



Taiga Batch No.:
250188

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

- FINAL REPORT -

Prepared For: Hamlet of Fort Liard

Address: General Delivery
Fort Liard, NT
X0G 0A0

Attn: Kotee Lee

Facsimile:

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: 7-Mar-25

Print Date: 7-Mar-25

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: **1478-7**

Taiga Sample ID: **001**

Client Project: MV2019L3-0007

Sample Type: WTP Backwash

Received Date: 19-Feb-25

Sampling Date: 19-Feb-25

Sampling Time: 6:10

Location: Fort Liard Water Treatment Plant

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Phosphorous, Total	5.81	0.008	mg/L	04-Mar-25	TEL069	210
<u>Trace Metals, Total</u>						
Aluminum	143	0.6	µg/L	21-Feb-25	TEL035	
Antimony	0.1	0.1	µg/L	21-Feb-25	TEL035	
Arsenic	4.0	0.2	µg/L	21-Feb-25	TEL035	
Barium	3430	0.1	µg/L	21-Feb-25	TEL035	
Boron	33.3	0.9	µg/L	21-Feb-25	TEL035	
Cadmium	0.17	0.04	µg/L	21-Feb-25	TEL035	
Chromium	1.4	0.1	µg/L	21-Feb-25	TEL035	
Cobalt	4.0	0.1	µg/L	21-Feb-25	TEL035	
Copper	1.3	0.2	µg/L	21-Feb-25	TEL035	
Iron	157000	5000	µg/L	21-Feb-25	TEL035	210
Lead	0.6	0.1	µg/L	21-Feb-25	TEL035	
Manganese	12900	0.1	µg/L	21-Feb-25	TEL035	

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Mercury	0.02	0.01	µg/L	21-Feb-25	TEL035
Molybdenum	1.3	0.1	µg/L	21-Feb-25	TEL035
Nickel	1.3	0.1	µg/L	21-Feb-25	TEL035
Selenium	< 0.3	0.3	µg/L	21-Feb-25	TEL035
Thallium	< 0.1	0.1	µg/L	21-Feb-25	TEL035
Uranium	1.0	0.1	µg/L	21-Feb-25	TEL035
Zinc	349	0.4	µg/L	21-Feb-25	TEL035

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- 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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