

Taiga Environmental Laboratory
4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718



- CERTIFICATE OF ANALYSIS -

Client Sample ID: IQA-3 Sewage effluent

Taiga Sample ID: 234427

Client Project:

Sample Type: sewage

Received Date: 23-Oct-03

Sampling Date: 22-Oct-03

Location: Iqaluit

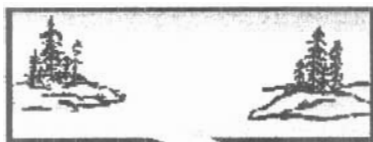
Report Status: FINAL

Approved By

Helene Harper

Client Services Officer

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
Physicals						
Conductivity, Specific (25 C)	686	0.3	µS/cm	31-Oct-03	SM2510:B	
pH	7.17	0.05	pH units	31-Oct-03	SM4500-H:B	
Solids, Total Suspended	66	3	mg/L	29-Oct-03	SM2540:D	
Nutrients						
Ammonia as N	29.9	0.005	mg/L	04-Nov-03	SM4500-NH3:G	
Biological Oxygen Demand	39	2	mg/L	29-Oct-03	SM5210:B	
Nitrate+Nitrite as N	< 0.008	0.008	mg/L	28-Oct-03	SM4500-NO3:F	
Major Ions						
Calcium	25.6	0.02	mg/L	30-Oct-03		
Chloride	40.5	0.2	mg/L	27-Oct-03	SM4500-Cl:E	
Magnesium	4.58	0.02	mg/L	30-Oct-03		
Potassium	11.4	0.007	mg/L	30-Oct-03		
Sodium	41.3	0.02	mg/L	30-Oct-03		



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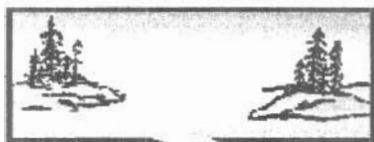
Sulphate	25	3	mg/L	29-Oct-03	SM4500-SO4:F
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Microbiology

Coliforms, Fecal	1350000	10000	CFU/100mL	22-Oct-03	SM9222:D
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Metals, Dissolved

Aluminum	105	0.2	µg/L	28-Oct-03	EPA200.8
Antimony	1.02	0.008	µg/L	28-Oct-03	EPA200.8
Barium	2.22	0.02	µg/L	28-Oct-03	EPA200.8
Beryllium	< 0.02	0.02	µg/L	28-Oct-03	EPA200.8
Cadmium	0.08	0.02	µg/L	28-Oct-03	EPA200.8
Cesium	0.031	0.008	µg/L	28-Oct-03	EPA200.8
Chromium	1.2	0.1	µg/L	28-Oct-03	EPA200.8
Cobalt	0.416	0.008	µg/L	28-Oct-03	EPA200.8
Copper	30.4	0.08	µg/L	28-Oct-03	EPA200.8
Iron	476	50	µg/L	19-Feb-04	SM3111:B
Lead	1.24	0.02	µg/L	28-Oct-03	EPA200.8
Lithium	2.3	0.2	µg/L	28-Oct-03	EPA200.8
Manganese	1.3	0.02	µg/L	28-Oct-03	EPA200.8
Molybdenum	0	0.02	µg/L	28-Oct-03	EPA200.8
Nickel	1	0.01	µg/L	28-Oct-03	EPA200.8
Rubidium	9.1	0.01	µg/L	28-Oct-03	EPA200.8
Selenium	0.3	0.3	µg/L	28-Oct-03	EPA200.8



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Silver	0.800	0.006	µg/L	28-Oct-03	EPA200.8
Strontium	42.4	0.02	µg/L	28-Oct-03	EPA200.8
Thallium	< 0.1	0.1	µg/L	28-Oct-03	EPA200.8
Titanium	3.42	0.02	µg/L	28-Oct-03	EPA200.8
Uranium	0.104	0.008	µg/L	28-Oct-03	EPA200.8
Vanadium	0.32	0.03	µg/L	28-Oct-03	EPA200.8
Zinc	37.9	0.4	µg/L	28-Oct-03	EPA200.8

Metals, Total

Arsenic	< 1	1	µg/L	13-Nov-03	SM3113:B
Mercury	0.02	0.02	µg/L	17-Nov-03	EPA200.8

Subcontracted Organics

Phenols	83.0	0.5	µg/L	28-Oct-03	SM5530:C
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* 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