



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

Taiga Batch No.:
212166

- FINAL REPORT -

Prepared For: Community Government of Behchoko

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

Attn: Peter Zoe

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: November-04-21

Print Date: November-05-21

Page 1 of 6



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

Taiga Batch No.:
212166

- CERTIFICATE OF ANALYSIS -

Client Sample ID: R4

Taiga Sample ID: 001

Client Project: W2014L3-0002

Sample Type: Sewage

Received Date: 28-Oct-21

Sampling Date: 28-Oct-21

Sampling Time:

Location:

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	0.067	0.005	mg/L	28-Oct-21	TEL068	
Biochemical Oxygen Demand	4	2	mg/L	28-Oct-21	TEL019	
CBOD	4	2	mg/L	28-Oct-21	TEL019	
Ortho-Phosphate as Phosphorus	0.006	0.002	mg/L	29-Oct-21	TEL069	
Phosphorous, Dissolved	0.012	0.002	mg/L	30-Oct-21	TEL069	
Phosphorous, Total	0.024	0.002	mg/L	30-Oct-21	TEL069	
<u>Inorganics - Physicals</u>						
Alkalinity, Total (as CaCO ₃)	61.4	0.4	mg/L	28-Oct-21	TEL060	
Conductivity, Specific (@25C)	179	0.4	µS/cm	28-Oct-21	TEL059	
pH	7.16		pH units	28-Oct-21	TEL058	
Solids, Total Dissolved	146	10	mg/L	29-Oct-21	TEL009	
Solids, Total Suspended	< 3	3	mg/L	29-Oct-21	TEL008	
<u>Major Ions</u>						
Nitrate+Nitrite as Nitrogen	0.05	0.01	mg/L	30-Oct-21	TEL055	
<u>Microbiology</u>						

ReportDate: November-04-21

Print Date: November-05-21



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

Taiga Batch No.:
212166

- CERTIFICATE OF ANALYSIS -

Client Sample ID: R4

Taiga Sample ID: 001

Coliforms, Fecal	< 1	1	CFU/100mL	28-Oct-21	TEL017
Coliforms, Total	261	1	MPN/100ml	28-Oct-21	TEL053
Escherichia coli	< 1.0	1	MPN/100ml	28-Oct-21	TEL053

Organics

Hexane Extractable Material	< 2.0	2	mg/L	02-Nov-21	TEL072
-----------------------------	-------	---	------	-----------	--------

Trace Metals, Total

Cadmium	< 0.1	0.1	µg/L	04-Nov-21	TEL035
Chromium	0.3	0.1	µg/L	04-Nov-21	TEL035
Cobalt	0.2	0.1	µg/L	04-Nov-21	TEL035
Copper	0.4	0.2	µg/L	04-Nov-21	TEL035
Iron	1470	5	µg/L	04-Nov-21	TEL035
Lead	< 0.1	0.1	µg/L	04-Nov-21	TEL035
Manganese	51.6	0.1	µg/L	04-Nov-21	TEL035
Nickel	0.9	0.1	µg/L	04-Nov-21	TEL035
Zinc	< 5.0	5	µg/L	04-Nov-21	TEL035

ReportDate: November-04-21

Print Date: November-05-21

Page 3 of 6



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

Taiga Batch No.:
212166

- CERTIFICATE OF ANALYSIS -

Client Sample ID: R3

Taiga Sample ID: 002

Client Project: W2014L3-0002
Sample Type: Sewage
Received Date: 28-Oct-21
Sampling Date: 28-Oct-21
Sampling Time:
Location:
Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	0.021	0.005	mg/L	28-Oct-21	TEL068	
Biochemical Oxygen Demand	11	2	mg/L	28-Oct-21	TEL019	
CBOD	11	2	mg/L	28-Oct-21	TEL019	
Ortho-Phosphate as Phosphorus	0.104	0.002	mg/L	29-Oct-21	TEL069	
Phosphorous, Dissolved	0.149	0.002	mg/L	30-Oct-21	TEL069	
Phosphorous, Total	0.320	0.002	mg/L	30-Oct-21	TEL069	
<u>Inorganics - Physicals</u>						
Alkalinity, Total (as CaCO ₃)	91.1	0.4	mg/L	28-Oct-21	TEL060	
Conductivity, Specific (@25C)	275	0.4	µS/cm	28-Oct-21	TEL059	
pH	7.33		pH units	28-Oct-21	TEL058	
Solids, Total Dissolved	210	10	mg/L	29-Oct-21	TEL009	
Solids, Total Suspended	10	3	mg/L	29-Oct-21	TEL008	
<u>Major Ions</u>						
Nitrate+Nitrite as Nitrogen	< 0.01	0.01	mg/L	30-Oct-21	TEL055	
<u>Microbiology</u>						
Coliforms, Fecal	6	1	CFU/100mL	28-Oct-21	TEL017	

ReportDate: November-04-21
Print Date: November-05-21

Page 4 of 6



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

Taiga Batch No.:
212166

- CERTIFICATE OF ANALYSIS -

Client Sample ID: R3

Taiga Sample ID: 002

Coliforms, Total	1550	1	MPN/100ml	28-Oct-21	TEL053
Escherichia coli	< 1.0	1	MPN/100ml	28-Oct-21	TEL053
<u>Organics</u>					
Hexane Extractable Material	< 2.0	2	mg/L	02-Nov-21	TEL072
<u>Trace Metals, Total</u>					
Cadmium	< 0.1	0.1	µg/L	04-Nov-21	TEL035
Chromium	0.5	0.1	µg/L	04-Nov-21	TEL035
Cobalt	0.6	0.1	µg/L	04-Nov-21	TEL035
Copper	0.6	0.2	µg/L	04-Nov-21	TEL035
Iron	1380	5	µg/L	04-Nov-21	TEL035
Lead	0.1	0.1	µg/L	04-Nov-21	TEL035
Manganese	245	0.1	µg/L	04-Nov-21	TEL035
Nickel	1.4	0.1	µg/L	04-Nov-21	TEL035
Zinc	62.8	5	µg/L	04-Nov-21	TEL035

ReportDate: November-04-21
Print Date: November-05-21

Page 5 of 6



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

Taiga Batch No.:
212166

- CERTIFICATE OF ANALYSIS -

Client Sample ID: R3

Taiga Sample ID: 002

*** 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

ReportDate: November-04-21
Print Date: November-05-21

Page 6 of 6