

## Environmental Services Analysis Report - Final

**Invoice Number:** 3513184  
**Sample Location:** Town Shop  
**Collected by:** Kelley Caron  
**Station #:** SK05GE0001

**Permit:** 2052  
**BLAINE LAKE DIST.SYSTEM**

**Collected Date:** 02-Sep-2025 8:45 AM  
**Received:** 03-Sep-2025 2:10 PM  
**Reported:** 04-Sep-2025 10:31 AM  
**Water Source:** Distributed

**Submitted By:**

BLAINE LAKE TOWN OF  
 BOX 10  
 BLAINE LAKE, SK  
 S0J 0J0

**Invoice:**

BLAINE LAKE TOWN OF  
 BOX 10  
 BLAINE LAKE, SK  
 S0J 0J0

Analysis	Result	Unit	Sask Guideline	Test Comment	Fee
Regular Panel					23.00
Total Coliform	No Detectable	orgs/100 mL	No orgs/100 mL	1	
E. Coli	No Detectable	orgs/100 mL	No orgs/100 mL	2	

**Submitter Phone Number:** 306-497-2540

**Emailed results to:** blainelake@sasktel.net

**Comments:**

1. Testing result indicates that your water meets the Bacteriological standard for Canadian drinking water quality.

2. See above for comment

pH: 8.04

Please include  
 Invoice Number  
 with payment  
 and remit to:

**Saskatchewan Health Authority**  
**c/o Accounts Receivable**  
**2180 23rd Avenue**  
**Regina, Saskatchewan**  
**S4S 0A5**

23.00

**Tax Summary**

G.S.T. (reg # 89583 0180 RT001)

1.10

Amount Received: (No Payment Received)

0.00

Balance Due upon receipt of invoice.

<b>Balance Owed</b>
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<b>\$23.00</b>
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**Contact Us:**

**Result Interpretation:** Please contact your EPO for advice or phone 1-866-727-5420

**Billing Inquiries:** Phone: 1-833-989-5353, Email: SHAAR@saskhealthauthority.ca

The following data was provided by the submitter. The Environmental Services Lab does not guarantee the accuracy of the results.

Free Chlorine: 0.50

Total Chlorine: 0.54

Turbidity: 0.09

## RRPL TESTING METHODS AND SASKATCHEWAN WATER STANDARDS INFORMATION

### Roy Romanow Provincial Laboratory (RRPL) Methodology

Method	Description/Parameter	Method	Description/Parameter
ES-6	Titration + Electrode / pH & Alkalinity	ES-41	Calculation / Total Kjeldahl Nitrogen
ES-7	Biochemical Oxygen Demand / 5-Day BOD, 5 day CBOD	ES-44	Gas Diffusion + Conductimetric Detection / Ammonia
ES-8	Closed Reflux Colorimeter / Chemical Oxygen Demand	ES-45	Abraxis Kit (ELISA) / Microcystin
ES-9	Conductivity Meter / Conductivity	ES-47	Automated Spectrophotometric / Nitrate
ES-13	Calculation / Total Dissolved Solids	ES-50	E-PERM Electret Ion Chamber / Radon in Indoor Air
ES-14	Gravimetric / Suspended Solids (total, fixed and volatile)	ES-51	Enzyme Detection (Pseudalert) / Pseudomonas
ES-16	Nephelometer / Turbidity	ES-52	Quanti-Tray / Heterotrophic Plate Count
ES-22	Spectrophotometer / Chlorophyll a	ES-53	ICP-MS / Metals
ES-23	Ion-Selective Electrode / Fluoride	ES-55	GC/MS Headspace / VOCs
ES-25 & 59	ICP-AES / Metals and Calculation / Hardness	ES-58	Ion Chromatography / Anions (Cl, F, NO <sub>3</sub> and SO <sub>4</sub> )
ES-27	Automated Ascorbic Acid Reduction / Total Phosphorus	ES-60	Enzyme Detection (Legiolert) / Legionella
ES-32	Combustion-IR / Dissolved Organic Carbon -CL / Total Nitrogen	ES-61	Easydisc PCA / Heterotrophic Plate Count
ES-34	Automated Ascorbic Acid Reduction / Ortho Phosphorus	ES-62	Thermal Decomposition with AA / Mercury in Water
ES-37	Colilert-QuantiTray / Total Coliforms & E.coli	ES-63	Thermal Decomposition with AA / Mercury in Fish
ES-38	Membrane Filtration - DC Agar / Total Coliforms & E.coli	ES-64	Enterolert / Fecal Streptococci

**Notes:** Testing results of these parameters are time sensitive. The results may change if a sample does not arrive at the lab within the sample holding time. For the most accurate results, it is recommended that samples be submitted to the lab immediately after collection. Additional information such as date and time of analysis, method calculated uncertainty, equipment maintenance records etc. are available upon request.

**The Roy Romanow Provincial Laboratory guarantees the quality and correctness of the analyses performed on the sample as received and relates only to the tested sample.**

Results authorized by: Dr. Phillip Bailey (Environmental Chemist, Water Quality Section)

Detailed information on Saskatchewan's Drinking Water Quality Standards and Objectives may be found at <https://publications.saskatchewan.ca/#/products/112863>

### Summary of Saskatchewan Drinking Water Standards and Objectives

#### Bacteriological Standards

Parameter	Maximum Acceptable Concentration (MAC)
Total Coliform	No organisms detectable / 100 mL
E. coli	No organisms detectable / 100 mL

#### Chemical Parameters and Physical Properties (1 mg/L = 1,000 µg/L)

Parameter	Maximum Acceptable Concentration (MAC)	Parameter	Aesthetic Objective (AO)
Arsenic	0.01 mg/L	Alkalinity	500 mg/L
Barium	1 mg/L	Chloride	250 mg/L
Boron	5 mg/L Interim MAC	Copper	1 mg/L
Cadmium	0.005 mg/L	Hardness	800 mg/L (as Calcium Carbonate)
Chromium	0.05 mg/L	Iron	0.3 mg/L
Fluoride	1.5 mg/L	Magnesium	200 mg/L
Lead	0.01 mg/L	Manganese	0.05 mg/L
Mercury	1 µg/L	pH	7.0 – 10.5
Nitrate	45 mg/L	Sodium	300 mg/L
Selenium	0.01 mg/L	Sulphate	500 mg/L
THM	100 µg/L (Average of 4 seasonal samples)	TDS	1,500 mg/L
Turbidity	1.0 NTU	Zinc	5 mg/L
Uranium	0.02 mg/L		

For further water information in Saskatchewan please refer to <https://www.saskatchewan.ca> and search for Water Quality Information.