



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

Taiga Batch No.:
200784

- FINAL REPORT -

Prepared For: Hamlet of Tuktoyaktuk

Address: P.O. Box 120
Tuktoyaktuk, NT
X0E 1C0

Attn: Duncan Walker

Facsimile: (867) 977-2110

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: Monday, September 28, 2020

Print Date: *Monday, September 28, 2020*

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: **Solid Waste Site**

Taiga Sample ID: **001**

Client Project:

Sample Type: Water

Received Date: 18-Sep-20

Sampling Date: 17-Sep-20

Sampling Time: 7:00

Location: Tuktoyaktuk Solid Waste Site

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Biochemical Oxygen Demand	2	2	mg/L	18-Sep-20	SM5210:B	
<u>Inorganics - Physicals</u>						
pH	8.27		pH units	22-Sep-20	SM4500-H:B	11
Solids, Total Suspended	< 3	3	mg/L	21-Sep-20	SM2540:D	
<u>Microbiology</u>						
Coliforms, Fecal	5	1	CFU/100mL	18-Sep-20	SM9222:D	
<u>Subcontracted Organics</u>						
Polychlorinated Biphenyls	< 0.00100	0.0010	mg/L	24-Sep-20	EPA3510	
<u>Trace Metals, Total</u>						
Cadmium	< 0.1	0.1	µg/L	23-Sep-20	EPA200.8	
Chromium	0.3	0.1	µg/L	23-Sep-20	EPA200.8	
Cobalt	0.1	0.1	µg/L	23-Sep-20	EPA200.8	
Copper	2.0	0.2	µg/L	23-Sep-20	EPA200.8	
Iron	463	5	µg/L	23-Sep-20	EPA200.8	
Lead	0.6	0.1	µg/L	23-Sep-20	EPA200.8	

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Manganese	8.5	0.1	µg/L	23-Sep-20	EPA200.8
Mercury	< 0.01	0.01	µg/L	23-Sep-20	EPA200.8
Nickel	3.0	0.1	µg/L	23-Sep-20	EPA200.8
Zinc	13.8	5	µg/L	23-Sep-20	EPA200.8

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- DATA QUALIFIERS -

Data Qualifier Descriptions:

11 *Holding time exceeded before sample analysis.*

*** 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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