



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

Taiga Batch No.:
200349

- FINAL REPORT -

Prepared For: Community Government of Behchoko

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

Attn: Galvin Simpson

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: Thursday, July 16, 2020

Print Date: *Thursday, July 16, 2020*

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Taiga Environmental Laboratory

4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9

Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:
200349

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP R6**

Taiga Sample ID: **001**

Client Project: W2014L3-0002

Sample Type: Water

Received Date: 30-Jun-20

Sampling Date: 29-Jun-20

Sampling Time: 14:00

Location: Rae Landfill

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	0.012	0.005	mg/L	06-Jul-20	SM4500-NH3:G	
Biochemical Oxygen Demand	7	2	mg/L	30-Jun-20	SM5210:B	
CBOD	12	2	mg/L	30-Jun-20	SM5210:B	
Chemical Oxygen Demand	56	5	mg/L	02-Jul-20	SM5220:D	
Nitrogen, Total	1.00	0.06	mg/L	30-Jun-20	ISO/TR 11905:1997(E)	
Organic Carbon, Total	19.9	0.5	mg/L	30-Jun-20	SM5310:B	
Phosphorous, Total	0.068	0.002	mg/L	02-Jul-20	SM4500-P:D	
<u>Inorganics - Physicals</u>						
Conductivity, Specific (@25C)	940	0.4	µS/cm	30-Jun-20	SM2510:B	
pH	7.78		pH units	30-Jun-20	SM4500-H:B	
Solids, Total Suspended	52	3	mg/L	02-Jul-20	SM2540:D	
<u>Microbiology</u>						
Coliforms, Fecal	< 1	1	CFU/100mL	30-Jun-20	SM9222:D	
<u>Organics</u>						
Benzene	< 0.002	0.002	mg/L	07-Jul-20	EPA8260B	

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Taiga Sample ID: 001

Ethylbenzene	< 0.002	0.002	mg/L	07-Jul-20	EPA8260B
Hexane Extractable Material	< 2.0	2.0	mg/L	02-Jul-20	EPA1664A
Toluene	< 0.002	0.002	mg/L	07-Jul-20	EPA8260B
Xylenes	< 0.002	0.002	mg/L	07-Jul-20	EPA8260B
<u>Subcontracted Inorganics</u>					
Calcium	50.0	0.05	mg/L	02-Jul-20	EPA200.2
Magnesium	31.8	0.005	mg/L	02-Jul-20	EPA200.2
Potassium	3.92	0.05	mg/L	02-Jul-20	EPA200.2
Sodium	90.2	0.05	mg/L	02-Jul-20	EPA200.2
<u>Subcontracted Organics</u>					
Phenols, Total	< 0.0010	0.001	mg/L	04-Jul-20	AB ENV.06537
<u>Trace Metals, Total</u>					
Aluminum	198	5	µg/L	06-Jul-20	EPA200.8
Antimony	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Arsenic	3.7	0.2	µg/L	06-Jul-20	EPA200.8
Barium	49.7	0.1	µg/L	06-Jul-20	EPA200.8
Beryllium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Bismuth	< 0.2	0.2	µg/L	06-Jul-20	EPA200.8
Boron	42.4	0.9	µg/L	06-Jul-20	EPA200.8
Cadmium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Cesium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Chromium	0.4	0.1	µg/L	06-Jul-20	EPA200.8
Cobalt	0.3	0.1	µg/L	06-Jul-20	EPA200.8
Copper	1.0	0.2	µg/L	06-Jul-20	EPA200.8
Iron	1000	5	µg/L	06-Jul-20	EPA200.8

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Taiga Sample ID: **001**

Lead	0.2	0.1	µg/L	06-Jul-20	EPA200.8
Lithium	7.8	0.2	µg/L	06-Jul-20	EPA200.8
Manganese	149	0.1	µg/L	06-Jul-20	EPA200.8
Mercury	< 0.01	0.01	µg/L	06-Jul-20	EPA200.8
Molybdenum	0.8	0.1	µg/L	06-Jul-20	EPA200.8
Nickel	1.3	0.1	µg/L	06-Jul-20	EPA200.8
Rubidium	1.9	0.1	µg/L	06-Jul-20	EPA200.8
Selenium	< 0.5	0.5	µg/L	06-Jul-20	EPA200.8
Silver	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Strontium	497	0.1	µg/L	06-Jul-20	EPA200.8
Thallium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Tin	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Titanium	7.8	0.1	µg/L	06-Jul-20	EPA200.8
Uranium	6.5	0.1	µg/L	06-Jul-20	EPA200.8
Vanadium	0.8	0.1	µg/L	06-Jul-20	EPA200.8
Zinc	< 5.0	5	µg/L	06-Jul-20	EPA200.8

