



Decanting the sewage lagoon

Shane Turner <S.Turner@iqaluit.ca>

Wed, Sep 30, 2020 at 2:43 PM

To: "Mesher, Jonathan (AADNC/AANDC)" <jonathan.mesher@canada.ca>

Cc: "licensing@nwb-oen.ca" <licensing@nwb-oen.ca>, Pat Wolfe <P.Wolfe@iqaluit.ca>

Good day Jonathan,

The city is looking to decant the sewage lagoon again as we could not fully decant and we were only able to go down about two feet due to the contractor that was hired apparently damaged the intake pipe (lagoon side) while desludging the lagoon (I believe last year) that goes into the AV and through the valve to decant the lagoon. So they are going to have to pump the lagoon down and repair the pipe. I plan to tell them to start the decant on October 14, 2020. As usual we will be doing our tests as per required. If you have any questions please feel free to contact me.

As well I have included the pre decant, midway and before stopping the decant lab tests.

Shane Turner

s.turner@iqaluit.ca

867-222-2165

Superintendent of utilidor and

Trucks services

City of Iqaluit

Iqaluit, Nunavut

----- Forwarded message -----

From: "noreply@city.iqaluit.nu.ca" <noreply@city.iqaluit.nu.ca>

To: Shane Turner <S.Turner@iqaluit.ca>

Cc:

Bcc:

Date: Wed, 30 Sep 2020 14:52:36 +0000
Subject: Scanned from a Xerox Multifunction Printer

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To: Shane Turner <S.Turner@iqaluit.ca>
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Bcc:
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6 attachments



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2685K



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3678K

REPORT NUMBER (Lab Use)



	Yes	No
(If yes, submit all Drinking Water Samples on a Drinking Water Chain of Custody)	<input type="checkbox"/>	<input type="checkbox"/>

Organization:	City of Iqaluit		Address:	Box 460 Iqaluit Nu X0A0H0		Invoicing Address (if different):										
Contact:	Emmanuel Kayode															
Tel:	Fax:															
Email:	e Kayode@cityofiqaluit.ca		Quote #:			Project Name/ID:										
Additional Info (email, cell, etc):			P.O. #:	460		Additional Info:										
						ANALYSES REQUESTED			TURNAROUND SERVICE REQUESTED (see back page)							
												<input type="checkbox"/> Platinum* <input type="checkbox"/> Gold* <input type="checkbox"/> Silver <input type="checkbox"/> Bronze <input checked="" type="checkbox"/> Standard Specific Date:				
												*Must be arranged in advance 200% Surcharge 100% Surcharge 50% Surcharge 25% Surcharge 5-7 days				

[illegible]

SAMPLE SUBMISSION INFORMATION		SHIPPING INFORMATION		REPORTING / INVOICING		SAMPLE RECEIVING INFORMATION (LABORATORY USE ONLY)	
Sampled by:	Submitted by:	Courier (Client account)	<input checked="" type="checkbox"/>	Invoice	Report by Fax	Received By (print):	Signature:
Print: Emma anuel	Emma anuel	Courier (Caduceon account)	<input type="checkbox"/>		Report by Email	Date Received (yy-mm-dd): 19/08/20	Time Received: 12:40 hrs
Sign: K. Lopez	K. Lopez	Drop Off	<input type="checkbox"/>	# of Pieces	Invoice by Email	Laboratory Prepared Bottles: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
	20-08-18	Caduceon (Pick-up)	<input type="checkbox"/>		Invoice by Mail	Sample Temperature °C: 12.10	Labeled by:
	Date (yy-mm-dd) (inv#)						

2pet, Bact, NP, M, Hg

QUOTATION FOR ANALYTICAL SERVICES

Quote #: YD20_Iqaluit_F
Organization: City of Iqaluit
Contact: Mike Hatfield
Telephone: 867-979-6363
Facsimile: M.Hatfield@city.iqaluit.nu.ca
Email: TEST F - Sewage Lagoon
Project #: Box 460, Iqaluit NU, X0A 0H0
Address: QUOTE # (S) MUST BE ON C.O.F C TO APPLY if not listed. General pricing will be applied.
Additional Info: Replacing Quote YD19_Iqaluit_F
Date: 1-Jan-20 Valid Until: 31-Dec-20

