



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

Taiga Batch No.:
210788

- FINAL REPORT -

Prepared For: Gameti Community Government

Address: P.O. Box 1
Gameti, NT
X0E 1R0

Attn: Memory Murefu

Facsimile: 867-997-3411

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.
- 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 Batch No.:
210788

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP 003-2**

Taiga Sample ID: **001**

Client Project: W2018L3-0001

Sample Type: SEWAGE Lagoon Outflow

Received Date: 09-Jun-21

Sampling Date: 07-Jun-21

Sampling Time: 12:01

Location:

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	15.9	0.005	mg/L	12-Jun-21	SM4500-NH3:G	
Biochemical Oxygen Demand	61	2	mg/L	10-Jun-21	SM5210:B	88
CBOD	74	2	mg/L	10-Jun-21	SM5210:B	88
<u>Inorganics - Physicals</u>						
pH	7.32		pH units	09-Jun-21	SM4500-H:B	
Solids, Total Suspended	94	3	mg/L	09-Jun-21	SM2540:D	
<u>Microbiology</u>						
Coliforms, Fecal		1	CFU/100mL		SM9222:D	105
<u>Organics</u>						
Hexane Extractable Material	< 2.0	2.0	mg/L	15-Jun-21	EPA1664A	
<u>Trace Metals, Total</u>						
Mercury	0.04	0.01	µg/L	17-Jun-21	EPA200.8	

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP 003-3**

Taiga Sample ID: **002**

Client Project: W2018L3-0001

Sample Type: SEWAGE Wetland Outflow

Received Date: 09-Jun-21

Sampling Date: 07-Jun-21

Sampling Time:

Location:

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	< 0.005	0.005	mg/L	12-Jun-21	SM4500-NH3:G	
Biochemical Oxygen Demand	< 2	2	mg/L	10-Jun-21	SM5210:B	88
CBOD	3	2	mg/L	10-Jun-21	SM5210:B	88
<u>Inorganics - Physicals</u>						
pH	6.37		pH units	09-Jun-21	SM4500-H:B	
Solids, Total Suspended	< 3	3	mg/L	09-Jun-21	SM2540:D	
<u>Microbiology</u>						
Coliforms, Fecal		1	CFU/100mL		SM9222:D	105
<u>Organics</u>						
Hexane Extractable Material	< 2.0	2.0	mg/L	15-Jun-21	EPA1664A	
<u>Trace Metals, Total</u>						
Mercury	0.02	0.01	µg/L	17-Jun-21	EPA200.8	

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: **003-1**

Taiga Sample ID: **003**

Client Project: W2018L3-0001

Sample Type: Runoff

Received Date: 09-Jun-21

Sampling Date: 07-Jun-21

Sampling Time: 11:39

Location:

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Physicals</u>						
pH	7.96		pH units	09-Jun-21	SM4500-H:B	
Solids, Total Suspended	< 3	3	mg/L	09-Jun-21	SM2540:D	
<u>Trace Metals, Total</u>						
Aluminum	21.2	0.6	µg/L	17-Jun-21	EPA200.8	
Antimony	< 0.1	0.1	µg/L	17-Jun-21	EPA200.8	
Arsenic	0.3	0.2	µg/L	17-Jun-21	EPA200.8	
Barium	19.2	0.1	µg/L	17-Jun-21	EPA200.8	
Beryllium	< 0.1	0.1	µg/L	17-Jun-21	EPA200.8	
Cadmium	< 0.04	0.04	µg/L	17-Jun-21	EPA200.8	
Cesium	< 0.1	0.1	µg/L	17-Jun-21	EPA200.8	
Chromium	< 0.1	0.1	µg/L	17-Jun-21	EPA200.8	
Cobalt	< 0.1	0.1	µg/L	17-Jun-21	EPA200.8	
Copper	0.6	0.2	µg/L	17-Jun-21	EPA200.8	
Iron	30	5	ug/L	17-Jun-21	EPA200.8	
Lead	< 0.1	0.1	µg/L	17-Jun-21	EPA200.8	
Lithium	3.9	0.2	µg/L	17-Jun-21	EPA200.8	

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Client Sample ID: 003-1

Taiga Sample ID: 003

Manganese	2.8	0.1	µg/L	17-Jun-21	EPA200.8
Mercury	< 0.01	0.01	µg/L	17-Jun-21	EPA200.8
Molybdenum	0.3	0.1	µg/L	17-Jun-21	EPA200.8
Nickel	0.2	0.1	µg/L	17-Jun-21	EPA200.8
Rubidium	1.3	0.1	µg/L	17-Jun-21	EPA200.8
Selenium	< 0.3	0.3	µg/L	17-Jun-21	EPA200.8
Silver	< 0.1	0.1	µg/L	17-Jun-21	EPA200.8
Strontium	170	0.1	µg/L	17-Jun-21	EPA200.8
Thallium	< 0.1	0.1	µg/L	17-Jun-21	EPA200.8
Titanium	0.9	0.1	µg/L	17-Jun-21	EPA200.8
Uranium	1.5	0.1	µg/L	17-Jun-21	EPA200.8
Vanadium	0.1	0.1	µg/L	17-Jun-21	EPA200.8
Zinc	1.0	0.4	µg/L	17-Jun-21	EPA200.8

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Taiga Sample ID: **003**

- DATA QUALIFIERS -

Data Qualifier Descriptions:

- 105 *Samples received past hold time; analysis not possible.*
- 88 *Samples analysed past holding time, as per client request.*

*** 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