



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

**Taiga Batch No.:**  
**210633**

**- 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:**

A handwritten signature in black ink, appearing to read 'Glen Hudy', is written over a horizontal line.

**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:** Sunday, June 06, 2021

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

*Page 1 of 10*



## Taiga Environmental Laboratory

4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9

Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:  
**210633**

### - CERTIFICATE OF ANALYSIS -

Client Sample ID: **Edzo Cell 1**

Taiga Sample ID: **001**

**Client Project:**

**Sample Type:** Water

**Received Date:** 21-May-21

**Sampling Date:** 20-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	14.8	0.005	mg/L	02-Jun-21	SM4500-NH3:G	
Biochemical Oxygen Demand	49	2	mg/L	21-May-21	SM5210:B	
CBOD	52	2	mg/L	21-May-21	SM5210:B	
Ortho-Phosphate as Phosphorus	0.872	0.002	mg/L	21-May-21	SM4500-P:D	
Phosphorous, Total	1.33	0.002	mg/L	03-Jun-21	SM4500-P:D	
<b><u>Inorganics - Physicals</u></b>						
Conductivity, Specific (@25C)	449	0.4	µS/cm	21-May-21	SM2510:B	
pH	7.38		pH units	21-May-21	SM4500-H:B	
Solids, Total Suspended	16	3	mg/L	21-May-21	SM2540:D	
<b><u>Major Ions</u></b>						
Calcium	30.3	0.1	mg/L	21-May-21	SM4110:B	
Magnesium	18.0	0.1	mg/L	21-May-21	SM4110:B	
Potassium	9.4	0.1	mg/L	21-May-21	SM4110:B	
Sodium	14.6	0.1	mg/L	21-May-21	SM4110:B	

**ReportDate:** Sunday, June 06, 2021

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

*Page 2 of 10*



# Taiga Environmental Laboratory

4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9

Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:  
**210633**

## - CERTIFICATE OF ANALYSIS -

---

Client Sample ID: **Edzo Cell 1**

Taiga Sample ID: **001**

Sulphate	23	1	mg/L	21-May-21	SM4110:B
----------	----	---	------	-----------	----------

**Microbiology**

Coliforms, Fecal	80000	10000	CFU/100mL	21-May-21	SM9222:D
------------------	-------	-------	-----------	-----------	----------

ReportDate: Sunday, June 06, 2021

Print Date: *Sunday, June 06, 2021*

*Page 3 of 10*



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

Taiga Batch No.:  
**210633**

**- CERTIFICATE OF ANALYSIS -**

Client Sample ID: **Edzo E2**

Taiga Sample ID: **002**

**Client Project:**

**Sample Type:** Water

**Received Date:** 21-May-21

**Sampling Date:** 20-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	20.8	0.005	mg/L	02-Jun-21	SM4500-NH3:G	
Biochemical Oxygen Demand	109	2	mg/L	21-May-21	SM5210:B	
CBOD	110	2	mg/L	21-May-21	SM5210:B	
Ortho-Phosphate as Phosphorus	1.40	0.002	mg/L	21-May-21	SM4500-P:D	
Phosphorous, Total	1.93	0.002	mg/L	03-Jun-21	SM4500-P:D	
<b><u>Inorganics - Physicals</u></b>						
Conductivity, Specific (@25C)	574	0.4	µS/cm	21-May-21	SM2510:B	
pH	7.43		pH units	21-May-21	SM4500-H:B	
Solids, Total Suspended	26	3	mg/L	21-May-21	SM2540:D	
<b><u>Major Ions</u></b>						
Calcium	39.0	0.1	mg/L	21-May-21	SM4110:B	
Magnesium	23.5	0.1	mg/L	21-May-21	SM4110:B	
Potassium	12.4	0.1	mg/L	21-May-21	SM4110:B	
Sodium	18.5	0.1	mg/L	21-May-21	SM4110:B	
Sulphate	23	1	mg/L	21-May-21	SM4110:B	

**Microbiology**

**ReportDate:** Sunday, June 06, 2021

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



## Taiga Environmental Laboratory

4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9

Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:

**210633**

### - CERTIFICATE OF ANALYSIS -

---

Client Sample ID: **Edzo E2**

Taiga Sample ID: **002**

Coliforms, Fecal	110000	10000	CFU/100mL	21-May-21	SM9222:D
------------------	--------	-------	-----------	-----------	----------

