



Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-765-6645 Fax: (867)-873-2652

Taiga Batch No.:
151073

- FINAL REPORT -

Prepared For: Hamlet of Fort McPherson

Address: P.O. Box 57
Fort McPherson, NT
X0E 0J0

Attn: Supervisor

Facsimile: (867) 952-2725

Final report has been reviewed and approved by:

A handwritten signature in black ink, appearing to read "Glen Hudy". The signature is written in a cursive, flowing style.

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, December 01, 2015
Print Date: *Tuesday, December 01, 2015*

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Taiga Batch No.:
151073

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **1696-2**

Taiga Sample ID: **001**

Client Project: GO3L3-001
Sample Type: Sewage
Received Date: 19-Nov-15
Sampling Date: 18-Nov-15
Sampling Time: 8:09
Location: 1696-2
Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	42.2	0.005	mg/L	20-Nov-15	SM4500-NH3:G	
Biochemical Oxygen Demand	82	2	mg/L	19-Nov-15	SM5210:B	
CBOD	76	2	mg/L	19-Nov-15	SM5210:B	
<u>Inorganics - Physicals</u>						
pH	7.32		pH units	19-Nov-15	SM4500-H:B	
Solids, Total Suspended	63	3	mg/L	20-Nov-15	SM2540:D	
<u>Microbiology</u>						
Coliforms, Fecal	50000	1000	CFU/100mL	19-Nov-15	SM9222:D	3
<u>Organics</u>						
Hexane Extractable Material	22.3	2.0	mg/L	30-Nov-15	EPA1664A	

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Client Sample ID: 1696-2

Taiga Sample ID: 001

- DATA QUALIFIERS -

Data Qualifier Descriptions:

3 *Holding time exceeded before receipt of sample*

* 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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Sampling Location	Sample Collect Date	Sample Received Date	Test Group Name	Lab Section
1696-2	18-Nov-15	19-Nov-15	NH3-N	Inorganics - Nutrients
1696-2	18-Nov-15	19-Nov-15	BOD	Inorganics - Nutrients
1696-2	18-Nov-15	19-Nov-15	CBOD	Inorganics - Nutrients
1696-2	18-Nov-15	19-Nov-15	TSS	Inorganics - Physicals
1696-2	18-Nov-15	19-Nov-15	pH	Inorganics - Physicals
1696-2	18-Nov-15	19-Nov-15	FC - CFU	Microbiology
1696-2	18-Nov-15	19-Nov-15	HEM	Organics

Parameter Name	Result Flag	Reported Result	Units
Ammonia as Nitrogen		42.2	mg/L
Biochemical Oxygen Demand		82	mg/L
CBOD		76	mg/L
Solids, Total Suspended		63	mg/L
pH		7.32	pH units
Coliforms, Fecal		50000	CFU/100mL
Hexane Extractable Material		22.3	mg/L

CALC MDL	mple Result Qual	alysis Result Qual	Analysis Date	Prep Method	Test Method
0.005			20-Nov-15		SM4500-NH3:G
2			19-Nov-15		SM5210:B
2			19-Nov-15		SM5210:B
3			20-Nov-15		SM2540:D
			19-Nov-15		SM4500-H:B
1000		3	19-Nov-15		SM9222:D
2.0			30-Nov-15		EPA1664A

REPORT STATUS	DL
Final	0.005
Final	2
Final	2
Final	3
Final	
Final	1000
Final	2