

From: [Wendy Bidwell](#)
To: [Albertine Canadien](#); sao@fortprovidence.ca
Cc: cliffcloud@hotmail.com; provwork@ssimicro.com; [Brad McInnes](#); [Erica Janes](#); [Heather Scott](#)
Subject: RE: Emailing: 190683 - 1920 - PRELIMINARY REPORT
Date: Monday, August 19, 2019 3:58:38 PM
Attachments: [190683 - 1920 - FINAL REPORT.PDF](#)

Good afternoon all,

I have reviewed the pre-decant sample results (attached) and all parameters meet licence Effluent Quality Criteria.

I spoke with Clifford today and he relayed that decant commenced on Tuesday the 13th at ~ 8:45 until 6:00 pm. Because the two pumps being used only have ~1.5 hrs. runtime, the Hamlet is not able to run the pumps overnight.

Due to rainy conditions at site and the muddy conditions along the lagoon facility perimeter road today, the Hamlet is not decanting due to access. They hope to recommence decant operations tomorrow.

Clifford informed that he collected another sample on Thursday the 15th and will continue to do so weekly (as per the licence) until decant is complete.

I just wanted to keep you all informed as to how this emergency decant is progressing.

Regards,

Wendy

Mársi | Kinanaskomitin | Thank you | Merci | Hąı' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsi
Wendy Bidwell
Water Resource Officer
South Slave Region
Department of Environment and Natural Resources
Government of the Northwest Territories

Highway #5
PO Box 900
Fort Smith, NT X0E 0P0

Phone: 867-872-6421
Cell: 867-446-3775
Fax: 867-872-4250
www.gov.nt.ca

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please delete it immediately and notify us by telephone. Thank you.

-----Original Message-----

From: Albertine Canadien [<mailto:finance@fortprovidence.ca>]
Sent: Friday, August 16, 2019 11:57 AM

To: Wendy Bidwell
Subject: RE: Emailing: 190683 - 1920 - PRELIMINARY REPORT

Good Day,

I asked Clifford regarding this and his email seems to be down, so the receptionist will be going to his office this afternoon and check. He also send out another sample yesterday.

Once his email is checked and results are in, I will forward to your office.

Thanks,

Albertine

-----Original Message-----

From: Wendy Bidwell [mailto:Wendy_Bidwell@gov.nt.ca]
Sent: Friday, August 16, 2019 11:02 AM
To: Glen Hudy <Glen_Hudy@gov.nt.ca>
Cc: Susan Christie (sao@fortprovidence.ca) <sao@fortprovidence.ca>; 'ejanes@mvlwb.com' <ejanes@mvlwb.com>; 'finance@fortprovidence.ca'
Subject: RE: Emailing: 190683 - 1920 - PRELIMINARY REPORT

Hi Glen,

When do you anticipate Total Suspended Solid results?

Thanks,

Wendy

Mársi | Kinanaskomitin | Thank you | Merci | Hai' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsi
Wendy Bidwell Water Resource Officer South Slave Region Department of Environment and Natural Resources
Government of the Northwest Territories

Highway #5
PO Box 900
Fort Smith, NT X0E 0P0

Phone: 867-872-6421
Cell: 867-446-3775
Fax: 867-872-4250
www.gov.nt.ca

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please delete it immediately and notify us by telephone. Thank you.

-----Original Message-----

From: Glen Hudy
Sent: Friday, August 16, 2019 10:55 AM
To: Susan Christie (sao@fortprovidence.ca); 'ejanes@mvlwb.com'; Wendy Bidwell
Subject: Emailing: 190683 - 1920 - PRELIMINARY REPORT

Susan,

Please see attached for preliminary report 190683.

Have a good day.

Mársi | Kinanaskomitin | Thank you | Merci | Hąı' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsi Glen
Hudy Chemist, Quality Assurance Water Resources 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

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

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

190683 - 1920 - PRELIMINARY REPORT

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.



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

Taiga Batch No.:
190683

- FINAL REPORT -

Prepared For: Hamlet of Fort Providence

Address: General Delivery
Fort Providence, NT
X0E 0L0

Attn: Susan Christie

Facsimile: (867) 699-4624

Final report has been reviewed and approved by:

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: Friday, August 16, 2019

Print Date: *Friday, August 16, 2019*

Page 1 of 3



Taiga Environmental Laboratory

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

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

Taiga Batch No.:
190683

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **1412-2**

Taiga Sample ID: **001**

Client Project: MV2016L3-0001

Sample Type: Water

Received Date: 09-Aug-19

Sampling Date: 08-Aug-19

Sampling Time: 11:30

Location:

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	2.66	0.005	mg/L	15-Aug-19	SM4500-NH3:G	
CBOD	30	2	mg/L	09-Aug-19	SM5210:B	
Phosphorous, Total	4.22	0.002	mg/L	13-Aug-19	SM4500-P:D	
<u>Inorganics - Physicals</u>						
pH	8.56		pH units	09-Aug-19	SM4500-H:B	
Solids, Total Suspended	40	3	mg/L	15-Aug-19	SM2540:D	
<u>Major Ions</u>						
Nitrate as Nitrogen	0.17	0.01	mg/L	09-Aug-19	SM4110:B	
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09-Aug-19	SM4110:B	
<u>Microbiology</u>						
Coliforms, Fecal	10	10	CFU/100mL	09-Aug-19	SM9222:D	
<u>Organics</u>						
Hexane Extractable Material	< 2.0	2.0	mg/L	09-Aug-19	EPA1664A	

ReportDate: Friday, August 16, 2019

Print Date: *Friday, August 16, 2019*

Page 2 of 3



Taiga Environmental Laboratory

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

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

Taiga Batch No.:

190683

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **1412-2**

Taiga Sample ID: **001**

*** 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: Friday, August 16, 2019

Print Date: *Friday, August 16, 2019*

Page 3 of 3