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Taiga Batch No.:
 200349

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP R7**

Taiga Sample ID: **002**

Client Project: W2014L3-0002

Sample Type: Water

Received Date: 30-Jun-20

Sampling Date: 29-Jun-20

Sampling Time: 14:00

Location: Rae Landfill

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	0.048	0.005	mg/L	06-Jul-20	SM4500-NH3:G	
Biochemical Oxygen Demand	18	2	mg/L	30-Jun-20	SM5210:B	
CBOD	15	2	mg/L	30-Jun-20	SM5210:B	
Chemical Oxygen Demand	119	5	mg/L	02-Jul-20	SM5220:D	
Nitrogen, Total	1.56	0.06	mg/L	30-Jun-20	ISO/TR 11905:1997(E)	
Organic Carbon, Total	26.7	0.5	mg/L	30-Jun-20	SM5310:B	
Phosphorous, Total	0.211	0.002	mg/L	02-Jul-20	SM4500-P:D	
<u>Inorganics - Physicals</u>						
Conductivity, Specific (@25C)	731	0.4	µS/cm	30-Jun-20	SM2510:B	
pH	7.59		pH units	30-Jun-20	SM4500-H:B	
Solids, Total Suspended	238	3	mg/L	02-Jul-20	SM2540:D	
<u>Microbiology</u>						
Coliforms, Fecal	< 1	1	CFU/100mL	30-Jun-20	SM9222:D	
<u>Organics</u>						
Hexane Extractable Material	< 2.0	2.0	mg/L	02-Jul-20	EPA1664A	
<u>Subcontracted Inorganics</u>						

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Client Sample ID: SNP R7

Taiga Sample ID: 002

Calcium	47.9	0.05	mg/L	02-Jul-20	EPA200.2
Magnesium	24.2	0.005	mg/L	02-Jul-20	EPA200.2
Potassium	4.20	0.05	mg/L	02-Jul-20	EPA200.2
Sodium	63.8	0.05	mg/L	02-Jul-20	EPA200.2
<u>Subcontracted Organics</u>					
Benzene	< 0.00050	0.0005	mg/L	14-Jul-20	EPA 5021
Ethylbenzene	< 0.00050	0.0005	mg/L	14-Jul-20	EPA 5021
Phenols, Total	< 0.0010	0.001	mg/L	04-Jul-20	AB ENV.06537
Toluene	< 0.00045	0.00045	mg/L	14-Jul-20	EPA 5021
Xylenes	< 0.00075	0.00075	mg/L	14-Jul-20	EPA 5021
<u>Trace Metals, Total</u>					
Aluminum	877	5	µg/L	06-Jul-20	EPA200.8
Antimony	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Arsenic	3.2	0.2	µg/L	06-Jul-20	EPA200.8
Barium	69.3	0.1	µg/L	06-Jul-20	EPA200.8
Beryllium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Bismuth	< 0.2	0.2	µg/L	06-Jul-20	EPA200.8
Boron	52.9	0.9	µg/L	06-Jul-20	EPA200.8
Cadmium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Cesium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Chromium	1.5	0.1	µg/L	06-Jul-20	EPA200.8
Cobalt	0.6	0.1	µg/L	06-Jul-20	EPA200.8
Copper	1.4	0.2	µg/L	06-Jul-20	EPA200.8
Iron	3320	5	µg/L	06-Jul-20	EPA200.8
Lead	0.5	0.1	µg/L	06-Jul-20	EPA200.8

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Client Sample ID: SNP R7

Taiga Sample ID: 002

Lithium	9.8	0.2	µg/L	06-Jul-20	EPA200.8
Manganese	424	0.1	µg/L	06-Jul-20	EPA200.8
Mercury	< 0.01	0.01	µg/L	06-Jul-20	EPA200.8
Molybdenum	0.2	0.1	µg/L	06-Jul-20	EPA200.8
Nickel	2.3	0.1	µg/L	06-Jul-20	EPA200.8
Rubidium	2.8	0.1	µg/L	06-Jul-20	EPA200.8
Selenium	< 0.5	0.5	µg/L	06-Jul-20	EPA200.8
Silver	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Strontium	462	0.1	µg/L	06-Jul-20	EPA200.8
Thallium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Tin	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Titanium	29.4	0.1	µg/L	06-Jul-20	EPA200.8
Uranium	0.3	0.1	µg/L	06-Jul-20	EPA200.8
Vanadium	2.1	0.1	µg/L	06-Jul-20	EPA200.8
Zinc	5.5	5	µg/L	06-Jul-20	EPA200.8

