



Water Quality Testing for *E. coli* and Total Coliform

Arkansas Water Resources Center Water Quality Lab
Don Tyson Center for Agricultural Sciences / 1371 W. Altheimer Drive / Fayetteville, AR 72704
479-502-9843 / awrcwql@uark.edu



We can accept samples Monday through Thursday, except for holidays. Samples cannot be accepted on Fridays.

For lab use only Lab number: _____
Received by: _____ Date/time: _____

CLIENT INFORMATION:

Name: _____ Address: _____
City: _____ State: _____ Zip: _____ Phone: _____
Email address: _____ Extension agent email (if applicable): _____

SAMPLE INFORMATION:

Sample ID (if more than 1 sample, see bottom of page): _____ County where collected: _____
Source of sample: _____ Treatment of sample (filtered, chlorinated, softened, etc): _____

ANALYSIS INFORMATION:

Please check one of the following for *E. coli* and Total Coliform:

No sample dilutions \$23.00 (\$18.00 + \$5.00 processing)
This is good if you expect low concentrations; producers on the Food Safety Modernization Act program should select this.

1 dilution \$33.00 (\$28.00 + \$5.00 processing)
This is good if you need to measure very high concentrations (>2,419 MPN/100 mL)

WELL OR TAP SAMPLING PROCEDURES:

What you need: sterile container, disinfectant wipes, nitrile gloves or similar
What you do:

1. Wash hands thoroughly.
2. Select a spout (either outside at the well or inside tap).
3. Remove any screens, filters, aerators, or splash guards; put on gloves.
4. Wipe the end of the tap with disinfectant (bleach, ethanol, etc).
5. Run water for 3-5 minutes before sampling; reduce flow rate to avoid splashing. Remove lid making sure to avoid touching the inside of lid or container; fill sample container (do not rinse).
6. Cap container tightly and label appropriately.
7. Deliver sample and this submission form to lab in less than 24 hours, or overnight ship. Samples must be processed within 24 hours of collection.

ENVIRONMENTAL SAMPLING PROCEDURES:

What you need: sterile container, nitrile gloves or similar
What you do:

1. Go to the collection site, face upstream or upcurrent if in a pond (so water movement is coming towards you), and put on gloves.
2. Open the collection bottle and tilt the opening toward the water and dip straight down into water. Tilt upright to fill. Tightly cap the bottle.
3. Deliver sample and this submission form to lab in less than 24 hours, or overnight ship. Samples must be processed within 24 hours of collection.

ADDITIONAL WATER SAMPLES:

List other sample IDs here: _____
