INUVIALUIT SIVUNNIUQPAIT IMAKKUN

INUVIALUIT WATER BOARD

Hamlet of Aklavik

Water Licence Number: N3L3-0570

Municipal Water Licence

Annual Report for the Year 2021

Date Prepared: April 26, 2022

Municipal Water Licence Annual Report

Hamlet of Aklavik
Licence # N3L3-0570
Reporting year 2021

1. Water Usage

Table 1: Monthly and annual quantities of fresh water obtained from all sources

Month	Volume from Source (m^3 or L)	Volume from any other Source (m^3 or L)
January	2,945,904.70 L	
February	2,717,265.80 L	
March	2,898,402.70 L	
April	2,746,052.90 L	
May	2,765,460.10 L	
June	2,467,811.20 L	
July	2,717,416.20 L	
August	2,633,742.00 L	
September	2,744,841.00 L	
October	2,835,358.40 L	
November	3,117,258.30 L	
December	2,805,160.90 L	
TOTALS	33,394,674.20 L	
ANNUAL TOTAL (m^3 or L)		
% Increase or decrease from previous year	1.9232 % decrease from previous year.	

Reasons for increase / decrease (if applicable):

Reasons for exceeding licensed withdrawal volumes (if applicable):

General information:

2. Sewage Disposal

Table 2: Monthly and annual quantities of sewage discharged to the sewage disposal facilities

Month	Volume of sewage discharged (m^3 or L)
January	2,945,904.70 L
February	2,717,265.80 L
March	2,898,402.70 L
April	2,746,052.90 L
May	2,765,460.10 L
June	2,467,811.20 L
July	2,717,416.20 L
August	2,633,742.00 L
September	2,744,841.00 L
October	2,835,358.40 L
November	3,117,258.30 L
December	2,805,160.90 L
ANNUAL TOTAL (m^3 or L)	33,394,674.20 L
% Increase or decrease from previous year	1.9232 % decrease from previous year.

3. Hazardous Waste Storage and Transportation

On Table 3, list the types of hazardous waste accepted into the facility including volumes.

Table 3: Monthly and annual quantities of hazardous waste stored on site and transported off site

Month	Type of hazardous waste accepted (Volume in m^3 or L)	Type of hazardous waste transported off site (Volume in m^3 or L)
January	None	None
February	None	None
March	None	None
April	None	None
May	None	None
June	None	None
July	None	None
August	None	None
September	None	None
October	None	None
November	None	None
December	None	None
ANNUAL TOTAL (m^3 or L)	None	None
% Increase or decrease from previous year	Not applicable.	Not applicable.

If hazardous waste has been transported off site this year, please describe how it was transported and the final destination:

Please include treatment or disposal plans for the remaining quantities:

Please describe any changes or improvements to temporary hazardous waste storage areas:

4. Sewage Sludge Removal

Table 4: Monthly and annual quantities of sewage sludge removed from the sewage disposal facilities and disposal location

Month	Volume of sewage sludge removed (m^3 or L)	Disposal location
January	None	
February	None	
March	None	
April	None	
May	None	
June	None	
July	None	
August	None	
September	None	
October	None	
November	None	
December	None	
ANNUAL TOTAL (m^3 or L)	None	
% Increase or decrease from previous year	Not applicable.	

5. Problems, Modifications or Repairs Completed During the Year on Water Supply and Waste Disposal Facilities

Include any changes to infrastructure of all facilities completed during the year, including any changes, repairs and modifications. Please note any problems that occurred during the year. If there are no changes, make note of that also.

There are no changes, repairs, or modifications in the year.

6. SNP Data

A condition of the Water Licence is the Surveillance Network Program (SNP). The SNP outlines the sampling requirements and frequency at monitoring stations. *In table 5, insert the sites sampled during the reporting year and the sampling period (sampling date). Attach the complete Taiga Laboratory results, with your "Municipal Water Licence Annual Report" to the Inuvialuit Water Board.*

Table 5: Sampling station and sampling period

Sampling station	After break-up	Prior to freeze-up

7. Spills and Unauthorized Discharges

List any spills and unauthorized discharges, how and when they were reported, and clean up methods.

None.

8. Spill Response Training and/or other Operator Training

Please provide a description of any Spill Response Training and/or other operator training carried out during the year.

None.

9. Closure and Reclamation

Include a description of any closure, remediation and/or reclamation activities completed during the year and an outline of any work anticipated for next year.