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Taiga Batch No.:
200349

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP R8**

Taiga Sample ID: **003**

Client Project: W2014L3-0002

Sample Type: Water

Received Date: 30-Jun-20

Sampling Date: 29-Jun-20

Sampling Time: 14:00

Location: Rae Landfill

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	0.068	0.005	mg/L	06-Jul-20	SM4500-NH3:G	
Biochemical Oxygen Demand	6	2	mg/L	30-Jun-20	SM5210:B	
CBOD	4	2	mg/L	30-Jun-20	SM5210:B	
Chemical Oxygen Demand	125	5	mg/L	02-Jul-20	SM5220:D	
Nitrogen, Total	2.56	0.06	mg/L	30-Jun-20	ISO/TR 11905:1997(E)	
Organic Carbon, Total	53.8	0.5	mg/L	30-Jun-20	SM5310:B	
Phosphorous, Total	0.176	0.002	mg/L	02-Jul-20	SM4500-P:D	
<u>Inorganics - Physicals</u>						
Conductivity, Specific (@25C)	470	0.4	µS/cm	30-Jun-20	SM2510:B	
pH	8.06		pH units	30-Jun-20	SM4500-H:B	
Solids, Total Suspended	< 3	3	mg/L	02-Jul-20	SM2540:D	
<u>Microbiology</u>						
Coliforms, Fecal	15	1	CFU/100mL	30-Jun-20	SM9222:D	20
<u>Organics</u>						
Hexane Extractable Material	< 2.0	2.0	mg/L	02-Jul-20	EPA1664A	
<u>Subcontracted Inorganics</u>						

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Client Sample ID: **SNP R8**

Taiga Sample ID: **003**

Calcium	34.7	0.05	mg/L	02-Jul-20	EPA200.2
Magnesium	28.5	0.005	mg/L	02-Jul-20	EPA200.2
Potassium	4.72	0.05	mg/L	02-Jul-20	EPA200.2
Sodium	24.9	0.05	mg/L	02-Jul-20	EPA200.2
<u>Subcontracted Organics</u>					
Benzene	< 0.00050	0.0005	mg/L	14-Jul-20	EPA 5021
Ethylbenzene	< 0.00050	0.0005	mg/L	14-Jul-20	EPA 5021
Phenols, Total	< 0.0010	0.001	mg/L	04-Jul-20	AB ENV.06537
Toluene	< 0.00045	0.00045	mg/L	14-Jul-20	EPA 5021
Xylenes	< 0.00075	0.00075	mg/L	14-Jul-20	EPA 5021
<u>Trace Metals, Total</u>					
Aluminum	483	5	µg/L	06-Jul-20	EPA200.8
Antimony	0.2	0.1	µg/L	06-Jul-20	EPA200.8
Arsenic	7.3	0.2	µg/L	06-Jul-20	EPA200.8
Barium	41.5	0.1	µg/L	06-Jul-20	EPA200.8
Beryllium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Bismuth	< 0.2	0.2	µg/L	06-Jul-20	EPA200.8
Boron	86.6	0.9	µg/L	06-Jul-20	EPA200.8
Cadmium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Cesium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Chromium	1.0	0.1	µg/L	06-Jul-20	EPA200.8
Cobalt	0.7	0.1	µg/L	06-Jul-20	EPA200.8
Copper	1.2	0.2	µg/L	06-Jul-20	EPA200.8
Iron	2210	5	µg/L	06-Jul-20	EPA200.8
Lead	0.3	0.1	µg/L	06-Jul-20	EPA200.8

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Client Sample ID: **SNP R8**

Taiga Sample ID: **003**

Lithium	10.3	0.2	µg/L	06-Jul-20	EPA200.8
Manganese	136	0.1	µg/L	06-Jul-20	EPA200.8
Mercury	< 0.01	0.01	µg/L	06-Jul-20	EPA200.8
Molybdenum	0.9	0.1	µg/L	06-Jul-20	EPA200.8
Nickel	3.2	0.1	µg/L	06-Jul-20	EPA200.8
Rubidium	1.7	0.1	µg/L	06-Jul-20	EPA200.8
Selenium	< 0.5	0.5	µg/L	06-Jul-20	EPA200.8
Silver	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Strontium	158	0.1	µg/L	06-Jul-20	EPA200.8
Thallium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Tin	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Titanium	18.2	0.1	µg/L	06-Jul-20	EPA200.8
Uranium	5.1	0.1	µg/L	06-Jul-20	EPA200.8
Vanadium	1.7	0.1	µg/L	06-Jul-20	EPA200.8
Zinc	< 5.0	5	µg/L	06-Jul-20	EPA200.8

