



Taiga Environmental Laboratory  
4601-52nd Ave., Box 1320, Yellowknife, NT, X1A 2L9  
Tel: (867)-765-6645 Fax: (867)-873-2652

Taiga Batch No.:  
150419

**- FINAL REPORT -**

**Prepared For:** Community Government of Wekweeti

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

**Attn:** Grace Angel

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

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

A handwritten signature in black ink, appearing to read 'Glen Hudy'. The signature is written in a cursive, flowing style.

**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.
- 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.

**Report Date:** Monday, July 13, 2015  
**Print Date:** Monday, July 13, 2015

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Taiga Batch No.:  
150419

### - CERTIFICATE OF ANALYSIS -

Client Sample ID: SNP001-3

Taiga Sample ID: 002

**Client Project:**

Sample Type: Snare Lake

Received Date: 25-Jun-15

Sampling Date: 25-Jun-15

Sampling Time: 11:45

Location: Wekweeti

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<b><u>Inorganics - Nutrients</u></b>						
Ammonia as Nitrogen	0.023	0.005	mg/L	30-Jun-15	SM4500-NH3:G	
Biochemical Oxygen Demand	2	2	mg/L	26-Jun-15	SM5210:B	
<b><u>Inorganics - Physicals</u></b>						
pH	7.10		pH units	25-Jun-15	SM4500-H:B	
Solids, Total Suspended	7	3	mg/L	26-Jun-15	SM2540:D	
<b><u>Microbiology</u></b>						
Coliforms, Fecal	6	1	CFU/100mL	25-Jun-15	SM9222:D	
<b><u>Organics</u></b>						
Hexane Extractable Material	< 2.0	2.0	mg/L		EPA1664A	
<b><u>Trace Metals, Total</u></b>						
Mercury	< 0.01	0.01	µg/L	08-Jul-15	EPA200.8	

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150419

- CERTIFICATE OF ANALYSIS -

Client Sample ID: SNP001-4

Taiga Sample ID: 003

Manganese	4.8	0.1	µg/L	08-Jul-15	EPA200.8
Mercury	< 0.01	0.01	µg/L	08-Jul-15	EPA200.8
Molybdenum	0.2	0.1	µg/L	08-Jul-15	EPA200.8
Nickel	0.4	0.1	µg/L	08-Jul-15	EPA200.8
Rubidium	3.5	0.1	µg/L	08-Jul-15	EPA200.8
Selenium	< 0.3	0.3	µg/L	08-Jul-15	EPA200.8
Silver	< 0.1	0.1	µg/L	08-Jul-15	EPA200.8
Strontium	47.1	0.1	µg/L	08-Jul-15	EPA200.8
Thallium	< 0.1	0.1	µg/L	08-Jul-15	EPA200.8
Titanium	0.1	0.1	µg/L	08-Jul-15	EPA200.8
Uranium	0.2	0.1	µg/L	08-Jul-15	EPA200.8
Vanadium	0.1	0.1	µg/L	08-Jul-15	EPA200.8
Zinc	< 0.4	0.4	µg/L	08-Jul-15	EPA200.8

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## Taiga Environmental Laboratory

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Tel: (867)-765-6645 Fax: (867)-873-2652

Taiga Batch No.:  
150587

### - FINAL REPORT -

Prepared For: Community Government of Wekweeti

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

Attn: Grace Angel

Facsimile: (867) 713-2030

Final report has been reviewed and approved by:

Glen Hudy  
Quality Assurance Officer

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Tel: (867)-765-6645 Fax: (867)-873-2652

Taiga Batch No.:  
150587

### - CERTIFICATE OF ANALYSIS -

Client Sample ID: SNP001-3

Taiga Sample ID: 002

**Client Project:**

**Sample Type:** Snare Lake  
**Received Date:** 23-Jul-15  
**Sampling Date:** 23-Jul-15  
**Sampling Time:** 11:02  
**Location:** Wekweeti  
**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	24-Jul-15	SM4500-NH3:G	
Biochemical Oxygen Demand	< 2	2	mg/L	24-Jul-15	SM5210:B	
<b><u>Inorganics - Physicals</u></b>						
pH	7.32		pH units	23-Jul-15	SM4500-H:B	
Solids, Total Suspended	< 3	3	mg/L	27-Jul-15	SM2540:D	
<b><u>Microbiology</u></b>						
Coliforms, Fecal	< 1	1	CFU/100mL	24-Jul-15	SM9222:D	
<b><u>Organics</u></b>						
Hexane Extractable Material	< 2.0	2.0	mg/L		EPA1664A	
<b><u>Trace Metals, Total</u></b>						
Mercury	< 0.01	0.01	µg/L	09-Aug-15	EPA200.8	

