



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

**Taiga Batch No.:**  
**180886**

**- 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.

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## Taiga Environmental Laboratory

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Taiga Batch No.:  
**180886**

### - CERTIFICATE OF ANALYSIS -

Client Sample ID: **2014-E2**

Taiga Sample ID: **001**

Client Project: W2014L3-0002

Sample Type: Sewage

Received Date: 05-Sep-18

Sampling Date: 05-Sep-18

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	10.0	0.005	mg/L	27-Sep-18	SM4500-NH3:G	
Biochemical Oxygen Demand	18	2	mg/L	06-Sep-18	SM5210:B	
CBOD	17	2	mg/L	06-Sep-18	SM5210:B	
Phosphorous, Total	0.325	0.002	mg/L	12-Sep-18	SM4500-P:D	
<b><u>Inorganics - Physicals</u></b>						
pH	7.70		pH units	05-Sep-18	SM4500-H:B	
Solids, Total Suspended	18	3	mg/L	06-Sep-18	SM2540:D	
<b><u>Subcontracted Microbiology</u></b>						
Coliforms, Fecal	2420	1	MPN/100ml	06-Sep-18	APHA9223B	

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Taiga Batch No.:  
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**- CERTIFICATE OF ANALYSIS -**

Client Sample ID: **2014-E3**

Taiga Sample ID: **002**

Client Project: W2014L3-0002

Sample Type: Sewage

Received Date: 05-Sep-18

Sampling Date: 05-Sep-18

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	16.4	0.005	mg/L	27-Sep-18	SM4500-NH3:G	
Biochemical Oxygen Demand	47	2	mg/L	06-Sep-18	SM5210:B	
CBOD	46	2	mg/L	06-Sep-18	SM5210:B	
Phosphorous, Total	1.00	0.002	mg/L	12-Sep-18	SM4500-P:D	
<b><u>Inorganics - Physicals</u></b>						
pH	7.39		pH units	05-Sep-18	SM4500-H:B	
Solids, Total Suspended	42	3	mg/L	06-Sep-18	SM2540:D	
<b><u>Subcontracted Microbiology</u></b>						
Coliforms, Fecal	2420	1	MPN/100ml	06-Sep-18	APHA9223B	

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Taiga Batch No.:

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## - CERTIFICATE OF ANALYSIS -

Client Sample ID: **2014-E4**

Taiga Sample ID: **003**

Client Project: W2014L3-0002

Sample Type: Sewage

Received Date: 05-Sep-18

Sampling Date: 05-Sep-18

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	0.010	0.005	mg/L	11-Sep-18	SM4500-NH3:G	
Biochemical Oxygen Demand	18	2	mg/L	06-Sep-18	SM5210:B	
CBOD	14	2	mg/L	06-Sep-18	SM5210:B	
Phosphorous, Total	0.951	0.002	mg/L	12-Sep-18	SM4500-P:D	
<b><u>Inorganics - Physicals</u></b>						
pH	7.03		pH units	05-Sep-18	SM4500-H:B	
Solids, Total Suspended	182	3	mg/L	06-Sep-18	SM2540:D	
<b><u>Subcontracted Microbiology</u></b>						
Coliforms, Fecal	10	10	MPN/100ml	06-Sep-18	APHA9223B	210

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Taiga Batch No.:

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## - CERTIFICATE OF ANALYSIS -

Client Sample ID: **2014-R2**

Taiga Sample ID: **004**

Client Project: W2014L3-0002

Sample Type: Sewage

Received Date: 05-Sep-18

Sampling Date: 05-Sep-18

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	18.4	0.005	mg/L	27-Sep-18	SM4500-NH3:G	
Biochemical Oxygen Demand	6	2	mg/L	06-Sep-18	SM5210:B	
CBOD	5	2	mg/L	06-Sep-18	SM5210:B	
Phosphorous, Total	6.28	0.002	mg/L	12-Sep-18	SM4500-P:D	
<b><u>Inorganics - Physicals</u></b>						
pH	7.81		pH units	05-Sep-18	SM4500-H:B	
Solids, Total Suspended	4	3	mg/L	06-Sep-18	SM2540:D	
<b><u>Subcontracted Microbiology</u></b>						
Coliforms, Fecal	< 1	1	MPN/100ml	06-Sep-18	APHA9223B	

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**- CERTIFICATE OF ANALYSIS -**

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Client Sample ID: **2014-R2**

Taiga Sample ID: **004**

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**- DATA QUALIFIERS -**

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*Data Qualifier Descriptions:*

**210**     *Detection limit adjusted for required dilution.*

**\* 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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