



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

Taiga Batch No.:
170943

- FINAL REPORT -

Prepared For: Hamlet of Sachs Harbour

Address: P.O. Box 90
Sachs Harbour, NT
XOE 0Z0

Attn: Adella Carpenter

Facsimile: (867) 690-4802

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, September 28, 2017

Print Date: *Thursday, September 28, 2017*



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Taiga Batch No.:

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: 1531-2

Taiga Sample ID: 001

Client Project: Sept. Sampling

Sample Type: Water

Received Date: 18-Sep-17

Sampling Date: 14-Sep-17

Sampling Time: 14:30

Location: 1531-2

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Biochemical Oxygen Demand		2	mg/L		SM5210:B	105
CBOD		2	mg/L		SM5210:B	105
<u>Inorganics - Physicals</u>						
pH	7.57		pH units	18-Sep-17	SM4500-H:B	
Solids, Total Suspended	21	3	mg/L	22-Sep-17	SM2540:D	
<u>Microbiology</u>						
Coliforms, Fecal		1	CFU/100mL		SM9222:D	105
<u>Organics</u>						
Hexane Extractable Material		2.0	mg/L		EPA1664A	103

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Taiga Batch No.:
170943

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **1531-3**

Taiga Sample ID: **002**

Client Project: Sept. Sampling
Sample Type: Water
Received Date: 18-Sep-17
Sampling Date: 14-Sep-17
Sampling Time: 11:44
Location: 1531-3
Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<u>Inorganics - Physicals</u>						
pH	7.55		pH units	18-Sep-17	SM4500-H:B	
Solids, Total Dissolved	3330	10	mg/L	22-Sep-17	SM2540:C	
<u>Trace Metals, Total</u>						
Aluminum		0.6	µg/L		EPA200.8	16
Antimony		0.1	µg/L		EPA200.8	16
Arsenic		0.2	µg/L		EPA200.8	16
Barium		0.1	µg/L		EPA200.8	16
Beryllium		0.1	µg/L		EPA200.8	16
Cadmium		0.04	µg/L		EPA200.8	16
Cesium		0.1	µg/L		EPA200.8	16
Chromium		0.1	µg/L		EPA200.8	16
Cobalt		0.1	µg/L		EPA200.8	16
Copper		0.2	µg/L		EPA200.8	16
Iron		5	µg/L		EPA200.8	16
Lead		0.1	µg/L		EPA200.8	16
Lithium		0.2	µg/L		EPA200.8	16

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Client Sample ID: **1531-3**

Taiga Sample ID: **002**

Manganese	0.1	µg/L	EPA200.8	16
Molybdenum	0.1	µg/L	EPA200.8	16
Nickel	0.1	µg/L	EPA200.8	16
Rubidium	0.1	µg/L	EPA200.8	16
Selenium	0.3	µg/L	EPA200.8	16
Silver	0.1	µg/L	EPA200.8	16
Strontium	0.1	µg/L	EPA200.8	16
Thallium	0.1	µg/L	EPA200.8	16
Titanium	0.1	µg/L	EPA200.8	16
Uranium	0.1	µg/L	EPA200.8	16
Vanadium	0.1	µg/L	EPA200.8	16
Zinc	0.4	µg/L	EPA200.8	16

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Taiga Sample ID: 002

- DATA QUALIFIERS -

Data Qualifier Descriptions:

- 103 *Bottle received empty, analysis not possible*
- 105 *Samples received past hold time; analysis not possible.*
- 16 *Test requested but no sample bottle received*

* 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