Item #	Quantity	Analysis Request	Matrix	Unit Cost, \$	Amount, \$
1	1	BOD	WW	30.60	30.60
2	1	Total Coliform / Fecal Coliform	WW	31.65	31.65
3	1	Ammonia, NO2/NO3	WW	30.60	30.60
4	1	Total Phosphorus	WW	17.75	17.75
5	1	Orthophosphate	WW	17.75	17.75
6	1	Conductivity	WW	9.65	9.65
7	1	TSS	WW	17.75	17.75
8	1	pH	WW	9.20	9.20
9	1	TOTAL METALS ICPOES Al, Ba, Be, Cr, Cu, Fe, Li, Mn, Mo, Ni, Sn, Sr, Ti, V, Zn ICPMS Sb, As, Cd, Pb, Se, Ag, Ti, U CVAAS Hg	WW	93.85	93.85
10	1	Ottawa Airport Pick Up		25.00	25.00
Subtotal					283.80
HST					36.89
Total Cost					320.69

Prices do not include shipping unless otherwise stated.

Environmental Surcharge of \$1.50 per sample set



Kristine Cavanagh
Customer Service Representative
Caduceon Environmental Laboratories
kcavanagh@caduceonlabs.com
Cell: 819-230-9605
Office 613-526-0123

C.O.C.: ---

REPORT No. B20-24783

Report To:

City of Iqaluit

PO Box 460,

Iqaluit NU X0A 0H0

Attention: Emmanuel Kayode

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1

Tel: 613-526-0123

Fax: 613-526-1244

DATE RECEIVED: 19-Aug-20

JOB/PROJECT NO.: Test F

DATE REPORTED: 26-Aug-20

P.O. NUMBER: 460

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Lagoon (Start of Decant)			
			Sample I.D.	B20-24783-1			
			Date Collected	18-Aug-20			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
BOD(5 day)	mg/L	3	SM 5210B	20-Aug-20/K	93		
Total Suspended Solids	mg/L	3	SM2540D	20-Aug-20/K	100		
Conductivity @25°C	µmho/cm	1	SM 2510B	19-Aug-20/O	757		
pH @25°C	pH Units		SM 4500H	19-Aug-20/O	7.53		
Nitrite (N)	mg/L	0.1	SM4110C	20-Aug-20/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	20-Aug-20/O	< 0.1		
Ammonia (N)-Total	mg/L	0.01	SM4500- NH3-H	21-Aug-20/K	45.4		
o-Phosphate (P)	mg/L	0.002	PE4500-S	21-Aug-20/K	3.22		
Phosphorus-Total	mg/L	0.01	E3199A.1	21-Aug-20/K	5.28		
Aluminum	mg/L	0.01	SM 3120	20-Aug-20/O	0.10		
Antimony	mg/L	0.0005	EPA 200.8	21-Aug-20/O	< 0.0005		
Arsenic	mg/L	0.0005	EPA 200.8	21-Aug-20/O	0.0007		
Barium	mg/L	0.001	SM 3120	20-Aug-20/O	0.015		
Beryllium	mg/L	0.002	SM 3120	20-Aug-20/O	< 0.002		
Cadmium	mg/L	0.000070	EPA 200.8	21-Aug-20/O	0.000086		
Chromium	mg/L	0.002	SM 3120	20-Aug-20/O	< 0.002		
Cobalt	mg/L	0.005	SM 3120	20-Aug-20/O	< 0.005		
Copper	mg/L	0.002	SM 3120	20-Aug-20/O	0.021		
Iron	mg/L	0.005	SM 3120	20-Aug-20/O	4.23		
Lead	mg/L	0.0001	EPA 200.8	21-Aug-20/O	0.0008		
Lithium	mg/L	0.01	SM 3120	20-Aug-20/O	< 0.01		
Manganese	mg/L	0.001	SM 3120	20-Aug-20/O	0.310		
Mercury	mg/L	0.00002	SM 3112 B	21-Aug-20/O	< 0.00002		
Molybdenum	mg/L	0.01	SM 3120	20-Aug-20/O	< 0.01		
Nickel	mg/L	0.01	SM 3120	20-Aug-20/O	< 0.01		

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,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.

C.O.C.: ---

REPORT No. B20-24783

Report To:

