

**Center for the Management, Utilization, and Protection of Water Resources
Environmental Quality Laboratory
Box 5033, Room 426 Prescott Hall, 1020 Stadium Drive
Tennessee Technological University
Cookeville, TN 38505
www.tntech.edu/research/centersandfacilities/wrc/lab/index.php
(931) 372-3538**

Water testing available for homeowners:

Option 1: Basic water chemistry - \$100.00

pH, conductivity, turbidity, total coliform and *e. coli*, minerals (calcium, copper, iron, magnesium, manganese, potassium, sodium, zinc), hardness, IC scan (nitrate, nitrite, chloride, fluoride, sulfate)

Option 2: Lead analysis - \$30.00

Option 3: Bacterial analysis - \$30.00

Total coliform, *E. coli*

Other analyses are available; contact the Water Center Lab for information.

Sample collection instructions:

For bacterial analysis (total coliform, *e. coli*): Special care must be taken when collecting a sample for microbial analysis as this analysis is very sensitive to contamination, such as airborne molds and bacteria. Sterilized containers for sample collection are available upon request. To collect the sample from a faucet, turn on the faucet and let run for about 30 seconds. Keeping your hands out of the water stream, fill the sample container and recap. ***The sample must be transported to the lab on ice as soon as possible after collection, but no longer than 6 hours after collection. Samples to be tested for bacteria will be accepted Monday through Thursday, 8:00 a.m. – 3 p.m. We are closed for lunch from 12-1p.m.***

For lead analysis: Limit the use of water from the tap to be tested overnight and then collect the first catch from the faucet in the morning. Fill a clean glass jar (pint or quart size). Place plastic wrap over the mouth of the jar before sealing with a metal lid.

For all other analyses: Use a clean plastic or glass container to collect the sample. If a metal lid is to be used, place plastic wrap over the mouth of the jar before sealing. A minimum amount of 1 quart or 1 liter is requested. Sample containers are available upon request, but a special container is not essential.

Directions to the Water Center Laboratory, Room 426, Prescott Hall:

From Interstate 40, take Exit 286 and go north on Willow Ave. for approximately 3 miles. At the traffic light at the Willow entrance to TTU's campus, turn right onto University Drive. At the first stop sign is the intersection of University Drive and Stadium Drive. Prescott Hall (1020 Stadium Drive) is to your right. You may park any place near the building. Take elevator at south end of building to 4th floor and PH 426 is on left as you exit elevator.