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Taiga Batch No.:
200349

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP R9**

Taiga Sample ID: **004**

Client Project: W2014L3-0002

Sample Type: Water

Received Date: 30-Jun-20

Sampling Date: 29-Jun-20

Sampling Time: 14:00

Location: Rae Landfill

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	0.019	0.005	mg/L	06-Jul-20	SM4500-NH3:G	
Biochemical Oxygen Demand	3	2	mg/L	30-Jun-20	SM5210:B	
CBOD	2	2	mg/L	30-Jun-20	SM5210:B	
Chemical Oxygen Demand	86	5	mg/L	02-Jul-20	SM5220:D	
Nitrogen, Total	1.28	0.06	mg/L	30-Jun-20	ISO/TR 11905:1997(E)	
Organic Carbon, Total	36.6	0.5	mg/L	30-Jun-20	SM5310:B	
Phosphorous, Total	0.059	0.002	mg/L	02-Jul-20	SM4500-P:D	
<u>Inorganics - Physicals</u>						
Conductivity, Specific (@25C)	253	0.4	µS/cm	30-Jun-20	SM2510:B	
pH	7.80		pH units	30-Jun-20	SM4500-H:B	
Solids, Total Suspended	10	3	mg/L	02-Jul-20	SM2540:D	
<u>Microbiology</u>						
Coliforms, Fecal	2	1	CFU/100mL	30-Jun-20	SM9222:D	
<u>Organics</u>						
Hexane Extractable Material	< 2.0	2.0	mg/L	02-Jul-20	EPA1664A	
<u>Subcontracted Inorganics</u>						

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Client Sample ID: SNP R9

Taiga Sample ID: 004

Calcium	20.8	0.05	mg/L	02-Jul-20	EPA200.2
Magnesium	16.6	0.005	mg/L	02-Jul-20	EPA200.2
Potassium	3.58	0.05	mg/L	02-Jul-20	EPA200.2
Sodium	10.4	0.05	mg/L	02-Jul-20	EPA200.2
<u>Subcontracted Organics</u>					
Benzene	< 0.00050	0.0005	mg/L	14-Jul-20	EPA 5021
Ethylbenzene	< 0.00050	0.0005	mg/L	14-Jul-20	EPA 5021
Phenols, Total	< 0.0010	0.001	mg/L	04-Jul-20	AB ENV.06537
Toluene	< 0.00045	0.00045	mg/L	14-Jul-20	EPA 5021
Xylenes	< 0.00075	0.00075	mg/L	14-Jul-20	EPA 5021
<u>Trace Metals, Total</u>					
Aluminum	145	5	µg/L	06-Jul-20	EPA200.8
Antimony	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Arsenic	2.5	0.2	µg/L	06-Jul-20	EPA200.8
Barium	24.9	0.1	µg/L	06-Jul-20	EPA200.8
Beryllium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Bismuth	< 0.2	0.2	µg/L	06-Jul-20	EPA200.8
Boron	13.3	0.9	µg/L	06-Jul-20	EPA200.8
Cadmium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Cesium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Chromium	0.4	0.1	µg/L	06-Jul-20	EPA200.8
Cobalt	0.5	0.1	µg/L	06-Jul-20	EPA200.8
Copper	0.5	0.2	µg/L	06-Jul-20	EPA200.8
Iron	1220	5	µg/L	06-Jul-20	EPA200.8
Lead	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8

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Taiga Sample ID: 004

Lithium	9.9	0.2	µg/L	06-Jul-20	EPA200.8
Manganese	410	0.1	µg/L	06-Jul-20	EPA200.8
Mercury	< 0.01	0.01	µg/L	06-Jul-20	EPA200.8
Molybdenum	0.2	0.1	µg/L	06-Jul-20	EPA200.8
Nickel	1.5	0.1	µg/L	06-Jul-20	EPA200.8
Rubidium	0.9	0.1	µg/L	06-Jul-20	EPA200.8
Selenium	< 0.5	0.5	µg/L	06-Jul-20	EPA200.8
Silver	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Strontium	91.5	0.1	µg/L	06-Jul-20	EPA200.8
Thallium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Tin	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Titanium	5.9	0.1	µg/L	06-Jul-20	EPA200.8
Uranium	0.2	0.1	µg/L	06-Jul-20	EPA200.8
Vanadium	0.5	0.1	µg/L	06-Jul-20	EPA200.8
Zinc	< 5.0	5	µg/L	06-Jul-20	EPA200.8