City of Iqaluit

PO Box 460,

Iqaluit NU X0A 0H0

Attention: Emmanuel Kayode

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1

Tel: 613-526-0123

Fax: 613-526-1244

DATE RECEIVED: 19-Aug-20

JOB/PROJECT NO.: Test F

DATE REPORTED: 26-Aug-20

P.O. NUMBER: 460

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Lagoon (Start of Decant)			
			Sample I.D.	B20-24783-1			
			Date Collected	18-Aug-20			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Selenium	mg/L	0.005	EPA 200.8	21-Aug-20/O	< 0.005		
Silver	mg/L	0.0001	EPA 200.8	21-Aug-20/O	< 0.0001		
Strontium	mg/L	0.001	SM 3120	20-Aug-20/O	0.098		
Thallium	mg/L	0.0003	EPA 200.8	21-Aug-20/O	< 0.0003		
Tin	mg/L	0.05	SM 3120	20-Aug-20/O	< 0.05		
Titanium	mg/L	0.005	SM 3120	20-Aug-20/O	< 0.005		
Uranium	mg/L	0.0003	EPA 200.8	21-Aug-20/O	0.0004		
Vanadium	mg/L	0.005	SM 3120	20-Aug-20/O	< 0.005		
Zinc	mg/L	0.005	SM 3120	20-Aug-20/O	0.032		
Total Coliform	cfu/100mL	1	MOE E3371	19-Aug-20/O	190000		
Fecal Coliform	cfu/100mL	1	MOE E3371	19-Aug-20/O	7000		

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



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

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QUOTATION FOR ANALYTICAL SERVICES

Quote #: YD20_Iqaluit_F
Organization: City of Iqaluit
Contact: Mike Hatfield
Telephone: 867-979-6363
Facsimile: M.Hatfield@city.iqaluit.nu.ca
Email: M.Hatfield@city.iqaluit.nu.ca
Project #: TEST F - Sewage Lagoon
Address: Box 460, Iqaluit NU, X0A 0H0
Additional Info: QUOTE # (S) MUST BE ON C OF C TO APPLY if not listed. General pricing will be applied.
Additional Info: Replacing Quote YD19_Iqaluit_F
Date: 1-Jan-20 Valid Until: 31-Dec-20

Item #	Quantity	Analysis Request	Matrix	Unit Cost, \$	Amount, \$
1	1	BOD	WW	30.60	30.60
2	1	Total Coliform / Fecal Coliform	WW	31.65	31.65
3	1	Ammonia, NO2/NO3	WW	30.60	30.60
4	1	Total Phosphorus	WW	17.75	17.75
5	1	Orthophosphate	WW	17.75	17.75
6	1	Conductivity	WW	9.65	9.65
7	1	TSS	WW	17.75	17.75
8	1	pH	WW	9.20	9.20
9	1	TOTAL METALS ICPOES Al, Ba, Be, Cr, Co, Cu, Fe, Li, Mn, Mo, Ni, Sn, Sr, Ti, V, Zn ICPMS Sb, As, Cd, Pb, Se, Ag, Tl, U GVAAS Hg	WW	93.85	93.85
10	1	Ottawa Airport Pick Up		25.00	25.00
Subtotal					283.80
HST					36.89
Total Cost					320.69

Prices do not include shipping unless otherwise stated.
Environmental Surcharge of \$1.50 per sample set



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Cell: 819-230-9605
Office 613-526-0123

C.O.C.: ---

REPORT No. B20-26042

Report To:

City of Iqaluit

PO Box 460,
Iqaluit NU X0A 0H0

Attention: Emmanuel Kayode

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 31-Aug-20

JOB/PROJECT NO.: Test F

DATE REPORTED: 08-Sep-20

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Lagoon (Middle of Decant)			
			Sample I.D.	B20-26042-1			
			Date Collected	23-Aug-20			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
BOD(5 day)	mg/L	3	SM 5210B	31-Aug-20/K	80		
Total Suspended Solids	mg/L	3	SM2540D	02-Sep-20/K	110		
Conductivity @25°C	µmho/cm	1	SM 2510B	31-Aug-20/O	772		
pH @25°C	pH Units		SM 4500H	31-Aug-20/O	7.50		
Nitrite (N)	mg/L	0.1	SM4110C	02-Sep-20/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	02-Sep-20/O	0.1		
Ammonia (N)-Total	mg/L	0.01	SM4500- NH3-H	02-Sep-20/K	43.8		
o-Phosphate (P)	mg/L	0.002	PE4500-S	02-Sep-20/K	3.22		
Phosphorus-Total	mg/L	0.01	E3199A.1	02-Sep-20/K	5.39		
Aluminum	mg/L	0.01	SM 3120	03-Sep-20/O	0.06		
Antimony	mg/L	0.0005	EPA 200.8	02-Sep-20/O	< 0.0005		
Arsenic	mg/L	0.0005	EPA 200.8	02-Sep-20/O	0.0008		
Barium	mg/L	0.001	SM 3120	03-Sep-20/O	0.008		
Beryllium	mg/L	0.002	SM 3120	03-Sep-20/O	< 0.002		
Cadmium	mg/L	0.000070	EPA 200.8	02-Sep-20/O	< 0.000070		
Chromium	mg/L	0.002	SM 3120	03-Sep-20/O	< 0.002		
Cobalt	mg/L	0.005	SM 3120	03-Sep-20/O	< 0.005		
Copper	mg/L	0.002	SM 3120	03-Sep-20/O	0.016		
Iron	mg/L	0.005	SM 3120	03-Sep-20/O	4.88		
Lead	mg/L	0.0001	EPA 200.8	02-Sep-20/O	0.0005		
Lithium	mg/L	0.01	SM 3120	03-Sep-20/O	< 0.01		
Manganese	mg/L	0.001	SM 3120	03-Sep-20/O	0.367		
Mercury	mg/L	0.00002	SM 3112 B	03-Sep-20/O	< 0.00002		
Molybdenum	mg/L	0.01	SM 3120	03-Sep-20/O	< 0.01		
Nickel	mg/L	0.01	SM 3120	03-Sep-20/O	< 0.01		

