

Tribal Drinking Water System Trainings

These water operation and maintenance trainings will cover important topics for tribal drinking water system operators. These no-cost trainings include active learning exercises to expand learning opportunities. Join us for:

Water Quality Sampling, Site Sampling Plans and Revised Total Coliform Rule

This training session will cover drinking water treatment history, Safe Drinking Water Act (SDWA) requirements, sampling protocol and primary vs. secondary standards. The sources, health concerns and sampling do's and don'ts for coliform, nitrate/nitrite, IOC, VOC, SOC, radionuclides, lead and copper, asbestos and DBPs will be shared along with information about emerging contaminants. The components of site sampling plans will be covered. Attendees will have hands-on learning opportunities with sampling techniques and how to calculate the 90th percentile.

We will also review and compare the Total Coliform Rule (TCR) and the Revised Total Coliform Rule (RTCR). Attendees will learn about indicator organisms, MCL violations, the criteria for Level 1 & 2 Assessments and RTCR reporting, recordkeeping & public notices. Attendees will have hands-on learning opportunities with Level 1 Assessments.

■ **May 20, 2019 • 8:30am – 4:30pm**

Yakima Health District
1210 Ahtanum Ridge Drive • Union Gap WA

■ **June 4, 2019 • 8:30am – 4:30pm**

Westpark Community Room
610 Esther Street, Suite 202 • Vancouver WA

■ **August 13, 2019 • 8:30am – 4:30pm**

TBD Spokane, WA/ Coeur d'Alene, ID

■ **September 17, 2019 • 8:30am – 4:30pm**

Jefferson County Courthouse, First Floor Conference Room
1820 Jefferson Street • Port Townsend WA

Chemical Feed Pumps and Disinfectant By-Products Rule

This training session will cover the types and pros and cons of chemical feed pumps used in drinking water operations including positive displacement vs peristaltic pumps. Chemical feed pump applications, selection and components will be shared. The ins and outs of calculating dosage will be reviewed. Discussion of positive displacement pump and peristaltic pump calibration, maintenance and troubleshooting will provide attendees what they need to know in field situations. Attendees will have hands-on learning opportunities, calculating dosage and calculating stroke and speed of positive displacement pumps.

We will also cover the need to know information about disinfection. The by-products associated with disinfection will be discussed along with the Disinfectant By-Product Rule (DBPR) requirements including monitoring, Trihalomethanes and haloacetic acids and calculating compliance. How to determine the most effective chlorine application point will be reviewed. Attendees will have hands-on learning opportunities to determine DBPR compliance, calculating LRAA/system average and implementing solutions to MCL violations.

■ **May 21, 2019 • 8:30am – 4:30pm**

Yakima Health District
1210 Ahtanum Ridge Drive • Union Gap WA

■ **June 5, 2019 • 8:30am – 4:30pm**

Westpark Community Room
610 Esther Street, Suite 202 • Vancouver WA

■ **August 14, 2019 • 8:30am – 4:30pm**

TBD Spokane, WA/ Coeur d'Alene, ID

■ **September 18, 2019 • 8:30am – 4:30pm**

Jefferson County Courthouse, Commissioners Chambers, Basement Level
1820 Jefferson Street • Port Townsend WA

All trainings are FREE to attend!

All Washington workshops qualify for 0.6 WA Drinking Water CEUs and all Idaho workshops qualify for 0.6 ID Drinking Water CEUs.



These trainings are supported by EFC Region 10 and the US Environmental Protection Agency