

From: [Erica Janes](#)
To: [Permits](#)
Subject: FW: Emailing: 180637 - 1819 - FINAL REPORT, 180637 - 1819 - FINAL REPORT
Date: August 16, 2018 1:58:08 PM
Attachments: [180637 - 1819 - FINAL REPORT.pdf](#)

Please post email and pdf to MV2011L3-0001 - Fort Smith - 5 Reports and Studies / SNP Reports - SNP results from stations 567-1, 567-2 and 567-6 from July 26 2018 - Aug16-18

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

From: Glen Hudy <Glen_Hudy@gov.nt.ca> On Behalf Of taiga
Sent: Thursday, August 16, 2018 11:49 AM
To: Jesse Foote <jfoote@fortsmith.ca>; Erica Janes <ejanes@mvlwb.com>; Wendy Bidwell <Wendy_Bidwell@gov.nt.ca>
Subject: Emailing: 180637 - 1819 - FINAL REPORT, 180637 - 1819 - FINAL REPORT

Jesse,

Please see attached for final report 180637.

Have a good day.

Mársi | Kinanaskomitin | Thank you | Merci | Háj' | 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

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

180637 - 1819 - FINAL REPORT
180637 - 1819 - FINAL 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.:
180637

- FINAL REPORT -

Prepared For: Town of Fort Smith

Address: P.O. Box 147
Fort Smith, NT
X0E 0P0

Attn: Jesse Foote

Facsimile: (867) 872-3166

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: Thursday, August 16, 2018

Print Date: *Thursday, August 16, 2018*

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Taiga Environmental Laboratory

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

Taiga Batch No.:
180637

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **567-1**

Taiga Sample ID: **001**

Client Project: MV2011L3-0001

Sample Type: Potable

Received Date: 27-Jul-18

Sampling Date: 26-Jul-18

Sampling Time: 14:00

Location: 567-1

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<u>Inorganics - Physicals</u>						
pH	7.41		pH units	27-Jul-18	SM4500-H:B	
<u>Major Ions</u>						
Fluoride	0.6	0.1	mg/L	27-Jul-18	SM4110:B	
<u>Organics</u>						
Bromodichloromethane	< 0.005	0.005	mg/L	07-Aug-18	EPA8260B	
Bromoform	< 0.005	0.005	mg/L	07-Aug-18	EPA8260B	
Chloroform	0.044	0.005	mg/L	07-Aug-18	EPA8260B	
Dibromochloromethane	< 0.005	0.005	mg/L	07-Aug-18	EPA8260B	
Trihalomethanes, Total	0.047	0.005	mg/L	07-Aug-18	EPA8260B	

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

Taiga Batch No.:
180637

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **567-2**

Taiga Sample ID: **002**

Client Project: MV2011L3-0001

Sample Type: Wastewater

Received Date: 27-Jul-18

Sampling Date: 26-Jul-18

Sampling Time: 14:00

Location: 567-2

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	10.2	0.005	mg/L	14-Aug-18	SM4500-NH3:G	
Biochemical Oxygen Demand	35	2	mg/L	27-Jul-18	SM5210:B	
CBOD	32	2	mg/L	27-Jul-18	SM5210:B	
Phosphorous, Total	6.35	0.002	mg/L	31-Jul-18	SM4500-P:D	
<u>Inorganics - Physicals</u>						
pH	7.50		pH units	27-Jul-18	SM4500-H:B	
Solids, Total Suspended	88	3	mg/L	31-Jul-18	SM2540:D	
<u>Major Ions</u>						
Nitrate as Nitrogen	0.09	0.01	mg/L	27-Jul-18	SM4110:B	
Nitrite as Nitrogen	0.06	0.01	mg/L	27-Jul-18	SM4110:B	
<u>Microbiology</u>						
Coliforms, Fecal		1	CFU/100mL		SM9222:D	105

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Taiga Batch No.:
180637

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **567-6**

Taiga Sample ID: **003**

Client Project: MV2011L3-0001

Sample Type: River Water

Received Date: 27-Jul-18

Sampling Date: 26-Jul-18

Sampling Time: 14:00

Location: 567-6

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	0.009	0.005	mg/L	08-Aug-18	SM4500-NH3:G	
Biochemical Oxygen Demand	3	2	mg/L	27-Jul-18	SM5210:B	
CBOD	< 2	2	mg/L	27-Jul-18	SM5210:B	
Phosphorous, Total	0.149	0.002	mg/L	31-Jul-18	SM4500-P:D	
<u>Inorganics - Physicals</u>						
pH	8.16		pH units	27-Jul-18	SM4500-H:B	
Solids, Total Suspended	136	3	mg/L	31-Jul-18	SM2540:D	
<u>Major Ions</u>						
Nitrate as Nitrogen	0.31	0.01	mg/L	27-Jul-18	SM4110:B	
Nitrite as Nitrogen	< 0.01	0.01	mg/L	27-Jul-18	SM4110:B	
<u>Microbiology</u>						
Coliforms, Fecal		1	CFU/100mL		SM9222:D	105

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Taiga Batch No.:

180637

- CERTIFICATE OF ANALYSIS -

Client Sample ID: 567-6

Taiga Sample ID: 003

- DATA QUALIFIERS -

Data Qualifier Descriptions:

105 *Samples received past hold time; analysis not possible.*

*** 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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