

C.O.C.: ---

REPORT No. B14-25083

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: 26-Sep-14

JOB/PROJECT NO.: Hamlet of Resolute Bay

DATE REPORTED: 08-Oct-14

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	RUT-2			
			Sample I.D.	B14-25083-1			
			Date Collected	24-Sep-14			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	27-Sep-14/O	10		
Total Suspended Solids	mg/L	3	SM 2540D	01-Oct-14/O	8		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	29-Sep-14/O	153		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	29-Sep-14/O	98		
Conductivity @25°C	µmho/cm	1	SM 2510B	29-Sep-14/O	387		
pH @25°C	pH Units		SM 4500H	29-Sep-14/O	7.76		
Nitrite (N)	mg/L	0.1	SM4110C	01-Oct-14/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	01-Oct-14/O	0.2		
Chloride	mg/L	0.5	SM4110C	01-Oct-14/O	31.5		
Sulphate	mg/L	1	SM4110C	01-Oct-14/O	53		
Total Organic Carbon	mg/L	0.2	EPA 415.1	01-Oct-14/O	5.1		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	29-Sep-14/O	1.28		
Phenolics	mg/L	0.001	MOEE 3179	03-Oct-14/O	< 0.001		
Aluminum (total)	mg/L	0.01	SM 3120	29-Sep-14/O	0.07		
Arsenic	mg/L	0.0005	EPA 200.8	29-Sep-14/O	< 0.0005		
Calcium	mg/L	0.02	SM 3120	29-Sep-14/O	45.6		
Cadmium	mg/L	0.005	SM 3120	29-Sep-14/O	< 0.005		
Cobalt	mg/L	0.005	SM 3120	29-Sep-14/O	< 0.005		
Copper	mg/L	0.002	SM 3120	29-Sep-14/O	0.029		
Chromium	mg/L	0.002	SM 3120	29-Sep-14/O	< 0.002		
Iron (Total)	mg/L	0.005	SM 3120	29-Sep-14/O	0.118		
Potassium	mg/L	0.1	SM 3120	29-Sep-14/O	3.4		
Magnesium	mg/L	0.01	SM 3120	29-Sep-14/O	9.40		
Manganese (Total)	mg/L	0.001	SM 3120	29-Sep-14/O	0.027		
Mercury	mg/L	0.00002	SM 3112 B	29-Sep-14/O	< 0.00002		
Sodium	mg/L	0.2	SM 3120	29-Sep-14/O	23.5		
Nickel	mg/L	0.01	SM 3120	29-Sep-14/O	0.02		
Lead	mg/L	0.02	SM 3120	29-Sep-14/O	< 0.02		



M.D.L. = Method Detection Limit
Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill

Gord Murphy
Lab Supervisor

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Zinc	mg/L	0.005	SM 3120	29-Sep-14/O	0.074		
Oil & Grease-Total	mg/L	1.0	SM 5520	07-Oct-14/K	2.0		
Fecal Coliform	cfu/100mL	1	MOE E3371	26-Sep-14/O	10400		



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