



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

Taiga Batch No.:
200217

- FINAL REPORT -

Prepared For: Community Government of Behchoko

Address: P.O. Box 68
Behchoko, NT
X0E 0Y0

Attn: Galvin Simpson

Facsimile: (867) 392-6967

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: Tuesday, May 26, 2020

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200217

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **R2 Structure**

Taiga Sample ID: **001**

Client Project: W2014L3-0002

Sample Type: Groundwater

Received Date: 20-May-20

Sampling Date: 20-May-20

Sampling Time: 11:50

Location: Rae Lagoon Decant Structure

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<u>Microbiology</u>						
Coliforms, Fecal	< 10	10	CFU/100mL	20-May-20	SM9222:D	
<u>Trace Metals, Total</u>						
Aluminum	1650	5	µg/L	25-May-20	EPA200.8	
Antimony	0.2	0.1	µg/L	25-May-20	EPA200.8	
Arsenic	36.0	0.2	µg/L	25-May-20	EPA200.8	
Barium	191	0.1	µg/L	25-May-20	EPA200.8	
Beryllium	< 0.1	0.1	µg/L	25-May-20	EPA200.8	
Bismuth	< 0.2	0.2	µg/L	25-May-20	EPA200.8	
Boron	196	0.9	µg/L	25-May-20	EPA200.8	
Cadmium	< 0.1	0.1	µg/L	25-May-20	EPA200.8	
Cesium	0.3	0.1	µg/L	25-May-20	EPA200.8	
Chromium	3.4	0.1	µg/L	25-May-20	EPA200.8	
Cobalt	2.3	0.1	µg/L	25-May-20	EPA200.8	
Copper	3.5	0.2	µg/L	25-May-20	EPA200.8	

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Iron	11000	5	µg/L	25-May-20	EPA200.8
Lead	1.5	0.1	µg/L	25-May-20	EPA200.8
Lithium	29.2	0.2	µg/L	25-May-20	EPA200.8
Manganese	1360	0.1	µg/L	25-May-20	EPA200.8
Mercury	0.01	0.01	µg/L	25-May-20	EPA200.8
Molybdenum	4.3	0.1	µg/L	25-May-20	EPA200.8
Nickel	4.8	0.1	µg/L	25-May-20	EPA200.8
Rubidium	12.1	0.1	µg/L	25-May-20	EPA200.8
Selenium	< 0.5	0.5	µg/L	25-May-20	EPA200.8
Silver	< 0.1	0.1	µg/L	25-May-20	EPA200.8
Strontium	602	0.1	µg/L	25-May-20	EPA200.8
Thallium	< 0.1	0.1	µg/L	25-May-20	EPA200.8
Tin	0.2	0.1	µg/L	25-May-20	EPA200.8
Titanium	80.6	0.1	µg/L	25-May-20	EPA200.8
Uranium	6.5	0.1	µg/L	25-May-20	EPA200.8
Vanadium	4.6	0.1	µg/L	25-May-20	EPA200.8
Zinc	9.4	5	µg/L	25-May-20	EPA200.8

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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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