None.

10. Studies Requested by the Board that Relate to Water Use, Waste Disposal or Closure and Reclamation

If the Board has requested that specific studies be completed or have asked for specific information be included in the annual report, include these details in this section. Include a summary report of the study completed and the results. Include as attachments with the submission of the Annual Report. Include details of any upcoming studies that will be completed by the Hamlet.

None.

11. Updates or Revisions to Approved Plans

Include details on any changes to approved plans such as the Solid and Sewage Waste Disposal Facilities Operating and Maintenance Plan (O&M Plan) or any other plans specific to your Water Licence.

- *Spill Contingency Plan*
- *Solid Waste Disposal Facilities Operation and Maintenance Plan*
- *Sewage Disposal Facilities Operation and Maintenance Plan*
- *Hazardous Waste Management Plan*
- *Closure and Reclamation Plan*

12. Inspection of Dams, Berms, Dykes and Control Structures

Include results of any inspections of all dams, berms, dykes and control structures related to the water intake facilities, solid waste disposal facilities, sewage disposal facilities and/or any other specific to your water licence.

None.

13. Inspections on all Water and Waste Disposal Facilities

Include results of regular staff inspections on all water and waste disposal facilities authorized under this licence and any corrective actions taken, as necessary.

None.

14. Correspondence between the Inspector and the Licensee

Include all correspondence between the Inspector and the Licensee with your annual report.

None.

15. Other Information

Include any other details on waste disposal requested by the Board by November 1, of the year being reported. In this section you may include non-compliance items identified in the inspection reports and how the Hamlet is addressing them. If there are any contaminated soil piles currently in use, please list the details of containment, remediation, and progress in this section. Ongoing issues with compliance can be identified here. If the IWB is aware of ongoing problems with the licence, discussions can occur to find a resolution.

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 211773

- FINAL REPORT -

Prepared For: Hamlet of Aklavik

Address: P.O. Box 87
Aklavik,NT
X0E 0A0

Attn: Brandon McLeod **Facsimile:** (867) 978-2502

Final report has been reviewed and approved by:

Glen Hudy
Quality Assurance Officer

NOTES:

- Test methods and data are validated by the laboratory's Quality Assurance Program. Taiga Environmental Laboratory is accredited by the Canadian Association for Laboratory Accreditation Inc. (CALA) to ISO/IEC 17025 as a testing laboratory for specific tests registered with CALA.
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  - Standard Methods for the Examination of Water and Wastewater APHA AWWA WEF;
  - Environment Canada
  - USEPA
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- Final results are based on the specific tests at the time of analysis and do not represent the conditions during sampling.

ReportDate: October-04-21
Print Date: *October-04-21*

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 211773

- CERTIFICATE OF ANALYSIS -

Client Sample ID:

Taiga Sample ID: 001

Client Project:
Sample Type: Sewage
Received Date: 14-Sep-21
Sampling Date: 12-Sep-21
Sampling Time: 10:30
Location: Aklavik Sewage Lagoon
Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Inorganics - Nutrients						
Biochemical Oxygen Demand	8	2	mg/L	14-Sep-21	TEL019	
Inorganics - Physicals						
pH	7.58		pH units	14-Sep-21	TEL058	
Solids, Total Suspended	178	3	mg/L	14-Sep-21	TEL008	
Microbiology						
Coliforms, Fecal		1	CFU/100mL		TEL017	105
Organics						
F2: C10-C16	< 0.2	0.2	mg/L	22-Sep-21	TEL067	
F3: C16-C34	0.3	0.2	mg/L	22-Sep-21	TEL067	
F4: C34-C50	< 0.2	0.2	mg/L	22-Sep-21	TEL067	
Hydrocarbons, Total Extractable	0.4	0.2	mg/L	22-Sep-21	TEL067	
Oil and Grease, visible	Non-visible			14-Sep-21	Visual Exam	

ReportDate: October-04-21
Print Date: *October-04-21*

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Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 211773

- CERTIFICATE OF ANALYSIS -

Client Sample ID:

Taiga Sample ID: 001

- DATA QUALIFERS -

Data Qualifier Descriptions:

105 *Samples received past hold time; analysis not possible.*

*** Taiga analytical methods are based on the following standard analytical methods**

SM - Standard Methods for the Examination of Water and Wastewater

EPA - United States Environmental Protection Agency

ReportDate: October-04-21

Print Date: *October-04-21*

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:
211030

- FINAL REPORT -

Prepared For: Hamlet of Aklavik

Address: P.O. Box 87
Aklavik,NT
X0E 0A0

Attn: **Brandon McLeod** **Facsimile:** **(867) 978-2502**

Final report has been reviewed and approved by:

Glen Hudy
Quality Assurance Officer

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- Final results are based on the specific tests at the time of analysis and do not represent the conditions during sampling.

