

From: Sandra Younie <s.younie@saskwatersheds.ca>
Sent: June 14, 2024 3:10 PM
To: rm79@sasktel.net
Subject: Rural Well Testing Project



Hello, I hope this email finds you well.

My name is Sandra Younie, and I'm working with the Saskatchewan Association of Watersheds. SAW is currently doing a project with the University of Saskatchewan, McMaster University, Roy Romanov Provincial Lab and the Water Security Agency to do some free rural well testing in select RMs including the RM of Arlington No. 79.

We will be taking two samples of untreated well water to send to the Roy Romanov Provincial Lab to test General Chemistry and Toxicity, and *E.coli*. In addition to the free samples, the University of Saskatchewan does a survey with the participants. The goal of the survey is to learn about the experiences people have managing their water and provide feedback on the types of supports they would find useful. The cost of the testing (about a \$250 value) is covered as a part of this project, so it could be a great opportunity for people to have their water tested. The study focuses on household use wells, but we want to help people out wherever possible, so if someone has a livestock well they're interested in testing we're offering to take samples and drop them off here in Swift Current for the free testing that the Ministry of Agriculture does.

Just to give an overview of what the tests specifically look at:

General Chemistry - bicarbonate, iron, sulfate, calcium, magnesium, carbonate, nitrate, chloride, potassium, sodium, fluoride, pH value, total alkalinity, total hardness, total dissolved solids, and conductivity.

Health & Toxicity - aluminum, lead, uranium, arsenic, selenium, iron*, manganese, boron, barium, zinc, chromium, copper, and cadmium.

Bacteriological - Testing for total coliforms & *E. coli*.

**as general chemistry and health & toxicity are two different tests iron is included in both.*

If you'd like to share the word about the project, we would greatly appreciate it! Let me know if I can answer any questions or give more specific details on the project. We would also like to send a promotional poster, but currently it does not include our expanded RMs so we're waiting on approval from the University of Saskatchewan for the new poster. My phone number and email address are listed below, so feel free to pass it along to anyone that is interested in participating!

Thank you for taking the time to look at the project! I hope you have a good weekend,

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