ReportDate: Thursday, July 16, 2020

Print Date: *Thursday, July 16, 2020*



Taiga Environmental Laboratory

4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9

Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:
200349

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP R10**

Taiga Sample ID: **005**

Client Project: W2014L3-0002

Sample Type: Water

Received Date: 30-Jun-20

Sampling Date: 29-Jun-20

Sampling Time: 14:00

Location: Rae Landfill

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	0.013	0.005	mg/L	06-Jul-20	SM4500-NH3:G	
Biochemical Oxygen Demand	2	2	mg/L	30-Jun-20	SM5210:B	
CBOD	< 2	2	mg/L	30-Jun-20	SM5210:B	
Chemical Oxygen Demand	69	5	mg/L	02-Jul-20	SM5220:D	
Nitrogen, Total	1.42	0.06	mg/L	30-Jun-20	ISO/TR 11905:1997(E)	
Organic Carbon, Total	29.8	0.5	mg/L	30-Jun-20	SM5310:B	
Phosphorous, Total	0.032	0.002	mg/L	02-Jul-20	SM4500-P:D	
<u>Inorganics - Physicals</u>						
Conductivity, Specific (@25C)	597	0.4	µS/cm	30-Jun-20	SM2510:B	
pH	7.90		pH units	30-Jun-20	SM4500-H:B	
Solids, Total Suspended	< 3	3	mg/L	02-Jul-20	SM2540:D	
<u>Microbiology</u>						
Coliforms, Fecal	6	1	CFU/100mL	30-Jun-20	SM9222:D	20
<u>Organics</u>						
Hexane Extractable Material	< 2.0	2.0	mg/L	02-Jul-20	EPA1664A	
<u>Subcontracted Inorganics</u>						

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Taiga Sample ID: 005

Calcium	36.1	0.05	mg/L	02-Jul-20	EPA200.2
Magnesium	27.0	0.005	mg/L	02-Jul-20	EPA200.2
Potassium	8.46	0.05	mg/L	02-Jul-20	EPA200.2
Sodium	42.3	0.05	mg/L	02-Jul-20	EPA200.2
<u>Subcontracted Organics</u>					
Benzene	< 0.00050	0.0005	mg/L	14-Jul-20	EPA 5021
Ethylbenzene	< 0.00050	0.0005	mg/L	14-Jul-20	EPA 5021
Phenols, Total	< 0.0010	0.001	mg/L	04-Jul-20	AB ENV.06537
Toluene	< 0.00045	0.00045	mg/L	14-Jul-20	EPA 5021
Xylenes	< 0.00075	0.00075	mg/L	14-Jul-20	EPA 5021
<u>Trace Metals, Total</u>					
Aluminum	24.1	5	µg/L	06-Jul-20	EPA200.8
Antimony	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Arsenic	2.0	0.2	µg/L	06-Jul-20	EPA200.8
Barium	33.7	0.1	µg/L	06-Jul-20	EPA200.8
Beryllium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Bismuth	< 0.2	0.2	µg/L	06-Jul-20	EPA200.8
Boron	235	0.9	µg/L	06-Jul-20	EPA200.8
Cadmium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Cesium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Chromium	0.2	0.1	µg/L	06-Jul-20	EPA200.8
Cobalt	0.1	0.1	µg/L	06-Jul-20	EPA200.8
Copper	0.2	0.2	µg/L	06-Jul-20	EPA200.8
Iron	120	5	µg/L	06-Jul-20	EPA200.8
Lead	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8

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Taiga Sample ID: **005**

Lithium	7.2	0.2	µg/L	06-Jul-20	EPA200.8
Manganese	67.2	0.1	µg/L	06-Jul-20	EPA200.8
Mercury	< 0.01	0.01	µg/L	06-Jul-20	EPA200.8
Molybdenum	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Nickel	2.3	0.1	µg/L	06-Jul-20	EPA200.8
Rubidium	1.1	0.1	µg/L	06-Jul-20	EPA200.8
Selenium	< 0.5	0.5	µg/L	06-Jul-20	EPA200.8
Silver	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Strontium	147	0.1	µg/L	06-Jul-20	EPA200.8
Thallium	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Tin	< 0.1	0.1	µg/L	06-Jul-20	EPA200.8
Titanium	0.8	0.1	µg/L	06-Jul-20	EPA200.8
Uranium	0.5	0.1	µg/L	06-Jul-20	EPA200.8
Vanadium	0.3	0.1	µg/L	06-Jul-20	EPA200.8
Zinc	< 5.0	5	µg/L	06-Jul-20	EPA200.8

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP R10**

Taiga Sample ID: **005**

- DATA QUALIFIERS -

Data Qualifier Descriptions:

20 *Possible matrix interference, reported result uncertain.*

*** 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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