NOTE: Total & Fecal Coliform passed acceptable holding time of 48 hrs upon arrival at Lab.



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

R.L. = Reporting Limit

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

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C.O.C.: ---

REPORT No. B20-26042

Report To:

City of Iqaluit

PO Box 460,

Iqaluit NU X0A 0H0

Attention: Emmanuel Kayode

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1

Tel: 613-526-0123

Fax: 613-526-1244

DATE RECEIVED: 31-Aug-20

JOB/PROJECT NO.: Test F

DATE REPORTED: 08-Sep-20

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Lagoon (Middle of Decant)			
			Sample I.D.	B20-26042-1			
			Date Collected	23-Aug-20			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Selenium	mg/L	0.005	EPA 200.8	02-Sep-20/O	< 0.005		
Silver	mg/L	0.0001	EPA 200.8	02-Sep-20/O	< 0.0001		
Strontium	mg/L	0.001	SM 3120	03-Sep-20/O	0.080		
Thallium	mg/L	0.0003	EPA 200.8	02-Sep-20/O	< 0.0003		
Tin	mg/L	0.05	SM 3120	03-Sep-20/O	< 0.05		
Titanium	mg/L	0.005	SM 3120	03-Sep-20/O	< 0.005		
Uranium	mg/L	0.0003	EPA 200.8	02-Sep-20/O	< 0.0003		
Vanadium	mg/L	0.005	SM 3120	03-Sep-20/O	< 0.005		
Zinc	mg/L	0.005	SM 3120	03-Sep-20/O	0.019		
Total Coliform	cfu/100mL	1	MOE E3371	31-Aug-20/O	610000		
Fecal Coliform	cfu/100mL	1	MOE E3371	31-Aug-20/O	9000		

NOTE: Total & Fecal Coliform passed acceptable holding time of 48 hrs upon arrival at Lab.

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Lab Manager - Ottawa District

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Telephone: 867-979-6363
Facsimile: M.Hatfield@city.iqaluit.nu.ca
Email: TEST F - Sewage Lagoon
Project #: Box 460, Iqaluit NU, X0A 0H0
Address: QUOTE # (S) MUST BE ON C OF C TO APPLY if not listed. General pricing will be applied.
Additional Info: Replacing Quote YD19_Iqaluit_F
Additional Info: 1-Jan-20
Date: 31-Dec-20

Item #	Quantity	Analysis Request	Matrix	Unit Cost, \$	Amount, \$
1	1	BOD	WW	30.60	30.60
2	1	Total Coliform / Fecal Coliform	WW	31.65	31.65
3	1	Ammonia, NO2/NO3	WW	30.60	30.60
4	1	Total Phosphorus	WW	17.75	17.75
5	1	Orthophosphate	WW	17.75	17.75
6	1	Conductivity	WW	9.65	9.65
7	1	TSS	WW	17.75	17.75
8	1	pH	WW	9.20	9.20
9	1	TOTAL METALS ICPOES Al, Ba, Be, Cr, Co, Cu, Fe, Li, Mn, Mo, Ni, Sn, Sr, Ti, V, Zn ICPMS Sb, As, Cd, Pb, Se, Ag, Tl, U	WW	93.85	93.85
10	1	CVAAS Hg Ottawa Airport Pick Up		25.00	25.00
				Subtotal	283.80
				HST	36.89
				Total Cost	320.69

Prices do not include shipping unless otherwise stated.
Environmental Surcharge of \$1.50 per sample set



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Customer Service Representative
Caduceon Environmental Laboratories
kcavanagh@caduceonlabs.com
Cell: 819-230-9605
Office 613-528-0123

C.O.C.: ---

REPORT No. B20-26654

Report To:

