



NRC LABS

Neilson Research Corporation

245 South Grape St.
Medford, OR 97501
www.nrclabs.com

RUSH STATUS

____ Standard 5 Business Days
____ 3 Business Days (75% Surcharge)
____ 2 Business Days (100% Surcharge)

CLIENT CONTACT INFORMATION

Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____
Email: (All reports will be emailed)

Bacteria Bottle #: _____
Additional Bottle #: _____
Additional Bottle #: _____
NRC Number: _____
Date Received: ____ / ____ / ____
Time Received: ____: ____
Received by: _____ IR Therm ID: _____
Temperature: ____ °C On Ice: ☐ Yes ☐ No

SAMPLE SITE ADDRESS

☐ Same as above

Name: _____
Physical Address: _____
City: _____ State: _____ Zip Code: _____

Payment: \$ _____

☐ Cash ☐ Credit Card ☐ Check# ☐ Invoice

	<i>Collection Date</i>	<i>Collection Time</i>	<i>Matrix</i>	<i>Source (Well, Spring, Creek)</i>	<i>Treatment (UV Light, Chlorinator, Water Softener)</i>	<i>Collected By</i>	<i>Faucet Location (Kitchen, Well, Bath)</i>
Bacteria Bottle							
Additional Bottle (Only use if different Collection Time or Location)							

TESTING REQUESTED

- | | |
|---|--|
| ☐ Coliform Bacteria (Present/Absent) | ☐ Bacteria QT (Number Result) |
| ☐ Real Estate Package (Coliform Bacteria, Arsenic & Nitrate) | ☐ Lead and Nitrite |
| ☐ Top 35 Package | ☐ Arsenic Only |
| ☐ Other _____ | ☐ Nitrate Only |

Microbiological Analysis – Coliform Bacteria

Sampling Instructions & Test Information

Proper sample collection is essential for accurate results. Use only the sterile sample bottle provided by **NRC Labs**. Do not use the bottle if it is open or damaged, or if the sterile neck seal is broken or missing.

DO NOT RINSE THE BOTTLE. It contains a small amount of preservative that must remain in the container.

Sample Collection

1. **Select a tap** that is frequently used. Avoid the kitchen sink faucet if possible. Remove aerators, hose attachments, filters, or other purification devices.
2. **Flush the line** at full flow for **3–5 minutes**.
3. Reduce the flow to a **pencil-sized stream** and run for another **1–2 minutes**.
4. Locate the **100 mL and 120 mL fill lines**. Do not remove the cap until you are ready to collect the sample.
5. **Carefully open the bottle**. Do not touch the inside of the bottle, bottle rim, or inside of the cap. Protect the cap from contamination if it must be set down.
6. **Fill between the 100 mL and 120 mL lines. DO NOT UNDERFILL.** A minimum of 100 mL is required. If overfilled, **DO NOT POUR OUT THE EXCESS**. Samples above 120 mL may require a volume adjustment and an additional charge.
7. **Replace the cap securely** and immediately place the sample in a cooler with ice.
8. **Complete the top half of the form** provided with the bottle. Legibly print your name and mailing address in the lower box.

Sample Delivery & Analysis

The sample must be received by NRC Labs **within 24 hours of collection**. Keep the sample cold and transport it in a cooler with ice. Samples that arrive too warm or frozen may be refused.

Standard analysis time is **24 hours**. **Rush analysis (18 hours)** is available for an additional charge. Results will be emailed to the address provided on the report form. Mailed paper copies are available upon request for an additional \$5 fee.

Understanding Your Results

Total Coliform: Bacteria are naturally present in most surface water and shallow groundwater, and many are harmless. However, contamination from human or animal waste may introduce microorganisms that can cause illness.

Laboratories test for **total coliform bacteria** as an indicator of possible contamination. The presence of total coliform may indicate that conditions exist that could allow disease-causing organisms to enter the water. Drinking water should not contain total coliform bacteria. Results are reported as **Total Coliform Present** or **Total Coliform Absent**.

E. coli: The test also differentiates **E. coli**, a fecal coliform commonly found in the intestines of warm-blooded animals, from coliform bacteria from other sources. The presence of **E. coli** indicates fecal contamination and a greater potential for disease-causing organisms to be present. **Drinking water contaminated with E. coli is considered an EXTREME HEALTH HAZARD.**

Treatment

If your water system fails the bacteriological test, we recommend performing a **batch chlorination** of your well and distribution system.

For additional information and chlorination instructions, visit www.nrclabs.com.