

**From:** [taiga](#)  
**To:** [Susan Christie \(sao@fortprovidence.ca\)](mailto:sao@fortprovidence.ca); ["provwork@ssimicro.com"](mailto:provwork@ssimicro.com); [Wendy Bidwell](#); [Erica Janes](#)  
**Subject:** Emailing: 211493 - 2122 - FINAL REPORT, 211493 - 2122 - FINAL REPORT  
**Date:** Friday, August 27, 2021 2:22:15 PM  
**Attachments:** [211493 - 2122 - FINAL REPORT.pdf](#)  
[211493 - 2122 - FINAL REPORT.xls](#)

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Susan,

Please see attached for final report 211493.

Have a good day.

Mársı | Kinanāskomitin | Thank you | Merci | Hai' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsi  
Glen Hudy  
Chemist, Quality Assurance  
Environmental Protection and Waste Management  
Environment and Natural Resources  
Government of the Northwest Territories

Taiga Environmental Laboratory  
PO Box 1320  
Yellowknife, NT X1A 2L9

Phone: 867-767-9235 Ext. 53154  
Fax: 867-920-8740  
[www.enr.gov.nt.ca](http://www.enr.gov.nt.ca)

Survey: <https://www.surveymonkey.com/r/TaigaLab>

Your message is ready to be sent with the following file or link attachments:

211493 - 2122 - FINAL REPORT  
211493 - 2122 - FINAL REPORT

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

**Taiga Batch No.:**  
**211493**

**- FINAL REPORT -**

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**Prepared For:** Hamlet of Fort Providence

**Address:** General Delivery  
Fort Providence, NT  
X0E 0L0

**Attn:** Susan Christie

**Facsimile:** (867) 699-4624

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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:** August-27-21

**Print Date:** *August-27-21*



## Taiga Environmental Laboratory

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

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

Taiga Batch No.:  
**211493**

### - CERTIFICATE OF ANALYSIS -

Client Sample ID: **1412-2**

Taiga Sample ID: **001**

**Client Project:**

**Sample Type:** Sewage Effluent

**Received Date:** 17-Aug-21

**Sampling Date:** 17-Aug-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	6.68	0.005	mg/L	20-Aug-21	TEL068	
CBOD	30	2	mg/L	17-Aug-21	TEL019	
Phosphorous, Total	6.00	0.002	mg/L	19-Aug-21	TEL069	
<b><u>Inorganics - Physicals</u></b>						
pH	8.41		pH units	17-Aug-21	TEL058	
Solids, Total Suspended	52	3	mg/L	17-Aug-21	TEL008	
<b><u>Major Ions</u></b>						
Nitrate as Nitrogen	< 0.01	0.01	mg/L	18-Aug-21	TEL055	
Nitrite as Nitrogen	< 0.01	0.01	mg/L	18-Aug-21	TEL055	
<b><u>Microbiology</u></b>						
Coliforms, Fecal	< 10	10	CFU/100mL	17-Aug-21	TEL017	
<b><u>Organics</u></b>						
Hexane Extractable Material	< 2.0	2	mg/L	25-Aug-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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