

C.O.C.: G 110726

REPORT No: 23-024165 - Rev. 0

Report To:

Municipality of Qikiqtarjuaq
P.O. Box 4
Qikiqtarjuaq, NU

CADUCEON Environmental Laboratories

2378 Holly Lane
Ottawa, ON K1V 7P1

Attention: Samuel Nuqingaq

DATE RECEIVED: 2023-Sep-11
DATE REPORTED: 2023-Sep-22
SAMPLE MATRIX: Waste Water

CUSTOMER PROJECT:
P.O. NUMBER:

Analyses	Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
Anions (Liquid)	1	OTTAWA	PCURIEL	2023-Sep-12	A-IC-01	SM 4110B
BOD5 (Liquid)	1	KINGSTON	JWOLFE	2023-Sep-14	BOD-001	SM 5210B
Cond/pH/Alk Auto (Liquid)	1	OTTAWA	SBOUDREAU	2023-Sep-12	COND-02/PH-02/A LK-02	SM 2510B/4500H/ 2320B
Fecal Coliforms (Liquid)	1	OTTAWA	SLOZO	2023-Sep-12	FC-001	SM 9222D
ICP/MS Total (Liquid)	1	OTTAWA	AOZKAYMAK	2023-Sep-12	D-ICPMS-01	EPA 6020
ICP/OES Total (Liquid)	1	OTTAWA	NHOGAN	2023-Sep-12	D-ICP-01	SM 3120B
Mercury (Liquid)	1	OTTAWA	TBENNETT	2023-Sep-12	D-HG-02	SM 3112B
Ammonia & o-Phosphate (Liquid)	1	KINGSTON	AMANIYA	2023-Sep-19	NH3-001	SM 4500NH3
Oil & Grease (Liquid)	1	KINGSTON	MLANE	2023-Sep-13	O&G-001	SM 5520
Phenols (Liquid)	1	KINGSTON			PHEN-01	MECP E3179
Total Organic Carbon (TOC)	1	OTTAWA	VKASYAN	2023-Sep-12	C-OC-01	EPA 415.2
TSS (Liquid)	1	KINGSTON	AMANIYA	2023-Sep-15	TSS-001	SM 2540D

R.L. = Reporting Limit

NC = Not Calculated

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

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Preliminary Report
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		Client I.D.	QIK-6
		Sample I.D.	23-024165-1
		Date Collected	2023-09-07
Parameter	Units	R.L.	-
Fecal Coliform	CFU/100mL	1	640000
Alkalinity(CaCO3) to pH4.5	mg/L	5	175
pH @25°C	pH units	-	7.46
Conductivity @25°C	uS/cm	1	503
Chloride	mg/L	0.5	22.9
Nitrate (N)	mg/L	0.05	0.09
Nitrite (N)	mg/L	0.05	0.13
Sulphate	mg/L	1	4
BOD5	mg/L	3	59
Total Suspended Solids	mg/L	3	55
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	47.5
Total Organic Carbon	mg/L	0.2	33.9
Phenolics	mg/L	0.001	Pending
Hardness (as CaCO3)	mg/L	-	20
Aluminum (Total)	mg/L	0.01	0.15
Cadmium (Total)	mg/L	0.005	<0.005
Calcium (Total)	mg/L	0.02	3.51
Chromium (Total)	mg/L	0.002	0.002
Cobalt (Total)	mg/L	0.005	<0.005
Copper (Total)	mg/L	0.002	0.101
Iron (Total)	mg/L	0.005	0.883

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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Preliminary Report
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		Client I.D.	QIK-6
		Sample I.D.	23-024165-1
		Date Collected	2023-09-07
Parameter	Units	R.L.	-
Lead (Total)	mg/L	0.02	<0.02
Magnesium (Total)	mg/L	0.02	1.56
Manganese (Total)	mg/L	0.001	0.030
Nickel (Total)	mg/L	0.01	<0.01
Potassium (Total)	mg/L	0.1	13.1
Sodium (Total)	mg/L	0.2	22.1
Zinc (Total)	mg/L	0.005	0.056
Arsenic (Total)	mg/L	0.0005	<0.0005
Mercury	mg/L	0.00002	0.00004

		Client I.D.	QIK-6
		Sample I.D.	23-024165-1
		Date Collected	2023-09-07
Parameter	Units	R.L.	-
Oil & Grease (Total)	mg/L	1.0	14.3

Bacteria passed holding time.