

Coliform Sample Training Course Description, Agenda, Timeline

Instructor: Danielle Fisher, EWEB Hayden Bridge

Course Description:

This course will teach the basic concepts of the Total Coliform Rule, MCL's, proper sample collection and chlorine residual field measurement. Actual sample results are presented as a tool for understanding public water system distribution health.

Course Agenda:

- 1) What are coliforms? Discuss source and regulatory requirements for coliform samples. Review EWEB public water system coliform sample results.
- 2) What is HPC? Discuss source, organism type, and water quality implications. View plate photos. Review public water system HPC sample results.
- 3) Review step-by-step procedure for aseptic collection of water samples for microbiological testing.
- 4) Hands-on demonstration of capability of aseptic water sample collection.
- 5) Hands-on demonstration of chlorine residual measurement with a colorimeter.

Course Timeline:

This is a one-hour course scheduled for September 13, 14, 20, and 21 of 2022.