

# **Small Water System Operator Training: Achieve & Maintain Compliance with SDWA**

**Online Virtual Training  
November 30 & December 1, 2021**

## **Meet Your Speakers:**

**David Carlson, AE2S.** David is the Operations Manager of AE2S's Montana offices. David's experience includes drinking water system planning, design, and construction, as well as utility and water treatment plant operations. David works from the AE2S Billings office with numerous water systems throughout Montana including small, large, and regional water systems. David is a registered Professional Engineer in the State of Montana. He earned a B.S. Civil Engineering from the University of North Dakota and is a Montana Certified Operator Class 1A/1B.

**Brian Hogenson, DEQ.** Brian has been with DEQ Public Water Supply Bureau for 9 years. Previously he was a Total Coliform Rule and Lead and Copper Rule Manager. Currently, Brian is the Disinfection Byproducts Rule Manager and the Surface Water Treatment Rule Manager. Before coming to DEQ, he worked in the private sector as a field geologist.

**Steve Shope** is a Technical Assistance Provider for the Midwest Assistance Program (MAP). Steve has a graduate degree in environmental microbiology with an emphasis on public health. Steve has experienced many aspects of public and environmental health including as a laboratory processes designer and manager, a regulatory official, and teaching nationally accredited classes in food borne (water) illness prevention.



**Presented by:**



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December 1, 2021**

**Online Virtual Training**

**CECs: Up to 0.600 Water**



SMALL SYSTEM OPERATOR TRAINING:  
**Achieve & Maintain  
 Compliance with  
 the SDWA**



**November 30 & December 1, 2021    1:00 PM - 4:00 PM each day    Virtual Training - Using GoToTraining/Google Chrome**

**What:** Gain an understanding of source water protection, distribution system infrastructure and related water quality, coliform sample collection and cyanotoxins. Come away with knowledge on managing source water protection, on managing distribution system operations to prevent microbial or chemical contamination, how to properly collect coliform samples, the importance of understanding cyanotoxins, and an understanding of the importance of optimizing treatment plant operations in enhancing distribution system water quality.

**Fee:** None

**Who Should Participate:** The target audiences for this course are operators, decision makers, engineers, and managers of small water and distribution systems in Montana including tribal and non-tribal small community water systems, non-transient non-community water systems, and transient non-community water systems.

**CECs:** Up to 0.600 Water

**Registration:** Must be done online prior to the training using the links below. You may have to copy and paste these links into your web browser. **You must register for each day that you plan to participate.** You should receive a confirmation email with information on how to join the training for each day.

Tuesday, November 30, 2021 - <https://attendee.gototraining.com/r/1140731637248003330>

Wednesday, December 1, 2021 - <https://attendee.gototraining.com/r/5973997835974630146>

For more information contact Barb Coffman at 406-781-2298 or [bcoffman@3rivers.net](mailto:bcoffman@3rivers.net).

**Agenda:**

**Day 1 - Tuesday, November 30, 2021**

- 1:00 PM                    SDWA Workshop Introduction - Barb Coffman, MSAWWA
- 1:10 - 2:40             Regulatory Overview - Brian Hogenson, DEQ
- 2:40 - 2:45             BREAK
- 2:45 - 3:45             Contaminant of Concern: Manganese - Steve Shope, MAP
- 3:45 - 4:00             Review & Wrap-up - Barb Coffman, MSAWWA

**Day 2 - Wednesday, December 1, 2021**

- 1:00 PM                    SDWA Workshop Introduction - Barb Coffman, MSAWWA
- 1:10 - 2:10             Controlling Lead in Drinking Water - Brian Hogenson, DEQ
- 2:10 - 3:50             Flushing - David Carlson, AE2S
- 3:50 - 4:00             Review & wrap-up - Barb Coffman, MSAWWA