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Taiga Batch No.:  
150587

- CERTIFICATE OF ANALYSIS -

Client Sample ID: SNP001-4

Taiga Sample ID: 003

Manganese	10.5	0.1	µg/L	09-Aug-15	EPA200.8
Mercury	< 0.01	0.01	µg/L	09-Aug-15	EPA200.8
Molybdenum	0.3	0.1	µg/L	09-Aug-15	EPA200.8
Nickel	0.7	0.1	µg/L	09-Aug-15	EPA200.8
Rubidium	3.7	0.1	µg/L	09-Aug-15	EPA200.8
Selenium	< 0.5	0.5	µg/L	09-Aug-15	EPA200.8
Silver	< 0.1	0.1	µg/L	09-Aug-15	EPA200.8
Strontium	53.4	0.1	µg/L	09-Aug-15	EPA200.8
Thallium	< 0.1	0.1	µg/L	09-Aug-15	EPA200.8
Titanium	0.3	0.1	µg/L	09-Aug-15	EPA200.8
Uranium	0.2	0.1	µg/L	09-Aug-15	EPA200.8
Vanadium	< 0.1	0.1	µg/L	09-Aug-15	EPA200.8
Zinc	< 5.0	5	µg/L	09-Aug-15	EPA200.8

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Tel: (867)-765-6645 Fax: (867)-873-2652

Taiga Batch No.:  
**150914**

**- CERTIFICATE OF ANALYSIS -**

Client Sample ID: **SNP001-3**

Taiga Sample ID: **002**

**Client Project:**

Sample Type: Snare Lake

Received Date: 25-Sep-15

Sampling Date: 25-Sep-15

Sampling Time: 10:55

Location: Wekweeti

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<b><u>Inorganics - Nutrients</u></b>						
Ammonia as Nitrogen	0.017	0.005	mg/L	02-Oct-15	SM4500-NH3:G	
biochemical Oxygen Demand	< 2	2	mg/L	26-Sep-15	SM5210:B	
<b><u>Inorganics - Physicals</u></b>						
pH	6.92		pH units	25-Sep-15	SM4500-H:B	
Solids, Total Suspended	< 3	3	mg/L	30-Sep-15	SM2540:D	
<b><u>Microbiology</u></b>						
Coliforms, Fecal	< 1	1	CFU/100mL	26-Sep-15	SM9222:D	
<b><u>Organics</u></b>						
Hexane Extractable Material	< 2.0	2.0	mg/L	06-Oct-15	EPA1664A	
<b><u>Trace Metals, Total</u></b>						
Mercury	< 0.01	0.01	µg/L	07-Oct-15	EPA200.8	

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Taiga Batch No.:  
**150914**

### - CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP001-4**

Taiga Sample ID: **003**

**Client Project:**

**Sample Type:** Wetland

**Received Date:** 25-Sep-15

**Sampling Date:** 25-Sep-15

**Sampling Time:** 11:05

**Location:** Wekweeti

**Report Status:** Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<b><u>Inorganics - Physicals</u></b>						
pH	7.46		pH units	25-Sep-15	SM4500-H:B	
Solids, Total Suspended	3	3	mg/L	30-Sep-15	SM2540:D	
<b><u>Trace Metals, Total</u></b>						
Aluminum	4.7	0.6	µg/L	07-Oct-15	EPA200.8	
Antimony	< 0.1	0.1	µg/L	07-Oct-15	EPA200.8	
Arsenic	0.3	0.2	µg/L	07-Oct-15	EPA200.8	
Barium	9.7	0.1	µg/L	07-Oct-15	EPA200.8	
Beryllium	< 0.1	0.1	µg/L	07-Oct-15	EPA200.8	
Cadmium	< 0.05	0.05	µg/L	07-Oct-15	EPA200.8	
Cesium	< 0.1	0.1	µg/L	07-Oct-15	EPA200.8	
Chromium	0.3	0.1	µg/L	07-Oct-15	EPA200.8	
Cobalt	< 0.1	0.1	µg/L	07-Oct-15	EPA200.8	
Copper	0.4	0.2	µg/L	07-Oct-15	EPA200.8	
Iron	23	5	µg/L	07-Oct-15	EPA200.8	
Lead	< 0.1	0.1	µg/L	07-Oct-15	EPA200.8	
Lithium	0.5	0.2	µg/L	07-Oct-15	EPA200.8	

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### - CERTIFICATE OF ANALYSIS -

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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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