ReportDate: Sunday, June 06, 2021

Print Date: *Sunday, June 06, 2021*

*Page 5 of 10*



# Taiga Environmental Laboratory

4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9

Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:  
**210633**

## - CERTIFICATE OF ANALYSIS -

Client Sample ID: **Edzo E3**

Taiga Sample ID: **003**

**Client Project:**

**Sample Type:** Water

**Received Date:** 21-May-21

**Sampling Date:** 20-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	15.3	0.005	mg/L	02-Jun-21	SM4500-NH3:G	
Biochemical Oxygen Demand	47	2	mg/L	21-May-21	SM5210:B	
CBOD	51	2	mg/L	21-May-21	SM5210:B	
Ortho-Phosphate as Phosphorus	0.814	0.002	mg/L	21-May-21	SM4500-P:D	
Phosphorous, Total	1.51	0.002	mg/L	03-Jun-21	SM4500-P:D	
<b><u>Inorganics - Physicals</u></b>						
Conductivity, Specific (@25C)	453	0.4	µS/cm	21-May-21	SM2510:B	
pH	7.34		pH units	21-May-21	SM4500-H:B	
Solids, Total Suspended	2820	3	mg/L	21-May-21	SM2540:D	
<b><u>Major Ions</u></b>						
Calcium	31.7	0.1	mg/L	21-May-21	SM4110:B	
Magnesium	19.3	0.1	mg/L	21-May-21	SM4110:B	
Potassium	10.2	0.1	mg/L	21-May-21	SM4110:B	
Sodium	15.4	0.1	mg/L	21-May-21	SM4110:B	
Sulphate	22	1	mg/L	21-May-21	SM4110:B	

**Microbiology**

**ReportDate:** Sunday, June 06, 2021

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



## Taiga Environmental Laboratory

4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9

Tel: (867)-767-9235 Fax: (867)-920-8740

**Taiga Batch No.:**

**210633**

### - CERTIFICATE OF ANALYSIS -

---

**Client Sample ID: Edzo E3**

**Taiga Sample ID: 003**

Coliforms, Fecal	17000	1000	CFU/100mL	21-May-21	SM9222:D
------------------	-------	------	-----------	-----------	----------

**ReportDate:** Sunday, June 06, 2021

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

*Page 7 of 10*



# Taiga Environmental Laboratory

4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9

Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:  
**210633**

## - CERTIFICATE OF ANALYSIS -

Client Sample ID: **Edzo E4**

Taiga Sample ID: **004**

**Client Project:**

**Sample Type:** Water

**Received Date:** 21-May-21

**Sampling Date:** 20-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	3.55	0.005	mg/L	02-Jun-21	SM4500-NH3:G	
Biochemical Oxygen Demand	6	2	mg/L	21-May-21	SM5210:B	
CBOD	8	2	mg/L	21-May-21	SM5210:B	
Ortho-Phosphate as Phosphorus	0.270	0.002	mg/L	21-May-21	SM4500-P:D	
Phosphorous, Total	0.382	0.002	mg/L	03-Jun-21	SM4500-P:D	
<b><u>Inorganics - Physicals</u></b>						
Conductivity, Specific (@25C)	290	0.4	µS/cm	21-May-21	SM2510:B	
pH	6.98		pH units	21-May-21	SM4500-H:B	
Solids, Total Suspended	42	3	mg/L	21-May-21	SM2540:D	
<b><u>Major Ions</u></b>						
Calcium	22.4	0.1	mg/L	21-May-21	SM4110:B	
Magnesium	13.9	0.1	mg/L	21-May-21	SM4110:B	
Potassium	4.5	0.1	mg/L	21-May-21	SM4110:B	
Sodium	18.2	0.1	mg/L	21-May-21	SM4110:B	
Sulphate	12	1	mg/L	21-May-21	SM4110:B	

**Microbiology**

**ReportDate:** Sunday, June 06, 2021

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





## Taiga Environmental Laboratory

4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9

Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:

**210633**

### - CERTIFICATE OF ANALYSIS -

---

Client Sample ID: **Edzo E4**

Taiga Sample ID: **004**

Coliforms, Fecal	410	10	CFU/100mL	21-May-21	SM9222:D
------------------	-----	----	-----------	-----------	----------

ReportDate: Sunday, June 06, 2021

Print Date: *Sunday, June 06, 2021*

*Page 9 of 10*



## Taiga Environmental Laboratory

4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9

Tel: (867)-767-9235 Fax: (867)-920-8740

**Taiga Batch No.:**

**210633**

### - CERTIFICATE OF ANALYSIS -

---

**Client Sample ID: Edzo E4**

**Taiga Sample ID: 004**

---

**\* 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

**ReportDate:** Sunday, June 06, 2021

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

*Page 10 of 10*