ReportDate: Tuesday, July 20, 2021
Print Date: ***Tuesday, July 20, 2021***

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 211030

- CERTIFICATE OF ANALYSIS -

Client Sample ID:

Taiga Sample ID: 001

Client Project:
Sample Type: Sewage Lagoon
Received Date: 02-Jul-21
Sampling Date: 29-Jun-21
Sampling Time:
Location: Aklavik Sewage Lagoon
Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Inorganics - Nutrients						
Biochemical Oxygen Demand		2	mg/L		SM5210:B	105
Inorganics - Physicals						
pH	7.64		pH units	02-Jul-21	SM4500-H:B	
Solids, Total Suspended	< 3	3	mg/L	05-Jul-21	SM2540:D	
Microbiology						
Coliforms, Fecal		1	CFU/100mL		SM9222:D	105
Organics						
Oil and Grease, visible	Non-visible			09-Jul-21	Visual Exam	
Subcontracted Organics						
F2: C10-C16	< 0.10	0.1	mg/L	13-Jul-21	EPA3510	
F3: C16-C34	< 0.25	0.25	mg/L	13-Jul-21	EPA3510	
F4: C34-C50	< 0.25	0.25	mg/L	13-Jul-21	EPA3510	

ReportDate: Tuesday, July 20, 2021
Print Date: *Tuesday, July 20, 2021*

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 211030

- CERTIFICATE OF ANALYSIS -

Client Sample ID:

Taiga Sample ID: 001

- DATA QUALIFERS -

Data Qualifier Descriptions:

105 *Samples received past hold time; analysis not possible.*

*** Taiga analytical methods are based on the following standard analytical methods**

SM - Standard Methods for the Examination of Water and Wastewater

EPA - United States Environmental Protection Agency

ReportDate: Tuesday, July 20, 2021

Print Date: *Tuesday, July 20, 2021*

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:
211772

- FINAL REPORT -

Prepared For: Hamlet of Aklavik

Address: P.O. Box 87
Aklavik,NT
X0E 0A0

Attn: Brandon McLeod **Facsimile:** (867) 978-2502

Final report has been reviewed and approved by:

Glen Hudy
Quality Assurance Officer

NOTES:

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ReportDate: September-23-21
Print Date: *September-23-21*

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 211772

- CERTIFICATE OF ANALYSIS -

Client Sample ID:

Taiga Sample ID: 001

Client Project:
Sample Type: Potable
Received Date: 14-Sep-21
Sampling Date: 13-Sep-21
Sampling Time: 8:45
Location: Water Treatment Plant
Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Organics						
Bromodichloromethane	< 1.0	1.0	ug/L	21-Sep-21	TEL074	
Bromoform	< 1.0	1.0	ug/L	21-Sep-21	TEL074	
Chloroform	3.8	1.0	ug/L	21-Sep-21	TEL074	
Dibromochloromethane	< 1.0	1.0	ug/L	21-Sep-21	TEL074	
Trihalomethanes, Total	4.0	1.0	ug/L	21-Sep-21	TEL074	

ReportDate: September-23-21
Print Date: *September-23-21*

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 211772

- CERTIFICATE OF ANALYSIS -

Client Sample ID:

Taiga Sample ID: 001

*** Taiga analytical methods are based on the following standard analytical methods**

SM - Standard Methods for the Examination of Water and Wastewater

EPA - United States Environmental Protection Agency

ReportDate: September-23-21

Print Date: *September-23-21*

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 211131

- FINAL REPORT -

Prepared For: Hamlet of Aklavik

Address: P.O. Box 87
Aklavik,NT
X0E 0A0

Attn: Brandon McLeod **Facsimile:** (867) 978-2502

Final report has been reviewed and approved by:

Glen Hudy
Quality Assurance Officer

NOTES:

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ReportDate: Sunday, July 25, 2021
Print Date: *Wednesday, July 28, 2021*

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 211131

- CERTIFICATE OF ANALYSIS -

Client Sample ID:

