



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

**Taiga Batch No.:**  
**210704**

**- FINAL REPORT -**

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**Prepared For:** Community Government of Behchoko

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

**Attn:** Galvin Simpson

**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:** Sunday, June 06, 2021

**Print Date:** *Sunday, June 06, 2021*

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Taiga Batch No.:  
**210704**

### - CERTIFICATE OF ANALYSIS -

Client Sample ID: **2021-R4**

Taiga Sample ID: **001**

Client Project: W2014L3-0002

Sample Type: Water

Received Date: 28-May-21

Sampling Date: 28-May-21

Sampling Time:

Location:

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<b><u>Inorganics - Nutrients</u></b>						
Ammonia as Nitrogen	0.131	0.005	mg/L	02-Jun-21	SM4500-NH3:G	
Biochemical Oxygen Demand	12	2	mg/L	28-May-21	SM5210:B	
CBOD	9	2	mg/L	28-May-21	SM5210:B	
Phosphorous, Total	0.221	0.002	mg/L	03-Jun-21	SM4500-P:D	
<b><u>Inorganics - Physicals</u></b>						
Alkalinity, Total (as CaCO <sub>3</sub> )	44.7	0.4	mg/L	28-May-21	SM2320:B	
Conductivity, Specific (@25C)	116	0.4	µS/cm	28-May-21	SM2510:B	
pH	6.66		pH units	28-May-21	SM4500-H:B	
Solids, Total Suspended	24	3	mg/L	28-May-21	SM2540:D	
<b><u>Microbiology</u></b>						
Coliforms, Fecal	< 100	100	CFU/100mL	28-May-21	SM9222:D	

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Taiga Batch No.:  
**210704**

## - CERTIFICATE OF ANALYSIS -

Client Sample ID: **Edzo E3**

Taiga Sample ID: **002**

Client Project: W2014L3-0002

Sample Type: Water

Received Date: 28-May-21

Sampling Date: 28-May-21

Sampling Time:

Location:

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<b><u>Inorganics - Nutrients</u></b>						
Ammonia as Nitrogen	13.0	0.005	mg/L	02-Jun-21	SM4500-NH3:G	
Biochemical Oxygen Demand	98	2	mg/L	28-May-21	SM5210:B	55
CBOD	96	2	mg/L	28-May-21	SM5210:B	55
Phosphorous, Total	1.45	0.002	mg/L	03-Jun-21	SM4500-P:D	
<b><u>Inorganics - Physicals</u></b>						
Alkalinity, Total (as CaCO <sub>3</sub> )	139	0.4	mg/L	28-May-21	SM2320:B	
Conductivity, Specific (@25C)	430	0.4	µS/cm	28-May-21	SM2510:B	
pH	7.27		pH units	28-May-21	SM4500-H:B	
Solids, Total Suspended	50	3	mg/L	28-May-21	SM2540:D	
<b><u>Microbiology</u></b>						
Coliforms, Fecal	45000	1000	CFU/100mL	28-May-21	SM9222:D	

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Taiga Batch No.:  
**210704**

**- CERTIFICATE OF ANALYSIS -**

Client Sample ID: **20201-R3**

Taiga Sample ID: **003**

Client Project: W2014L3-0002

Sample Type: Water

Received Date: 28-May-21

Sampling Date: 28-May-21

Sampling Time:

Location:

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<b><u>Inorganics - Nutrients</u></b>						
Ammonia as Nitrogen	14.2	0.005	mg/L	02-Jun-21	SM4500-NH3:G	
Biochemical Oxygen Demand	18	2	mg/L	28-May-21	SM5210:B	
CBOD	13	2	mg/L	28-May-21	SM5210:B	
Phosphorous, Total	2.64	0.002	mg/L	03-Jun-21	SM4500-P:D	
<b><u>Inorganics - Physicals</u></b>						
Alkalinity, Total (as CaCO <sub>3</sub> )	119	0.4	mg/L	28-May-21	SM2320:B	
Conductivity, Specific (@25C)	372	0.4	µS/cm	28-May-21	SM2510:B	
pH	7.16		pH units	28-May-21	SM4500-H:B	
Solids, Total Suspended	12	3	mg/L	28-May-21	SM2540:D	
<b><u>Microbiology</u></b>						
Coliforms, Fecal	TNTC	1	CFU/100mL	28-May-21	SM9222:D	

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Taiga Batch No.:  
**210704**

## - CERTIFICATE OF ANALYSIS -

Client Sample ID: **Edzo E2**

Taiga Sample ID: **004**

Client Project: W2014L3-0002

Sample Type: Water

Received Date: 28-May-21

Sampling Date: 28-May-21

Sampling Time:

Location:

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<b><u>Inorganics - Nutrients</u></b>						
Ammonia as Nitrogen	15.4	0.005	mg/L	02-Jun-21	SM4500-NH3:G	
Biochemical Oxygen Demand	202	2	mg/L	28-May-21	SM5210:B	
CBOD	167	2	mg/L	28-May-21	SM5210:B	
Phosphorous, Total	8.91	0.002	mg/L	03-Jun-21	SM4500-P:D	
<b><u>Inorganics - Physicals</u></b>						
Alkalinity, Total (as CaCO3)	138	0.4	mg/L	28-May-21	SM2320:B	
Conductivity, Specific (@25C)	406	0.4	µS/cm	28-May-21	SM2510:B	
pH	7.18		pH units	28-May-21	SM4500-H:B	
Solids, Total Suspended	790	3	mg/L	28-May-21	SM2540:D	
<b><u>Microbiology</u></b>						
Coliforms, Fecal	250000	10000	CFU/100mL	28-May-21	SM9222:D	

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Taiga Batch No.:  
**210704**

## - CERTIFICATE OF ANALYSIS -

Client Sample ID:

Taiga Sample ID: **005**

Client Project: W2014L3-0002

Sample Type: Water

Received Date: 28-May-21

Sampling Date: 28-May-21

Sampling Time:

Location:

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<b><u>Inorganics - Nutrients</u></b>						
Ammonia as Nitrogen	2.78	0.005	mg/L	02-Jun-21	SM4500-NH3:G	
Biochemical Oxygen Demand	11	2	mg/L	28-May-21	SM5210:B	
CBOD	11	2	mg/L	28-May-21	SM5210:B	
Phosphorous, Total	0.430	0.002	mg/L	03-Jun-21	SM4500-P:D	
<b><u>Inorganics - Physicals</u></b>						
Alkalinity, Total (as CaCO <sub>3</sub> )	60.7	0.4	mg/L	28-May-21	SM2320:B	
Conductivity, Specific (@25C)	241	0.4	µS/cm	28-May-21	SM2510:B	
pH	6.88		pH units	28-May-21	SM4500-H:B	
Solids, Total Suspended	6	3	mg/L	28-May-21	SM2540:D	
<b><u>Microbiology</u></b>						
Coliforms, Fecal	340	10	CFU/100mL	28-May-21	SM9222:D	

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### - CERTIFICATE OF ANALYSIS -

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Client Sample ID:

Taiga Sample ID: **005**

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### - DATA QUALIFIERS -

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*Data Qualifier Descriptions:*

**55**     *BOD result is inconclusive; residual DO was less than 1 mg/L. For evaluation purposes only.*

**\* 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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