



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

**Taiga Batch No.:**  
**212253**

**- FINAL REPORT -**

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**Prepared For:** Community Government of Behchoko

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

**Attn:** Peter Zoe

**Facsimile:** (867) 392-6967

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

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**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.
- Final results are based on the specific tests at the time of analysis and do not represent the conditions during sampling.

**ReportDate:** November-22-21

**Print Date:** *November-22-21*

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## Taiga Environmental Laboratory

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Taiga Batch No.:  
**212253**

### - CERTIFICATE OF ANALYSIS -

Client Sample ID: **R3**

Taiga Sample ID: **001**

Client Project: W2014L3-0002

Sample Type: Sewage

Received Date: 10-Nov-21

Sampling Date: 10-Nov-21

Sampling Time: 10:45

Location: Behchoko

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<b><u>Inorganics - Nutrients</u></b>						
Ammonia as Nitrogen	1.40	0.005	mg/L	19-Nov-21	TEL068	
Biochemical Oxygen Demand	7	2	mg/L	10-Nov-21	TEL019	
CBOD	5	2	mg/L	10-Nov-21	TEL019	
Nitrogen, Dissolved	4.92	0.06	mg/L	15-Nov-21	TEL066	
Nitrogen, Total	6.73	0.06	mg/L	15-Nov-21	TEL066	
Ortho-Phosphate as Phosphorus	3.80	0.002	mg/L	10-Nov-21	TEL069	
Phosphorous, Dissolved	3.84	0.002	mg/L	18-Nov-21	TEL069	
Phosphorous, Total	4.35	0.002	mg/L	18-Nov-21	TEL069	
<b><u>Inorganics - Physicals</u></b>						
Alkalinity, Total (as CaCO <sub>3</sub> )	141	0.4	mg/L	10-Nov-21	TEL060	
Conductivity, Specific (@25C)	527	0.4	µS/cm	10-Nov-21	TEL059	
pH	7.90		pH units	10-Nov-21	TEL058	
Solids, Total Dissolved	324	10	mg/L	16-Nov-21	TEL009	
Solids, Total Suspended	42	3	mg/L	16-Nov-21	TEL008	

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**- CERTIFICATE OF ANALYSIS -**

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Client Sample ID: **R3**

Taiga Sample ID: **001**

**Major Ions**

Nitrate+Nitrite as Nitrogen	0.80	0.01	mg/L	10-Nov-21	TEL055
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**Microbiology**

Coliforms, Fecal	61	1	CFU/100mL	10-Nov-21	TEL017
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Coliforms, Total	6490	10	MPN/100ml	10-Nov-21	TEL053
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Escherichia coli	104	1	MPN/100ml	10-Nov-21	TEL053
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**Organics**

Hexane Extractable Material	< 2.0	2	mg/L	15-Nov-21	TEL072
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Taiga Batch No.:  
**212253**

**- CERTIFICATE OF ANALYSIS -**

Client Sample ID: **R4**

Taiga Sample ID: **002**

Client Project: W2014L3-0002

Sample Type: Sewage

Received Date: 10-Nov-21

Sampling Date: 10-Nov-21

Sampling Time: 10:45

Location: Behchoko

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<b><u>Inorganics - Nutrients</u></b>						
Ammonia as Nitrogen	0.027	0.005	mg/L	19-Nov-21	TEL068	
Biochemical Oxygen Demand	< 2	2	mg/L	10-Nov-21	TEL019	
CBOD	< 2	2	mg/L	10-Nov-21	TEL019	
Nitrogen, Dissolved	1.09	0.06	mg/L	15-Nov-21	TEL066	
Nitrogen, Total	1.16	0.06	mg/L	15-Nov-21	TEL066	
Ortho-Phosphate as Phosphorus	< 0.002	0.002	mg/L	10-Nov-21	TEL069	
Phosphorous, Dissolved	0.010	0.002	mg/L	18-Nov-21	TEL069	
Phosphorous, Total	0.020	0.002	mg/L	18-Nov-21	TEL069	
<b><u>Inorganics - Physicals</u></b>						
Alkalinity, Total (as CaCO3)	53.1	0.4	mg/L	10-Nov-21	TEL060	
Conductivity, Specific (@25C)	141	0.4	µS/cm	10-Nov-21	TEL059	
pH	6.94		pH units	10-Nov-21	TEL058	
Solids, Total Dissolved	112	10	mg/L	16-Nov-21	TEL009	
Solids, Total Suspended	< 3	3	mg/L	16-Nov-21	TEL008	
<b><u>Major Ions</u></b>						
Nitrate+Nitrite as Nitrogen	0.04	0.01	mg/L	10-Nov-21	TEL055	

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Client Sample ID: **R4**

Taiga Sample ID: **002**

#### Microbiology

Coliforms, Fecal	< 1	1	CFU/100mL	10-Nov-21	TEL017
Coliforms, Total	48.8	1	MPN/100ml	10-Nov-21	TEL053
Escherichia coli	< 1.0	1	MPN/100ml	10-Nov-21	TEL053

#### Organics

Hexane Extractable Material	< 2.0	2	mg/L	15-Nov-21	TEL072
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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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