

Environmental Analytical Laboratories

Water Quality Testing

SRC Environmental Analytical Laboratories perform a wide range of testing of both ground water and surface water to determine if it meets objectives for drinking water, household, livestock or agricultural use.

Various analytical packages along with individual parameters are available to address the water quality objectives for these uses.

The **Water Potability Package** is used to determine if well water meets the basic requirements specified in Saskatchewan for potability. The parameters tested are **nitrates** and total **coliform** bacteria. Results are available within two business days.

The **Water Quality Package** is used to determine the general water quality and includes a complete mineral analysis along with nitrates, iron and manganese.

All municipalities are required to have their drinking water tested according to the schedule outlined in their water treatment plant operating permit. The requirements include **coliform bacteria**, **general chemical**, and **chemical health and toxicity**. SRC Environmental Analytical Laboratories provides this testing and results are sent electronically to Saskatchewan Environment. The **General Chemical Package** includes a complete mineral analysis along with nitrates, fluoride and turbidity. The **Chemical Health and Toxicity Package** contains the group of heavy metals regulated under the *Saskatchewan Municipal Drinking Water Guidelines*.

The **Livestock Package** includes tests for salinity (total dissolved solids) and sulphate. These tests determine the suitability of the water for livestock watering. Results are available in two business days.

Other parameters set out in the *Saskatchewan and Canadian Water Quality Guidelines* can be analyzed, including **herbicides**, **pesticides** and **radiological**.

Wastewater, sewage lagoons and process water can also be tested for a wide range of parameters.

Sampling instructions, containers, preservatives and other supplies including ice packs and coolers will be supplied at no charge.

Contact the lab for further information.

- Drinking water
- Wastewater
- Process water
- Livestock
- Household
- Microbiological
- Chemical & physical parameters
- Trace metals
- Herbicides & pesticides
- Radiological parameters
- Trihalomethane and haloacetic acids



CALA
Testing
Accreditation No. A 2472

CONTACT

Environmental Analytical Laboratories
Saskatchewan Research Council
143-111 Research Drive
Saskatoon, SK, Canada, S7N 3R2
T: 306-933-6932
T: 1-800-240-8808 (Toll Free)
F: 306-933-7922
E: analytical@src.sk.ca

www.src.sk.ca