

C.O.C.: ---

REPORT No. B18-32499

Report To:

Municipality of Qikiqtarjuaq

P.O. Box 4,

Qikiqtarjuaq Nunavut

Attention: SAO -

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1

Tel: 613-526-0123

Fax: 613-526-1244

DATE RECEIVED: 19-Oct-18

JOB/PROJECT NO.:

DATE REPORTED: 06-Nov-18

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.		First Discharge Qik 6	Middle Sample Qik 6		
			Sample I.D.		B18-32499-1	B18-32499-2		
			Date Collected		15-Oct-18	15-Oct-18		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed				
Hardness (as CaCO ₃)	mg/L	1	SM 3120	01-Nov-18/O	33	34		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	26-Oct-18/O	26	27		
pH @25°C	pH Units		SM 4500H	26-Oct-18/O	7.54	7.40		
Conductivity @25°C	µmho/cm	1	SM 2510B	26-Oct-18/O	114	114		
Total Suspended Solids	mg/L	3	SM2540D	24-Oct-18/K	26	10		
Chloride	mg/L	0.5	SM4110C	29-Oct-18/O	16.0	15.2		
Nitrite (N)	mg/L	0.1	SM4110C	29-Oct-18/O	< 0.1	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	29-Oct-18/O	< 0.1	< 0.1		
Sulphate	mg/L	1	SM4110C	29-Oct-18/O	2	2		
Calcium	mg/L	0.02	SM 3120	01-Nov-18/O	8.84	9.19		
Magnesium	mg/L	0.02	SM 3120	01-Nov-18/O	2.61	2.67		
Sodium	mg/L	0.2	SM 3120	01-Nov-18/O	14.8	14.5		
Potassium	mg/L	0.1	SM 3120	01-Nov-18/O	3.6	3.5		
Aluminum	mg/L	0.01	SM 3120	01-Nov-18/O	0.21	0.05		
Arsenic	mg/L	0.0005	EPA 200.8	23-Oct-18/O	< 0.0005	< 0.0005		
Cadmium	mg/L	0.005	SM 3120	01-Nov-18/O	< 0.005	< 0.005		
Chromium	mg/L	0.002	SM 3120	01-Nov-18/O	< 0.002	< 0.002		
Cobalt	mg/L	0.005	SM 3120	01-Nov-18/O	< 0.005	< 0.005		
Copper	mg/L	0.002	SM 3120	01-Nov-18/O	0.010	0.012		
Iron	mg/L	0.005	SM 3120	01-Nov-18/O	1.02	0.845		
Lead	mg/L	0.02	SM 3120	01-Nov-18/O	< 0.02	< 0.02		
Manganese	mg/L	0.001	SM 3120	01-Nov-18/O	0.041	0.037		
Mercury	mg/L	0.00002	SM 3112 B	05-Nov-18/O	< 0.00002	< 0.00002		
Nickel	mg/L	0.01	SM 3120	01-Nov-18/O	< 0.01	< 0.01		
Zinc	mg/L	0.005	SM 3120	01-Nov-18/O	0.017	0.013		

NOTE:Fecal Coliform passed acceptable holding time upon arrival at Lab.



R.L. = Reporting Limit

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

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

Greg Clarkin , BSc., C. Chem
Lab Manager - Ottawa District

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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			Date Collected	15-Oct-18	15-Oct-18		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	24-Oct-18/K	1.47	1.55	
Phenolics	mg/L	0.002	MOEE 3179	26-Oct-18/K	< 0.002	0.003	
BOD(5 day)	mg/L	2	SM 5210B	22-Oct-18/K	6	5	
Total Organic Carbon	mg/L	0.2	EPA 415.1	29-Oct-18/O	10.6	11.3	
Oil & Grease-Total	mg/L	1.0	SM 5520	25-Oct-18/K	1.1	< 1.0	
Fecal Coliform	cfu/100mL	1	MOE E3371	19-Oct-18/O	< 2	< 2	

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