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

Taiga Batch No.: 200859

- 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.

ReportDate: Thursday, November 05, 2020
Print Date: ***Thursday, November 05, 2020***

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: SNP 003-2 **Taiga Sample ID:** 001

Client Project: W2008L3-0003
Sample Type: Sewage
Received Date: 06-Oct-20
Sampling Date: 05-Oct-20
Sampling Time: 11:00
Location:
Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Inorganics - Nutrients						
Ammonia as Nitrogen	77.3	0.005	mg/L	08-Oct-20	SM4500-NH3:G	
Biochemical Oxygen Demand	34	2	mg/L	07-Oct-20	SM5210:B	
CBOD	31	2	mg/L	07-Oct-20	SM5210:B	
Inorganics - Physicals						
pH	7.31		pH units	06-Oct-20	SM4500-H:B	
Solids, Total Suspended	38	3	mg/L	08-Oct-20	SM2540:D	
Microbiology						
Coliforms, Fecal	2900	100	CFU/100mL	06-Oct-20	SM9222:D	
Subcontracted Organics						
Hexane Extractable Material	< 5.0	5	mg/L	22-Oct-20	APHA 5520B	
Trace Metals, Total						
Mercury	< 0.01	0.01	µg/L	13-Oct-20	EPA200.8	

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: SNP 003-3 **Taiga Sample ID:** 002

Client Project: W2008L3-0003
Sample Type: Outflow
Received Date: 06-Oct-20
Sampling Date: 05-Oct-20
Sampling Time: 11:15
Location:
Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Inorganics - Nutrients						
Ammonia as Nitrogen	0.008	0.005	mg/L	08-Oct-20	SM4500-NH3:G	
Biochemical Oxygen Demand	< 2	2	mg/L	07-Oct-20	SM5210:B	
CBOD	3	2	mg/L	07-Oct-20	SM5210:B	
Inorganics - Physicals						
pH	8.10		pH units	06-Oct-20	SM4500-H:B	
Solids, Total Suspended	< 3	3	mg/L	29-Oct-20	SM2540:D	
Microbiology						
Coliforms, Fecal	< 1	1	CFU/100mL	06-Oct-20	SM9222:D	
Subcontracted Organics						
Hexane Extractable Material	< 5.0	5	mg/L	22-Oct-20	APHA 5520B	
Trace Metals, Total						
Mercury	< 0.01	0.01	µg/L	13-Oct-20	EPA200.8	

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: SNP 003-4 **Taiga Sample ID:** 003

Client Project: W2008L3-0003
Sample Type: Runoff
Received Date: 06-Oct-20
Sampling Date: 05-Oct-20
Sampling Time: 11:30
Location:
Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Inorganics - Physicals						
pH	7.95		pH units	06-Oct-20	SM4500-H:B	
Solids, Total Suspended	< 3	3	mg/L	29-Oct-20	SM2540:D	
Trace Metals, Total						
Aluminum	12.0	5	µg/L	13-Oct-20	EPA200.8	
Antimony	< 0.1	0.1	µg/L	13-Oct-20	EPA200.8	
Arsenic	0.3	0.2	µg/L	13-Oct-20	EPA200.8	
Barium	20.5	0.1	µg/L	13-Oct-20	EPA200.8	
Beryllium	< 0.1	0.1	µg/L	13-Oct-20	EPA200.8	
Cadmium	< 0.1	0.1	µg/L	13-Oct-20	EPA200.8	
Cesium	< 0.1	0.1	µg/L	13-Oct-20	EPA200.8	
Chromium	< 0.1	0.1	µg/L	13-Oct-20	EPA200.8	
Cobalt	< 0.1	0.1	µg/L	13-Oct-20	EPA200.8	
Copper	1.0	0.2	µg/L	13-Oct-20	EPA200.8	
Iron	16	5	µg/L	13-Oct-20	EPA200.8	
Lead	< 0.1	0.1	µg/L	13-Oct-20	EPA200.8	
Lithium	3.9	0.2	µg/L	13-Oct-20	EPA200.8	

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: SNP 003-4 **Taiga Sample ID:** 003

Manganese	3.7	0.1	µg/L	13-Oct-20	EPA200.8
Mercury	< 0.01	0.01	µg/L	13-Oct-20	EPA200.8
Molybdenum	0.6	0.1	µg/L	13-Oct-20	EPA200.8
Nickel	0.4	0.1	µg/L	13-Oct-20	EPA200.8
Rubidium	1.3	0.1	µg/L	13-Oct-20	EPA200.8
Selenium	< 0.5	0.5	µg/L	13-Oct-20	EPA200.8
Silver	< 0.1	0.1	µg/L	13-Oct-20	EPA200.8
Strontium	172	0.1	µg/L	13-Oct-20	EPA200.8
Thallium	< 0.1	0.1	µg/L	13-Oct-20	EPA200.8
Titanium	0.5	0.1	µg/L	13-Oct-20	EPA200.8
Uranium	2.4	0.1	µg/L	13-Oct-20	EPA200.8
Vanadium	0.2	0.1	µg/L	13-Oct-20	EPA200.8
Zinc	< 5.0	5	µg/L	13-Oct-20	EPA200.8

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: SNP 003-4 **Taiga Sample ID:** 003

*** 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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