



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

Taiga Batch No.:
150697

- FINAL REPORT -

Prepared For: GNWT - Environment and Natural Resources

Address: P.O. Box 2749
Inuvik, NT
X0E 0T0

Attn: Philippe Thibert-Leduc

Facsimile: (867) 678-6659

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: Wednesday, August 19, 2015

Print Date: *Wednesday, August 19, 2015*

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Taiga Batch No.:
150697

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP 1619-2**

Taiga Sample ID: **001**

Client Project: N7L3-1619

Sample Type: Sewage Lagoon Outflow

Received Date: 13-Aug-15

Sampling Date: 10-Aug-15

Sampling Time: 11:45

Location: Paulatuk, NT

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	0.014	0.005	mg/L	13-Aug-15	SM4500-NH3:G	
Biochemical Oxygen Demand	< 2	2	mg/L	13-Aug-15	SM5210:B	
CBOD	< 2	2	mg/L	13-Aug-15	SM5210:B	
<u>Inorganics - Physicals</u>						
pH	8.31		pH units	13-Aug-15	SM4500-H:B	
Solids, Total Suspended	59	3	mg/L	14-Aug-15	SM2540:D	
Turbidity	6.91	0.05	NTU	13-Aug-15	SM2130:B	
<u>Major Ions</u>						
Nitrate+Nitrite as Nitrogen	0.38	0.01	mg/L	13-Aug-15	SM4110:B	
<u>Microbiology</u>						
Coliforms, Fecal	5	1	CFU/100mL	13-Aug-15	SM9222:D	88

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Taiga Batch No.:
150697

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP 1619-3**

Taiga Sample ID: **002**

Client Project: N7L3-1619

Sample Type: Sewage Lagoon 2

Received Date: 13-Aug-15

Sampling Date: 10-Aug-15

Sampling Time: 11:45

Location: Paulatuk, NT

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	7.22	0.005	mg/L	13-Aug-15	SM4500-NH3:G	
<u>Inorganics - Physicals</u>						
pH	8.20		pH units	13-Aug-15	SM4500-H:B	
Solids, Total Suspended	388	3	mg/L	14-Aug-15	SM2540:D	
Turbidity	158	0.05	NTU	13-Aug-15	SM2130:B	
<u>Major Ions</u>						
Nitrate+Nitrite as Nitrogen	0.11	0.01	mg/L	13-Aug-15	SM4110:B	
<u>Organics</u>						
Hexane Extractable Material	< 2.0	2.0	mg/L		EPA1664A	

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP 1619-3**

Taiga Sample ID: **002**

- DATA QUALIFIERS -

Data Qualifier Descriptions:

88 *Samples analysed past holding time, as per client request.*

*** 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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