



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

Taiga Batch No.:
200575

- FINAL REPORT -

Prepared For: Community Government of Behchoko

Address: P.O. Box 68
Behchoko, NT
X0E 0Y0

Attn: Galvin Simpson

Facsimile: (867) 392-6967

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.:
200575

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP E2**

Taiga Sample ID: **001**

Client Project: W2014L3-0002

Sample Type: Sewage

Received Date: 13-Aug-20

Sampling Date: 13-Aug-20

Sampling Time: 11:30

Location: Edzo Lagoon

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	13.8	0.005	mg/L	18-Aug-20	SM4500-NH3:G	
Biochemical Oxygen Demand	36	2	mg/L	14-Aug-20	SM5210:B	
CBOD	38	2	mg/L	14-Aug-20	SM5210:B	
Chemical Oxygen Demand	124	5	mg/L	19-Aug-20	SM5220:D	
Phosphorous, Total	0.881	0.002	mg/L	18-Aug-20	SM4500-P:D	
<u>Inorganics - Physicals</u>						
pH	7.13		pH units	13-Aug-20	SM4500-H:B	
Solids, Total Suspended	62	3	mg/L	18-Aug-20	SM2540:D	
<u>Microbiology</u>						
Coliforms, Fecal	143000	1000	CFU/100mL	13-Aug-20	SM9222:D	
<u>Subcontracted Inorganics</u>						
NO ₂ +NO ₃ - N	< 0.0220	0.022	mg/L	18-Aug-20	EPA300.1	

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Taiga Batch No.:
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- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP E3**

Taiga Sample ID: **002**

Client Project: W2014L3-0002

Sample Type: Sewage

Received Date: 13-Aug-20

Sampling Date: 13-Aug-20

Sampling Time: 11:30

Location: Edzo Lagoon

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	13.7	0.005	mg/L	18-Aug-20	SM4500-NH3:G	
Biochemical Oxygen Demand	21	2	mg/L	14-Aug-20	SM5210:B	
CBOD	28	2	mg/L	14-Aug-20	SM5210:B	
Chemical Oxygen Demand	78	5	mg/L	19-Aug-20	SM5220:D	
Phosphorous, Total	0.664	0.002	mg/L	18-Aug-20	SM4500-P:D	
<u>Inorganics - Physicals</u>						
pH	7.23		pH units	13-Aug-20	SM4500-H:B	
Solids, Total Suspended	32	3	mg/L	18-Aug-20	SM2540:D	
<u>Microbiology</u>						
Coliforms, Fecal	102000	1000	CFU/100mL	13-Aug-20	SM9222:D	
<u>Subcontracted Inorganics</u>						
NO2+NO3 - N	0.0360	0.022	mg/L	18-Aug-20	EPA300.1	

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP E4**

Taiga Sample ID: **003**

Client Project: W2014L3-0002

Sample Type: Sewage

Received Date: 13-Aug-20

Sampling Date: 13-Aug-20

Sampling Time: 11:30

Location: Edzo Lagoon

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	0.026	0.005	mg/L	18-Aug-20	SM4500-NH3:G	
Biochemical Oxygen Demand	11	2	mg/L	14-Aug-20	SM5210:B	
CBOD	13	2	mg/L	14-Aug-20	SM5210:B	
Chemical Oxygen Demand	114	5	mg/L	19-Aug-20	SM5220:D	
Phosphorous, Total	0.312	0.002	mg/L	18-Aug-20	SM4500-P:D	
<u>Inorganics - Physicals</u>						
pH	6.97		pH units	13-Aug-20	SM4500-H:B	
Solids, Total Suspended	272	3	mg/L	18-Aug-20	SM2540:D	
<u>Microbiology</u>						
Coliforms, Fecal	10	1	CFU/100mL	13-Aug-20	SM9222:D	
<u>Subcontracted Inorganics</u>						
NO2+NO3 - N	< 0.0220	0.022	mg/L	18-Aug-20	EPA300.1	

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Client Sample ID: SNP E4

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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