

Certificate of Analysis
Final Report

Report To:

ATCO Structure & Logistics Services Ltd

PO Box 88, Hamlet of Resolute Bay

NU X0A 0V0 Canada

Attention: Philip Chubbs

DATE SUBMITTED: 29-Jul-19

DATE REPORTED: 6-Aug-19

SAMPLE MATRIX: Waste Water

Client ID:

Sample ID:

Date Collected:

Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed
Hardness (as CaCO ₃)	mg/L	1	SM 3120	02-Aug-19/O
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	29-Jul-19/O
pH @25°C	pH Units		SM 4500H	29-Jul-19/O
Conductivity @25°C	µmho/cm	1	SM 2510B	29-Jul-19/O
Total Suspended Solids	mg/L	3	SM2540D	30-Jul-19/K
Chloride	mg/L	0.5	SM4110C	30-Jul-19/O
Nitrite (N)	mg/L	0.1	SM4110C	30-Jul-19/O
Nitrate (N)	mg/L	0.1	SM4110C	30-Jul-19/O
Sulphate	mg/L	1	SM4110C	30-Jul-19/O
Aluminum	mg/L	0.01	SM 3120	02-Aug-19/O
Arsenic	mg/L	0.0005	EPA 200.8	31-Jul-19/O
Cadmium	mg/L	0.005	SM 3120	02-Aug-19/O
Calcium	mg/L	0.02	SM 3120	02-Aug-19/O
Chromium	mg/L	0.002	SM 3120	02-Aug-19/O
Cobalt	mg/L	0.005	SM 3120	02-Aug-19/O
Copper	mg/L	0.002	SM 3120	02-Aug-19/O
Iron	mg/L	0.005	SM 3120	02-Aug-19/O
Lead	mg/L	0.02	SM 3120	02-Aug-19/O
Magnesium	mg/L	0.02	SM 3120	02-Aug-19/O
Manganese	mg/L	0.001	SM 3120	02-Aug-19/O
Mercury	mg/L	0.00002	SM 3112 B	02-Aug-19/O
Nickel	mg/L	0.01	SM 3120	02-Aug-19/O
Potassium	mg/L	0.1	SM 3120	02-Aug-19/O
Sodium	mg/L	0.2	SM 3120	02-Aug-19/O
Zinc	mg/L	0.005	SM 3120	02-Aug-19/O
Ammonia (N)-Total	mg/L	0.01	SM4500-NH ₃ -H	31-Jul-19/K
Phenolics	mg/L	0.002	MOEE 3179	01-Aug-19/K
BOD(5 day)	mg/L	3	SM 5210B	29-Jul-19/K
Total Organic Carbon	mg/L	0.2	EPA 415.1	30-Jul-19/O
Oil & Grease-Total	mg/L	1	SM 5520	02-Aug-19/K

Fecal Coliform	cfu/100mL	1	MOE E3371	29-Jul-19/O
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REPORT No. B19-23121

2378 Holly Lane
Ottawa Ontario K1V 7P1

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Resolute Bay (Sewage Outfall)

P.O. NUMBER:

WATERWORKS NO.:

Sewer Outfall B19-23121-1 24-Jul-19
114
111
7.67
352
35
18.3
< 0.1
< 0.1
31
0.04
< 0.0005
< 0.005
34.5
< 0.002
< 0.005
0.037
0.058
< 0.02
6.8
0.004
< 0.00002
< 0.01
2.8
13.7
0.05
2.28
0.004
15
4.6
5

5700