



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

**Taiga Batch No.:**  
**200337**

**- FINAL REPORT -**

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**Prepared For:** Community Government of Wekweeti

**Address:** P.O. Box 69  
Wekweeti, NT  
X1A 1W0

**Attn:** SAO

**Facsimile:** (867) 713-2030

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**Final report has been reviewed and approved by:**

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**Glen Hudy**  
**Quality Assurance Officer**

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**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.
- Routine methods are based on recognized procedures from sources such as
  - Standard Methods for the Examination of Water and Wastewater APHA AWWA WEF;
  - Environment Canada
  - 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.

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## Taiga Environmental Laboratory

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Taiga Batch No.:  
**200337**

### - CERTIFICATE OF ANALYSIS -

Client Sample ID: **001-2**

Taiga Sample ID: **001**

**Client Project:**

**Sample Type:** Water

**Received Date:** 26-Jun-20

**Sampling Date:** 26-Jun-20

**Sampling Time:**

**Location:**

**Report Status:** Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<b><u>Inorganics - Nutrients</u></b>						
Ammonia as Nitrogen	38.9	0.005	mg/L	06-Jul-20	SM4500-NH3:G	
Biochemical Oxygen Demand	46	2	mg/L	26-Jun-20	SM5210:B	55
<b><u>Inorganics - Physicals</u></b>						
pH	7.44		pH units	26-Jun-20	SM4500-H:B	
Solids, Total Suspended	116	3	mg/L	29-Jun-20	SM2540:D	
<b><u>Microbiology</u></b>						
Coliforms, Fecal	141000	1000	CFU/100mL	26-Jun-20	SM9222:D	
<b><u>Organics</u></b>						
Hexane Extractable Material	21.8	2.0	mg/L	09-Jul-20	EPA1664A	
<b><u>Trace Metals, Total</u></b>						
Mercury	< 0.01	0.01	µg/L	06-Jul-20	EPA200.8	

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Taiga Batch No.:  
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**- CERTIFICATE OF ANALYSIS -**

Client Sample ID: **001-3**

Taiga Sample ID: **002**

**Client Project:**

**Sample Type:** Water

**Received Date:** 26-Jun-20

**Sampling Date:** 26-Jun-20

**Sampling Time:**

**Location:**

**Report Status:** Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<b><u>Inorganics - Nutrients</u></b>						
Ammonia as Nitrogen	< 0.005	0.005	mg/L	06-Jul-20	SM4500-NH3:G	
Biochemical Oxygen Demand	< 2	2	mg/L	26-Jun-20	SM5210:B	
<b><u>Inorganics - Physicals</u></b>						
pH	7.10		pH units	26-Jun-20	SM4500-H:B	
Solids, Total Suspended	8	3	mg/L	29-Jun-20	SM2540:D	
<b><u>Microbiology</u></b>						
Coliforms, Fecal	8	1	CFU/100mL	26-Jun-20	SM9222:D	
<b><u>Organics</u></b>						
Hexane Extractable Material	< 2.0	2.0	mg/L	09-Jul-20	EPA1664A	
<b><u>Trace Metals, Total</u></b>						
Mercury	< 0.01	0.01	µg/L	06-Jul-20	EPA200.8	

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Taiga Batch No.:  
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**- CERTIFICATE OF ANALYSIS -**

Client Sample ID: 001-4

Taiga Sample ID: 003

**Client Project:**

Sample Type: Water

Received Date: 26-Jun-20

Sampling Date: 26-Jun-20

Sampling Time:

Location:

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<b><u>Inorganics - Physicals</u></b>						
pH	7.67		pH units	26-Jun-20	SM4500-H:B	
Solids, Total Suspended	4	3	mg/L	29-Jun-20	SM2540:D	
<b><u>Trace Metals, Total</u></b>						
Aluminum	21.8	5	µg/L	06-Jul-20	EPA200.8	
Antimony	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8	
Arsenic	0.6	0.2	µg/L	06-Jul-20	EPA200.8	
Barium	15.3	0.1	µg/L	06-Jul-20	EPA200.8	
Beryllium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8	
Cadmium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8	
Cesium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8	
Chromium	0.1	0.1	µg/L	06-Jul-20	EPA200.8	
Cobalt	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8	
Copper	0.7	0.2	µg/L	06-Jul-20	EPA200.8	
Iron	94	5	µg/L	06-Jul-20	EPA200.8	
Lead	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8	
Lithium	0.4	0.2	µg/L	06-Jul-20	EPA200.8	

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**- CERTIFICATE OF ANALYSIS -**

**Client Sample ID: 001-4**

**Taiga Sample ID: 003**

Manganese	14.0	0.1	µg/L	06-Jul-20	EPA200.8
Mercury	< 0.01	0.01	µg/L	06-Jul-20	EPA200.8
Molybdenum	0.2	0.1	µg/L	06-Jul-20	EPA200.8
Nickel	0.7	0.1	µg/L	06-Jul-20	EPA200.8
Rubidium	3.7	0.1	µg/L	06-Jul-20	EPA200.8
Selenium	< 0.5	0.5	µg/L	06-Jul-20	EPA200.8
Silver	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Strontium	62.0	0.1	µg/L	06-Jul-20	EPA200.8
Thallium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Titanium	0.4	0.1	µg/L	06-Jul-20	EPA200.8
Uranium	0.3	0.1	µg/L	06-Jul-20	EPA200.8
Vanadium	0.2	0.1	µg/L	06-Jul-20	EPA200.8
Zinc	< 5.0	5	µg/L	06-Jul-20	EPA200.8

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**- CERTIFICATE OF ANALYSIS -**

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Client Sample ID: **001-4**

Taiga Sample ID: **003**

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**- DATA QUALIFIERS -**

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*Data Qualifier Descriptions:*

**55**     *BOD result is inconclusive; residual DO was less than 1 mg/L. For evaluation purposes only.*

**\* 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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