Tennessee Technological University
Center for the Management, Utilization and Protection of Water Resources Environmental Quality Laboratory
1020 Stadium Dr. · Cookeville, TN 38505 · (931) 372-3538

Water testing available for homeowners:

Option 1: Basic Chemistry Package - $125.00 (bring 2 bottles)
pH, conductivity, turbidity, bacteria (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 - $35.00 (+$10 digestion fee per batch of samples)
Call us before you pursue lead analysis. It is not always necessary and may not be recommended.

Option 3: Bacterial analysis - $40.00 (bring 1 bottle)
Total coliform, *E.coli*

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

Sample collection instructions:

INSTRUCTIONS FOR SAMPLING

For Basic Chemistry Package: Obtain 2 new, unopened bottled waters. The standard size is usually around 16.9oz (500mL). Special care must be taken when collecting samples. The containers are certified by the manufacturer to be sterile, but should not be opened until you are ready to collect the sample.
Turn your faucet on and let it run for about thirty seconds. Open the water bottles, pour out the contents, fill the bottles to the shoulder, leaving a little headspace. Re-cap the bottle. **This sample cannot be sent through the mail or other express delivery.** They MUST be delivered to the lab within 6 hours of collection. **No samples will be accepted on Fridays. Samples received Mon-Wed will have a faster turn-around. Samples received on Thursday may take longer for results.**

For Bacteria Only:
Follow the same steps as above, but we only need 1 bottle.
IMPORTANT: Samples for bacterial analysis must be analyzed within six hours of collection.
Bacterial samples are accepted Monday through Thursday, 8:00am - 3:00pm, in Prescott Hall, Room 426.
No samples will be accepted on Fridays. Contact Phillip Burr with any questions at (931) 372-3538.

Lead analysis: Call us before you pursue lead analysis. It is not always necessary and may not be recommended.

Limit the use of water from the tap to be tested overnight and then collect the first catch from the faucet in the morning filling an empty bottle. Mark the bottle specifically for lead testing. You can simply write "lead" on the bottle.

Directions to the Water Center Laboratory:
1020 Stadium Dr. Cookeville, TN
Prescott Hall, Room 426

A parking spot for our customers is located between Prescott Hall and Brown Hall.
From I-40, take Exit 286 and go **NORTH** on **Willow Avenue** for 2.8 miles. Turn **RIGHT** (at Pizza Hut) onto **7th Street**. Take **second LEFT** (0.2 miles) onto **Stadium Drive**. At the 4-way stop, go **STRAIGHT**. At the next 4-way stop, turn **RIGHT** onto **10th Street**. You will pass Prescott Hall and Brown Hall on the left. Immediately after Brown Hall turn **LEFT**. The parking lot is a one-way drive. Follow the parking lot to the left, to the opposite end of Brown Hall. The spot is on the west wall of Brown Hall. There is a sign designating it for Water Center visitors. Our building is directly across from the parking spot. Prescott Hall, room 426.