Taiga Sample ID: 001

Client Project:
Sample Type: Drinking Water (Raw)
Received Date: 13-Jul-21
Sampling Date: 12-Jul-21
Sampling Time: 9:00
Location: Aklavik Water Treatment Plant
Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Inorganics - Nutrients						
Organic Carbon, Dissolved	3.5	0.5	mg/L	16-Jul-21	SM5310:B	
Organic Carbon, Total	3.5	0.5	mg/L	16-Jul-21	SM5310:B	
Inorganics - Physicals						
Alkalinity, Total (as CaCO3)	107	0.4	mg/L	13-Jul-21	SM2320:B	
Colour, True	10	5	TCU	13-Jul-21	SM2120:B	
pH	8.13		pH units	13-Jul-21	SM4500-H:B	
Solids, Total Dissolved	232	10	mg/L	19-Jul-21	SM2540:C	
Solids, Total Suspended	96	3	mg/L	19-Jul-21	SM2540:D	
Turbidity	71.4	0.05	NTU	13-Jul-21	SM2130:B	
Major Ions						
Chloride	2.6	0.7	mg/L	15-Jul-21	SM4110:B	
Fluoride	< 0.1	0.1	mg/L	15-Jul-21	SM4110:B	
Hardness	210	0.7	mg/L	14-Jul-21	SM4110:B	
Nitrate as Nitrogen	0.06	0.01	mg/L	15-Jul-21	SM4110:B	

ReportDate: Sunday, July 25, 2021
Print Date: ***Wednesday, July 28, 2021***

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Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 211131

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **Taiga Sample ID: 001**

Sodium	5.5	0.1	mg/L	14-Jul-21	SM4110:B
Sulphate	85	1	mg/L	15-Jul-21	SM4110:B
Subcontracted Organics					
Cyanide, Total	< 0.0050	0.005	mg/L	20-Jul-21	APHA4500-CN
Trace Metals, Total					
Aluminum	2860	5	µg/L	22-Jul-21	EPA200.8
Arsenic	1.8	0.2	µg/L	22-Jul-21	EPA200.8
Barium	137	0.1	µg/L	22-Jul-21	EPA200.8
Cadmium	< 0.1	0.1	µg/L	22-Jul-21	EPA200.8
Chromium	4.9	0.1	µg/L	22-Jul-21	EPA200.8
Copper	4.4	0.2	µg/L	22-Jul-21	EPA200.8
Iron	3460	5	µg/L	22-Jul-21	EPA200.8
Lead	1.7	0.1	µg/L	22-Jul-21	EPA200.8
Manganese	65.3	0.1	µg/L	22-Jul-21	EPA200.8
Mercury	< 0.01	0.01	µg/L	22-Jul-21	EPA200.8
Selenium	0.8	0.5	µg/L	22-Jul-21	EPA200.8
Uranium	1.4	0.1	µg/L	22-Jul-21	EPA200.8
Zinc	18.2	5	µg/L	22-Jul-21	EPA200.8

ReportDate: Sunday, July 25, 2021
Print Date: *Wednesday, July 28, 2021*

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Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 211131

- CERTIFICATE OF ANALYSIS -

Client Sample ID:

Taiga Sample ID: 002

Client Project:
Sample Type: Drinking Water (Treated)
Received Date: 13-Jul-21
Sampling Date: 12-Jul-21
Sampling Time: 9:00
Location: Aklavik Water Treatment Plant
Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Inorganics - Nutrients						
Organic Carbon, Dissolved	2.3	0.5	mg/L	16-Jul-21	SM5310:B	
Organic Carbon, Total	2.4	0.5	mg/L	16-Jul-21	SM5310:B	
Inorganics - Physicals						
Alkalinity, Total (as CaCO3)	109	0.4	mg/L	13-Jul-21	SM2320:B	
Colour, True	< 5	5	TCU	13-Jul-21	SM2120:B	
pH	8.34		pH units	13-Jul-21	SM4500-H:B	
Solids, Total Dissolved	282	10	mg/L	19-Jul-21	SM2540:C	
Solids, Total Suspended	< 3	3	mg/L	19-Jul-21	SM2540:D	
Turbidity	0.09	0.05	NTU	13-Jul-21	SM2130:B	
Major Ions						
Chloride	6.3	0.7	mg/L	15-Jul-21	SM4110:B	
Fluoride	< 0.1	0.1	mg/L	15-Jul-21	SM4110:B	
Hardness	207	0.7	mg/L	13-Jul-21	SM4110:B	
Nitrate as Nitrogen	0.06	0.01	mg/L	15-Jul-21	SM4110:B	
Sodium	34.0	0.1	mg/L	13-Jul-21	SM4110:B	
Sulphate	125	1	mg/L	15-Jul-21	SM4110:B	

