



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

Taiga Batch No.:
250218

- 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:

A handwritten signature in black ink, appearing to read 'Bradley Koswan'.

Bradley Koswan
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: 12-Mar-25

Print Date: 12-Mar-25



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Taiga Batch No.:
250218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **567-1**

Taiga Sample ID: **001**

Client Project: MV20011L3-0001

Sample Type: Potable

Received Date: 26-Feb-25

Sampling Date: 26-Feb-25

Sampling Time: 10:30

Location: 567-1

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<u>Inorganics - Physicals</u>						
pH	7.23		pH units	27-Feb-25	TEL058	
<u>Major Ions</u>						
Fluoride	< 0.1	0.1	mg/L	27-Feb-25	TEL055	
<u>Microbiology</u>						
Coliforms, Total	< 1.0	1	MPN/100ml	27-Feb-25	TEL053	
Escherichia coli	< 1.0	1	MPN/100ml	27-Feb-25	TEL053	
<u>Organics</u>						
Bromodichloromethane	7.2	1	ug/L	10-Mar-25	TEL074	
Bromoform	< 1.0	1	ug/L	10-Mar-25	TEL074	
Chloroform	49.7	1	ug/L	10-Mar-25	TEL074	
Dibromochloromethane	< 1.0	1	ug/L	10-Mar-25	TEL074	
Trihalomethanes, Total (calc.)	57.6	1	ug/L	10-Mar-25	TEL074	

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Taiga Batch No.:
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- CERTIFICATE OF ANALYSIS -

Client Sample ID: **567-2**

Taiga Sample ID: **002**

Client Project: MV20011L3-0001

Sample Type: Wastewater

Received Date: 26-Feb-25

Sampling Date: 26-Feb-25

Sampling Time: 10:30

Location: 567-2

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	63.8	0.21	mg/L	03-Mar-25	TEL068	210
Biochemical Oxygen Demand	227	2	mg/L	27-Feb-25	TEL019	
CBOD	218	2	mg/L	27-Feb-25	TEL019	
Phosphorous, Total	6.09	0.008	mg/L	04-Mar-25	TEL069	210
<u>Inorganics - Physicals</u>						
pH	6.86		pH units	27-Feb-25	TEL058	
Solids, Total Suspended	42	3	mg/L	04-Mar-25	TEL008	
<u>Major Ions</u>						
Nitrate+Nitrite as Nitrogen	0.06	0.01	mg/L	27-Feb-25	TEL055	
<u>Microbiology</u>						
Coliforms, Fecal	510000	10000	CFU/100mL	27-Feb-25	TEL017	210
<u>Organics</u>						
Oil and Grease, visible	Non-visible			26-Feb-25	Visual Exam	

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Taiga Batch No.:

250218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **567-1**

Taiga Sample ID: **003**

Client Project: MV20011L3-0001

Sample Type: River Water, Non-potable

Received Date: 26-Feb-25

Sampling Date: 26-Feb-25

Sampling Time: 10:30

Location: 567-1

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Microbiology						
Coliforms, Total	12.2	1	MPN/100ml	27-Feb-25	TEL053	
Escherichia coli	< 1.0	1	MPN/100ml	27-Feb-25	TEL053	

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: **567-1**

Taiga Sample ID: **003**

- DATA QUALIFIERS -

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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