City of Iqaluit

PO Box 460,

Iqaluit NU X0A 0H0

Attention: Emmanuel Kayode

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1

Tel: 613-526-0123

Fax: 613-526-1244

DATE RECEIVED: 03-Sep-20

JOB/PROJECT NO.: Test F

DATE REPORTED: 10-Sep-20

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Lagoon (End of Decant)			
			Sample I.D.	B20-26654-1			
			Date Collected	30-Aug-20			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
BOD(5 day)	mg/L	3	SM 5210B	04-Sep-20/K	90		
Total Suspended Solids	mg/L	3	SM2540D	08-Sep-20/K	140		
Conductivity @25°C	µmho/cm	1	SM 2510B	03-Sep-20/O	758		
pH @25°C	pH Units		SM 4500H	03-Sep-20/O	7.59		
Nitrite (N)	mg/L	0.1	SM4110C	03-Sep-20/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	03-Sep-20/O	0.1		
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	04-Sep-20/K	48.2		
o-Phosphate (P)	mg/L	0.002	PE4500-S	04-Sep-20/K	4.52		
Phosphorus-Total	mg/L	0.01	E3199A.1	09-Sep-20/K	5.28		
Aluminum	mg/L	0.01	SM 3120	04-Sep-20/O	0.06		
Antimony	mg/L	0.0005	EPA 200.8	09-Sep-20/O	0.0007		
Arsenic	mg/L	0.0005	EPA 200.8	10-Sep-20/O	0.0007		
Barium	mg/L	0.001	SM 3120	04-Sep-20/O	0.008		
Beryllium	mg/L	0.002	SM 3120	04-Sep-20/O	< 0.002		
Cadmium	mg/L	0.000070	EPA 200.8	10-Sep-20/O	< 0.000070		
Chromium	mg/L	0.002	SM 3120	04-Sep-20/O	< 0.002		
Cobalt	mg/L	0.005	SM 3120	04-Sep-20/O	< 0.005		
Copper	mg/L	0.002	SM 3120	04-Sep-20/O	0.018		
Iron	mg/L	0.005	SM 3120	04-Sep-20/O	4.53		
Lead	mg/L	0.0001	EPA 200.8	09-Sep-20/O	0.0013		
Lithium	mg/L	0.01	SM 3120	04-Sep-20/O	0.01		
Manganese	mg/L	0.001	SM 3120	04-Sep-20/O	0.327		
Mercury	mg/L	0.00002	SM 3112 B	04-Sep-20/O	< 0.00002		
Molybdenum	mg/L	0.01	SM 3120	04-Sep-20/O	< 0.01		
Nickel	mg/L	0.01	SM 3120	04-Sep-20/O	< 0.01		
Selenium	mg/L	0.005	EPA 200.8	09-Sep-20/O	< 0.005		

NOTE: Total & Fecal Coliform passed acceptable holding time of 48 hrs upon arrival at Lab.



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

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,B-Barrie

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.

C.O.C.: ---

REPORT No. B20-26654

Report To:

City of Iqaluit

PO Box 460,

Iqaluit NU X0A 0H0

Attention: Emmanuel Kayode

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1

Tel: 613-526-0123

Fax: 613-526-1244

DATE RECEIVED: 03-Sep-20

JOB/PROJECT NO.: Test F

DATE REPORTED: 10-Sep-20

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Lagoon (End of Decant)			
			Sample I.D.	B20-26654-1			
			Date Collected	30-Aug-20			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Silver	mg/L	0.0001	EPA 200.8	10-Sep-20/O	< 0.0001		
Strontium	mg/L	0.001	SM 3120	04-Sep-20/O	0.079		
Thallium	mg/L	0.0003	EPA 200.8	09-Sep-20/O	< 0.0003		
Tin	mg/L	0.05	SM 3120	04-Sep-20/O	< 0.05		
Titanium	mg/L	0.005	SM 3120	04-Sep-20/O	< 0.005		
Uranium	mg/L	0.0003	EPA 200.8	09-Sep-20/O	< 0.0003		
Vanadium	mg/L	0.005	SM 3120	04-Sep-20/O	< 0.005		
Zinc	mg/L	0.005	SM 3120	04-Sep-20/O	0.022		
Total Coliform	cfu/100mL	1	MOE E3371	03-Sep-20/O	590000		
Fecal Coliform	cfu/100mL	1	MOE E3371	03-Sep-20/O	28000		

NOTE: Total & Fecal Coliform passed acceptable holding time of 48 hrs upon arrival at Lab.

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 Lab Manager - Ottawa District