



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

**Taiga Batch No.:**  
**231427**

**- 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:**

A handwritten signature in black ink, appearing to read 'Glen Hudy', is written over a horizontal line.

**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.
- Results are based on the specific tests at the time of analysis, does not represent the conditions during sampling and relates only to the items tested.

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Taiga Batch No.:  
**231427**

### - CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP 001-2**

Taiga Sample ID: **001**

Client Project: W2017L3-0001

Sample Type: Sewage Lagoon Outflow

Received Date: 29-Sep-23

Sampling Date: 28-Sep-23

Sampling Time: 13:00

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	0.007	0.005	mg/L	04-Oct-23	TEL068	
CBOD	< 2	2	mg/L	29-Sep-23	TEL019	
Phosphorous, Total	0.007	0.002	mg/L	12-Oct-23	TEL069	
<b><u>Inorganics - Physicals</u></b>						
pH	7.03		pH units	29-Sep-23	TEL058	
Solids, Total Suspended	< 3	3	mg/L	04-Oct-23	TEL008	
<b><u>Microbiology</u></b>						
Coliforms, Fecal	< 1	1	CFU/100mL	29-Sep-23	TEL017	
<b><u>Organics</u></b>						
Hexane Extractable Material	< 2.0	2	mg/L	12-Oct-23	TEL072	
<b><u>Trace Metals, Total</u></b>						
Mercury	< 0.01	0.01	µg/L	16-Oct-23	TEL035	

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Taiga Batch No.:  
**231427**

## - CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP 001-3**

Taiga Sample ID: **002**

Client Project: W2017L3-0001

Sample Type: Sewage Wetland Outflow

Received Date: 29-Sep-23

Sampling Date: 28-Sep-23

Sampling Time: 13:00

Location: Wekweeti

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<b><u>Inorganics - Nutrients</u></b>						
Ammonia as Nitrogen	24.3	0.005	mg/L	04-Oct-23	TEL068	
CBOD	236	2	mg/L	29-Sep-23	TEL019	
Phosphorous, Total	7.45	0.002	mg/L	12-Oct-23	TEL069	
<b><u>Inorganics - Physicals</u></b>						
pH	6.97		pH units	29-Sep-23	TEL058	
Solids, Total Suspended	178	3	mg/L	04-Oct-23	TEL008	
<b><u>Microbiology</u></b>						
Coliforms, Fecal	56000	1000	CFU/100mL	29-Sep-23	TEL017	
<b><u>Organics</u></b>						
Hexane Extractable Material	15.9	2	mg/L	12-Oct-23	TEL072	
<b><u>Trace Metals, Total</u></b>						
Mercury	< 0.10	0.1	µg/L	16-Oct-23	TEL035	207

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Taiga Batch No.:  
**231427**

## - CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP 001-4**

Taiga Sample ID: **003**

Client Project: W2017L3-0001

Sample Type: SWF Runoff

Received Date: 29-Sep-23

Sampling Date: 28-Sep-23

Sampling Time: 13:00

Location: Wekweeti

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<b><u>Inorganics - Physicals</u></b>						
pH	7.59		pH units	29-Sep-23	TEL058	
Solids, Total Suspended	4	3	mg/L	04-Oct-23	TEL008	
<b><u>Trace Metals, Total</u></b>						
Aluminum	18.5	0.6	µg/L	16-Oct-23	TEL035	
Antimony	< 0.1	0.1	µg/L	16-Oct-23	TEL035	
Arsenic	0.4	0.2	µg/L	16-Oct-23	TEL035	
Barium	17.1	0.1	µg/L	16-Oct-23	TEL035	
Beryllium	< 0.1	0.1	µg/L	16-Oct-23	TEL035	
Cadmium	< 0.04	0.04	µg/L	16-Oct-23	TEL035	
Cesium	< 0.1	0.1	µg/L	16-Oct-23	TEL035	
Chromium	0.1	0.1	µg/L	16-Oct-23	TEL035	
Cobalt	0.1	0.1	µg/L	16-Oct-23	TEL035	
Copper	0.5	0.2	µg/L	16-Oct-23	TEL035	
Iron	212	5	µg/L	16-Oct-23	TEL035	
Lead	< 0.1	0.1	µg/L	16-Oct-23	TEL035	
Lithium	0.5	0.2	µg/L	16-Oct-23	TEL035	

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Client Sample ID: **SNP 001-4**

Taiga Sample ID: **003**

Manganese	31.6	0.1	µg/L	16-Oct-23	TEL035
Molybdenum	0.3	0.1	µg/L	16-Oct-23	TEL035
Nickel	0.8	0.1	µg/L	16-Oct-23	TEL035
Rubidium	4.6	0.1	µg/L	16-Oct-23	TEL035
Selenium	< 0.3	0.3	µg/L	16-Oct-23	TEL035
Silver	< 0.1	0.1	µg/L	16-Oct-23	TEL035
Strontium	72.5	0.1	µg/L	16-Oct-23	TEL035
Thallium	< 0.1	0.1	µg/L	16-Oct-23	TEL035
Titanium	0.6	0.1	µg/L	16-Oct-23	TEL035
Uranium	0.3	0.1	µg/L	16-Oct-23	TEL035
Vanadium	0.2	0.1	µg/L	16-Oct-23	TEL035
Zinc	< 0.4	0.4	µg/L	16-Oct-23	TEL035

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Client Sample ID: **SNP 001-4**

Taiga Sample ID: **003**

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**- DATA QUALIFIERS -**

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*Data Qualifier Descriptions:*

**207**      *Detection limit adjusted due to sample matrix effects*

**\* 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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