



Coliform Sampling Training

Course Description, Agenda, Timeline

Instructors:

- Brenda Casarez, EWEB Hayden Bridge
- Sarah Svejcar, EWEB Hayden Bridge

Course Description:

This course will teach the basic concepts of the Revised Total Coliform Rule, Oregon Administrative Rules for Disinfectant residual and Microbiology, AWWA BMP's, MCL's, proper sample collection and chlorine residual field measurement. Sample results and data are presented as a tool for understanding public water system distribution health.

Course Agenda:

- 1) What are coliforms?
- 2) Discuss regulatory requirements and best management practices for coliform samples. Review EWEB public water system coliform sample results.
- 3) What is HPC? Discuss source and water quality implications. Review EWEB public water system HPC sample results.
- 4) Review procedure and demonstrate chlorine residual measurement with a colorimeter.
- 5) Trainees perform chlorine residual measurement.
- 6) Review procedure and demonstrate aseptic collection of water samples for coliform analysis.
- 7) Trainees practice collecting coliform samples.

Course Timeline:

This is a one-hour course scheduled for 2026 and 2028.