

C.O.C.: G 095823

REPORT No: 23-022501 - Rev. 0

Report To:

Hamlet of Pangnirtung
P.O. Box 253
Pangnirtung, NVT X0A 0R0

CADUCEON Environmental Laboratories

2378 Holly Lane
Ottawa, ON K1V 7P1

Attention: Nancy Anilniliak

DATE RECEIVED: 2023-Aug-28
DATE REPORTED: 2023-Sep-11
SAMPLE MATRIX: Waste Water

CUSTOMER PROJECT:
P.O. NUMBER:

Analyses	Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
Anions (Liquid)	2	OTTAWA	VKASYAN	2023-Aug-29	A-IC-01	SM 4110B
BOD5 (Liquid)	2	KINGSTON	JWOLFE	2023-Aug-31	BOD-001	SM 5210B
Cond/pH/Alk Auto (Liquid)	2	OTTAWA	SBOUDREAU	2023-Aug-28	COND-02/PH-02/A LK-02	SM 2510B/4500H/ 2320B
Fecal Coliforms (Liquid)	2	OTTAWA	HALIPDA	2023-Aug-28	FC-001	SM 9222D
ICP/MS Total (Liquid)	2	OTTAWA	AOZKAYMAK	2023-Aug-29	D-ICPMS-01	EPA 6020
ICP/OES Total (Liquid)	2	OTTAWA	AOZKAYMAK	2023-Aug-29	D-ICP-01	SM 3120B
Mercury (Liquid)	2	OTTAWA	TBENNETT	2023-Aug-30	D-HG-02	SM 3112B
Ammonia & o-Phosphate (Liquid)	2	KINGSTON	KDIBBITS	2023-Sep-01	NH3-001	SM 4500NH3
Oil & Grease (Liquid)	2	KINGSTON	MLANE	2023-Aug-31	O&G-001	SM 5520
Phenols (Liquid)	2	KINGSTON	JMACINNES	2023-Sep-11	PHEN-01	MECP E3179
Total Organic Carbon (TOC)	2	OTTAWA	VKASYAN	2023-Aug-28	C-OC-01	EPA 415.2
TSS (Liquid)	2	KINGSTON	JMACINNES	2023-Sep-07	TSS-001	SM 2540D

R.L. = Reporting Limit

NC = Not Calculated

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



Michelle Dubien
Laboratory Manager

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			Client I.D.	PAN-3	PAN-4
			Sample I.D.	23-022501-1	23-022501-2
			Date Collected	2023-08-22	2023-08-22
Parameter	Units	R.L.		-	-
Fecal Coliform	CFU/100mL	1		7800	2300
Alkalinity(CaCO3) to pH4.5	mg/L	5		169	653
pH @25°C	pH units	-		7.62	7.72
Conductivity @25°C	uS/cm	1		746	3340
Chloride	mg/L	0.5		55.0	148
Nitrate (N)	mg/L	0.05		5.65	67.8
Nitrite (N)	mg/L	0.05		0.45	8.64
Sulphate	mg/L	1		31	755
BOD5	mg/L	3		54	39
Total Suspended Solids	mg/L	3		42	42
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05		52.0	64.1
Total Organic Carbon	mg/L	0.2		47.9	68.0
Phenolics	mg/L	0.001		0.010	0.027
Hardness (as CaCO3)	mg/L	-		30	1000
Aluminum (Total)	mg/L	0.01		0.83	0.20
Cadmium (Total)	mg/L	0.005		<0.005	<0.005
Calcium (Total)	mg/L	0.02		7.96	350
Chromium (Total)	mg/L	0.002		0.003	<0.002
Cobalt (Total)	mg/L	0.005		<0.005	0.019
Copper (Total)	mg/L	0.002		0.195	0.415
Iron (Total)	mg/L	0.005		1.28	3.28



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			Client I.D.	PAN-3	PAN-4
			Sample I.D.	23-022501-1	23-022501-2
			Date Collected	2023-08-22	2023-08-22
Parameter	Units	R.L.		-	-
Lead (Total)	mg/L	0.02		<0.02	<0.02
Magnesium (Total)	mg/L	0.02		3.60	47.1
Manganese (Total)	mg/L	0.001		0.051	2.41
Nickel (Total)	mg/L	0.01		<0.01	0.05
Potassium (Total)	mg/L	0.1		28.7	84.0
Sodium (Total)	mg/L	0.2		42.7	153
Zinc (Total)	mg/L	0.005		0.280	1.63
Arsenic (Total)	mg/L	0.0005		0.0016	0.0119
Mercury	mg/L	0.00002		0.00007	0.00062

			Client I.D.	PAN-3	PAN-4
			Sample I.D.	23-022501-1	23-022501-2
			Date Collected	2023-08-22	2023-08-22
Parameter	Units	R.L.		-	-
Oil & Grease (Total)	mg/L	1.0		2.5	7.2

Bacteria passed holding time.



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