



Water Testing

Accurate · Timely · Economical

Eastern Laboratory Services (ELS) offers a comprehensive range of tests to confirm the make-up, quality and safety of water sources including drinking water, waste water and environmental water samples.

Tests are designed to detect and monitor the presence or absence of contamination by total coliform bacteria and fecal coliform bacteria (i.e. E. coli). Tests are conducted on potable (drinking) water, such as well water, and in non-potable treated water, such as swimming pools and waste water. ELS also performs tests to check levels of chlorine in treated well water and in household tap water for bacteriological testing purposes.

Coliform/E. coli testing

Presence/absence

Presence/absence results will be positive or negative for coliform and **E. coli** above EPA safety limits.

Most probable number (MPN)

MPN will provide you with the number of colony forming units (CFUs) of coliform/E. coli bacteria in the sample.

Analytical testing

ELS offers chemicals, metals, inorganics and additional analytical testing.

ELS also has the capabilities to perform:

- Cooling water or glycol samples
- MMO-MUG testing
- Heterotrophic Plate Count (HPC)
- Multiple Tube Fermentation

Certifications

ELS is certified through the Michigan Department of Agriculture and the Environmental Protection Agency (EPA). ELS is an EPA reporting laboratory.

Pricing

For pricing information, contact ELS at 330-670-7920.

How to take a proper water sample:

1. If you have an aerator/screen on the faucet where you are taking the water sample, remove it.
2. Put bleach in a sandwich bag and hold it up at the end of the faucet, forcing a little bleach into the faucet end. This will sanitize the end of the faucet.
3. Allow the **cold** water tap to run for 3-5 minutes.
4. Fill the bottle to the indicator line or slightly above with **cold** water. Do not under fill the bottle and **do not overflow the bottle**. This will cause loss of the preservative inside.
5. Sample must arrive at the lab within 30 hours of sampling.
6. Sample drop off hours:
Monday - Thursday: 8 a.m. - 4 p.m.
Friday: 8 a.m. - 12 p.m.

