

C.O.C.: ---

REPORT No. B16-22948

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
Fax: 613-526-1244

DATE RECEIVED: 04-Aug-16

JOB/PROJECT NO.: Resolute Bay Waste Water

DATE REPORTED: 10-Aug-16

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Sample Sewer			
			Sample I.D.	B16-22948-1			
			Date Collected	01-Aug-16			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	05-Aug-16/O	15		
Total Suspended Solids	mg/L	3	SM 2540D	05-Aug-16/O	18		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	05-Aug-16/O	150		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	05-Aug-16/O	97		
Conductivity @25°C	µmho/cm	1	SM 2510B	05-Aug-16/O	471		
pH @25°C	pH Units		SM 4500H	05-Aug-16/O	7.75		
Nitrite (N)	mg/L	0.1	SM4110C	04-Aug-16/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	04-Aug-16/O	0.3		
Chloride	mg/L	0.5	SM4110C	04-Aug-16/O	55.4		
Sulphate	mg/L	1	SM4110C	04-Aug-16/O	64		
Total Organic Carbon	mg/L	0.2	EPA 415.1	04-Aug-16/O	9.2		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	08-Aug-16/O	0.02		
Phenolics	mg/L	0.001	MOEE 3179	05-Aug-16/O	< 0.001		
Aluminum (total)	mg/L	0.01	SM 3120	05-Aug-16/O	0.05		
Arsenic	mg/L	0.0005	EPA 200.8	05-Aug-16/O	0.0005		
Calcium	mg/L	0.02	SM 3120	05-Aug-16/O	41.5		
Cadmium	mg/L	0.005	SM 3120	05-Aug-16/O	< 0.005		
Cobalt	mg/L	0.005	SM 3120	05-Aug-16/O	< 0.005		
Copper	mg/L	0.002	SM 3120	05-Aug-16/O	0.023		
Chromium	mg/L	0.002	SM 3120	05-Aug-16/O	< 0.002		
Iron (Total)	mg/L	0.005	SM 3120	05-Aug-16/O	0.074		
Lead	mg/L	0.02	SM 3120	05-Aug-16/O	< 0.02		
Magnesium	mg/L	0.01	SM 3120	05-Aug-16/O	11.2		
Manganese (Total)	mg/L	0.001	SM 3120	05-Aug-16/O	0.005		
Mercury	mg/L	0.00002	SM 3112 B	05-Aug-16/O	< 0.00002		
Nickel	mg/L	0.01	SM 3120	05-Aug-16/O	< 0.01		
Potassium	mg/L	0.1	SM 3120	05-Aug-16/O	3.4		

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an *

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.



Gord Murphy
Lab Supervisor

C.O.C.: ---

REPORT No. B16-22948

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
Fax: 613-526-1244

DATE RECEIVED: 04-Aug-16

JOB/PROJECT NO.: Resolute Bay Waste Water

DATE REPORTED: 10-Aug-16

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Sample Sewer			
			Sample I.D.	B16-22948-1			
			Date Collected	01-Aug-16			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Sodium	mg/L	0.2	SM 3120	05-Aug-16/O	35.4		
Zinc	mg/L	0.005	SM 3120	05-Aug-16/O	0.042		
Oil & Grease-Total	mg/L	1.0	SM 5520	08-Aug-16/K	2.8		
Fecal Coliform	cfu/100mL	1	MOE E3371	04-Aug-16/O	1500		

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an *

Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill



Gord Murphy
Lab Supervisor

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.