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Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 211131

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **Taiga Sample ID:** 002

Subcontracted Organics					
Bromodichloromethane	< 0.0010	0.001	mg/L	20-Jul-21	SW-846
Bromoform	< 0.0010	0.001	mg/L	20-Jul-21	SW-846
Chloroform	0.0212	0.001	mg/L	20-Jul-21	SW-846
Cyanide, Total	< 0.0050	0.005	mg/L	20-Jul-21	APHA4500-CN
Dibromochloromethane	< 0.0010	0.001	mg/L	20-Jul-21	SW-846
Trihalomethanes, Total	0.0212	0.002	mg/L	20-Jul-21	SW-846
Trace Metals, Total					
Aluminum	1010	0.6	µg/L	22-Jul-21	EPA200.8
Arsenic	< 0.2	0.2	µg/L	22-Jul-21	EPA200.8
Barium	57.8	0.1	µg/L	22-Jul-21	EPA200.8
Cadmium	< 0.04	0.04	µg/L	22-Jul-21	EPA200.8
Chromium	0.3	0.1	µg/L	22-Jul-21	EPA200.8
Copper	1.0	0.2	µg/L	22-Jul-21	EPA200.8
Iron	< 5	5	ug/L	22-Jul-21	EPA200.8
Lead	< 0.1	0.1	µg/L	22-Jul-21	EPA200.8
Manganese	8.3	0.1	µg/L	22-Jul-21	EPA200.8
Mercury	< 0.01	0.01	µg/L	22-Jul-21	EPA200.8
Selenium	0.5	0.3	µg/L	22-Jul-21	EPA200.8
Uranium	0.8	0.1	µg/L	22-Jul-21	EPA200.8
Zinc	0.7	0.4	µg/L	22-Jul-21	EPA200.8

ReportDate: Sunday, July 25, 2021
Print Date: *Wednesday, July 28, 2021*

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 211131

- CERTIFICATE OF ANALYSIS -

Client Sample ID:

Taiga Sample ID: 002

*** Taiga analytical methods are based on the following standard analytical methods**

SM - Standard Methods for the Examination of Water and Wastewater

EPA - United States Environmental Protection Agency

ReportDate: Sunday, July 25, 2021

Print Date: *Wednesday, July 28, 2021*

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:
210543

- FINAL REPORT -

Prepared For: Hamlet of Aklavik

Address: P.O. Box 87
Aklavik,NT
X0E 0A0

Attn: **Brandon McLeod** **Facsimile:** **(867) 978-2502**

Final report has been reviewed and approved by:

Glen Hudy
Quality Assurance Officer

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  - USEPA
- Samples shall be kept for thirty (30) days after the final report is issued. All microbiological samples shall be disposed of immediately upon completion of analysis to minimize biohazardous risks to laboratory personnel. Please contact the laboratory if you have any special requirements.
- Final results are based on the specific tests at the time of analysis and do not represent the conditions during sampling.

ReportDate: Sunday, May 23, 2021
Print Date: *Sunday, May 23, 2021*

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 210543

- CERTIFICATE OF ANALYSIS -

Client Sample ID:

Taiga Sample ID: 001

Client Project:
Sample Type: Treated/Potable
Received Date: 08-May-21
Sampling Date: 05-May-21
Sampling Time: 8:35
Location: Aklavik Water Plant
Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Subcontracted Organics						
Bromodichloromethane	< 0.0010	0.001	mg/L	15-May-21	SW-846	
Bromoform	< 0.0010	0.001	mg/L	15-May-21	SW-846	
Chloroform	0.0029	0.001	mg/L	15-May-21	SW-846	
Dibromochloromethane	< 0.0010	0.001	mg/L	15-May-21	SW-846	
Trihalomethanes, Total	0.0029	0.002	mg/L	15-May-21	SW-846	

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*** Taiga analytical methods are based on the following standard analytical methods**

SM - Standard Methods for the Examination of Water and Wastewater

EPA - United States Environmental Protection Agency

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