg/L	0.5	SM4110C	23-May-14/O	54.5			
Sulphate	mg/L	1	SM4110C	23-May-14/O	73			
Total Organic Carbon	mg/L	0.2	EPA 415.1	28-May-14/O	2.0			
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	03-Jun-14/O	0.24			
Phenolics	mg/L	0.001	MOEE 3179	23-May-14/O	< 0.001			
Aluminum (total)	mg/L	0.01	SM 3120	23-May-14/O	0.10			
Arsenic	mg/L	0.0005	EPA 200.8	23-May-14/O	< 0.0005			
Calcium	mg/L	0.02	SM 3120	23-May-14/O	50.6			
Cadmium	mg/L	0.005	SM 3120	23-May-14/O	< 0.005			
Cobalt	mg/L	0.005	SM 3120	23-May-14/O	< 0.005			
Copper	mg/L	0.002	SM 3120	23-May-14/O	0.010			
Chromium	mg/L	0.002	SM 3120	23-May-14/O	< 0.002			
Iron (Total)	mg/L	0.005	SM 3120	23-May-14/O	0.005			
Lead	mg/L	0.02	SM 3120	23-May-14/O	< 0.02			
Magnesium	mg/L	0.01	SM 3120	23-May-14/O	12.8			
Manganese (Total)	mg/L	0.001	SM 3120	23-May-14/O	0.006			
Mercury	mg/L	0.00002	SM 3112 B	23-May-14/O	< 0.00002			
Nickel	mg/L	0.01	SM 3120	23-May-14/O	< 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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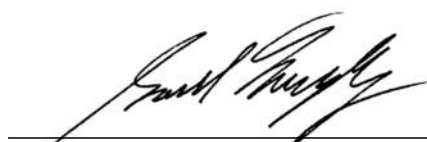
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			Date Collected		20-May-14			
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Potassium	mg/L	0.1	SM 3120	23-May-14/O	3.7			
Sodium	mg/L	0.2	SM 3120	23-May-14/O	40.1			
Zinc	mg/L	0.005	SM 3120	23-May-14/O	0.007			
Oil & Grease-Total	mg/L	1.0	SM 5520	28-May-14/K	< 1.0			
Fecal Coliform	cfu/100mL	1	MOE E3371	22-May-14/O	5700			



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