

C.O.C.: ---

REPORT No. B15-15517

Report To:

ATCO Structure & Logistics
PO Box 88, Hamlet of Resolute Bay
NU X0A 0V0 Canada

Attention: Rick Gaulton

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
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DATE RECEIVED: 25-Jun-15

JOB/PROJECT NO.: Hamlet of Resolute Bay

DATE REPORTED: 09-Jul-15

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Sewer Outfall			
			Sample I.D.	B15-15517-1			
			Date Collected	22-Jun-15			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	25-Jun-15/O	8		
Total Suspended Solids	mg/L	3	SM 2540D	03-Jul-15/O	9		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	26-Jun-15/O	126		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	26-Jun-15/O	97		
Conductivity @25°C	µmho/cm	1	SM 2510B	26-Jun-15/O	345		
pH @25°C	pH Units		SM 4500H	26-Jun-15/O	7.49		
Nitrite (N)	mg/L	0.1	SM4110C	27-Jun-15/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	27-Jun-15/O	0.4		
Chloride	mg/L	0.5	SM4110C	27-Jun-15/O	20.5		
Sulphate	mg/L	1	SM4110C	27-Jun-15/O	41		
Total Organic Carbon	mg/L	0.2	EPA 415.1	06-Jul-15/O	3.0		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	30-Jun-15/O	0.48		
Phenolics	mg/L	0.001	MOEE 3179	03-Jul-15/O	0.083		
Arsenic	mg/L	0.0005	EPA 200.8	29-Jun-15/O	< 0.0005		
Aluminum	mg/L	0.01	SM 3120	26-Jun-15/O	0.07		
Calcium	mg/L	0.02	SM 3120	26-Jun-15/O	37.5		
Cadmium	mg/L	0.005	SM 3120	26-Jun-15/O	< 0.005		
Chromium	mg/L	0.002	SM 3120	26-Jun-15/O	< 0.002		
Cobalt	mg/L	0.005	SM 3120	26-Jun-15/O	< 0.005		
Copper	mg/L	0.002	SM 3120	26-Jun-15/O	0.007		
Iron	mg/L	0.005	SM 3120	26-Jun-15/O	0.074		
Lead	mg/L	0.02	SM 3120	26-Jun-15/O	< 0.02		
Magnesium	mg/L	0.01	SM 3120	26-Jun-15/O	7.87		
Manganese	mg/L	0.001	SM 3120	26-Jun-15/O	0.004		
Mercury	mg/L	0.00002	SM 3112 B	29-Jun-15/O	< 0.00002		
Nickel	mg/L	0.01	SM 3120	26-Jun-15/O	< 0.01		
Potassium	mg/L	0.1	SM 3120	26-Jun-15/O	2.2		



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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Sodium	mg/L	0.2	SM 3120	26-Jun-15/O	14.6			
Zinc	mg/L	0.005	SM 3120	26-Jun-15/O	0.010			
Oil & Grease-Total	mg/L	1.0	SM 5520	29-Jun-15/K	1.2			
Fecal Coliform	cfu/100mL	1	MOE E3371	25-Jun-15/O	7400			



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