

Nevada Drinking Water Workshops

January–June 2023

Registration open | Links available inside



NEVADA DIVISION OF
**ENVIRONMENTAL
PROTECTION**

Presented by:
Rural Community Assistance Corporation
Funded by:
Nevada Division of Environmental Protection

Nevada Drinking Water Workshops

January–June 2023

The goal of these workshops is to provide information to help small, rural water systems deliver safe, reliable drinking water to their customers and to demonstrate how to properly manage a water system for long-term viability.

Long-term viability includes additional capacity development in the following areas:

Technical:

- Regulatory compliance
- Operator training and testing
- Operations and maintenance
- Sampling, water quality testing, and troubleshooting
- System mapping

Managerial:

- Management/board training
- Human resource management
- Consolidation/collaboration/water rights management
- Security and vulnerability response

Financial:

- Budgeting and rate setting
- Asset management
- Capital project planning
- Financial management



NEVADA DIVISION OF
**ENVIRONMENTAL
PROTECTION**

Registration

For the fastest registration and most current information, please visit:

<https://www.events.rcac.org/rcac/Nevada.asp>

Registration help: <http://www.rcac.org/trainings/registration-help/>

Training department phone: (916) 447-9832 ext. 1429 • **Email:** registration@rcac.org

Mail: RCAC • 3120 Freeboard Drive, Suite 201 • West Sacramento, CA 95691

Training Information

Contact Hours & Certificates:

Each classroom workshop qualifies for six (6) drinking water contact hours. Each online workshop qualifies for two (2) drinking water contact hours besides the June 14 workshop, which qualifies for three (3). Certificates will be made available online through our registration portal and attendees will be notified via email when certificates are available.

Certificates for all online sessions will be available for self-printing within 48 hours through your RCAC website registration/profile account. Self-printing classroom certificates are also available for most workshops, but may take longer to access through your online account. RCAC and the Bureau of Safe Drinking Water require signatures for in-person trainings and we must wait to receive the original classroom sign-in sheets to be sent from the RCAC trainers in order to verify attendance.

Cost:

There is no fee to attend these workshops. Priority is given to smaller water systems. For classroom trainings, handouts will be available for those who register at least three weeks before the class date.

Online Workshops

Online workshops will be hosted on the GoToTraining platform. The recommended web browsers are Edge and Chrome. Use of other browsers may lead to functionality issues. If using an iOS device, the GTT application should be downloaded and used.

All online workshop registrations require a valid e-mail address. See page 2 for more detailed information.

In order to receive contact hours for online workshops, each person must be registered and complete an online survey at the end of the training.

Are you attending as a group, but not watching from your own computer?

Attendees do not need to participate from their own computer/device for the online trainings, but will need to complete an evaluation to receive credit. Your group leader will need to inform RCAC (registration@rcac.org) of attendees who will be viewing sessions as a group prior to session start. Sign-in sheets are NO LONGER accepted to validate attendance for contact hours for online workshops.

Please notify RCAC as soon as possible if you cannot attend a session that you have registered for, as we have an attendee limit for online workshops. Cancellations can be made by email at registration@rcac.org or by phone at (916) 447-9832 x 1429. Please do not cancel through GoToTraining.

IMPORTANT: Failure to attend three workshops for which you reserved a seat (and did not cancel) in any six-month period will disqualify you from attending workshops in the following six-month period. Please cancel a minimum of 48 hours in advance to allow others to attend the training.

How do I find my certificates online?

You can now access your contact hour certificates online. From the “View My Profile” page, click at the prompt for your certificates and history. That will take you to “My Registration Portal” page.

You can then print your certificates directly from your browser.

If you are unable to access your records through your account for any reason, please phone our staff at (916) 447-9832 ext. 1429 or email registration@rcac.org.

Certificates for all trainings may NOT be available. Contact registration@rcac.org if you cannot locate your training certificate online.

COVID-19 Response

We are monitoring the situation and will adhere to state and county COVID-19 guidelines/restrictions. All classroom workshops are subject to change in an effort to ensure public and trainer safety, and to comply with state and county guidelines/restrictions.

Online Workshops

RCAC's online trainings are instructor-led, interactive, internet-based workshops designed to provide quality training without the participant having to travel. Each session is two hours and qualifies for two contact hours.

Times listed are Pacific Standard Time.

Registration

In order to receive contact hours for online workshops, each person must be registered with their own email address and complete an online survey at the end of the training.

Are you attending as a group, but not watching from your own computer?

Attendees do not need to participate from their own computer/device for the online trainings, but will need to complete an evaluation to receive credit. Your group leader will need to inform RCAC (registration@rcac.org) of attendees who will be viewing sessions as a group prior to session start.

Online certificates

Certificates are available for self-printing within 48 hours through your RCAC website registration/profile account. This allows RCAC time to confirm your participation in the online training.

RCAC uses the GoToTraining online platform. We recommend that you sign-in to the session 15 to 30 minutes early to download the GoToTraining desktop app (if needed). All online workshop registrations require a valid email address. This is how the links (invitations) to the training are sent to registered participants.

Technical recommendations

Online workshops will be hosted on the GoToTraining platform. The recommended web browsers are Edge and Chrome. Use of other browsers may lead to functionality issues. If using an IOS device, the GTT application should be downloaded and used.

We recommend using a headset or speakers with your computer. You do not need a microphone for this class. You can use the chat box to type your questions and comments to the instructors and others in the training if you choose. GoToTraining has links available for you to test your connection and/or audio to provide assistance if you are having problems connecting to a session. If you continue to have problems connecting, contact GoToTraining Tech Support, toll free, at (855) 352-9002, and choose option 1.

Cancellation

Please notify RCAC as soon as possible if you cannot attend a session that you have registered for, as we have an attendee limit for online workshops. Please cancel a minimum of 48 hours in advance to allow others to attend the training.

Cancellation can be made by email at registration@rcac.org or by phone at (916) 447-9832 x 1429. Please do not cancel through GoToTraining.

IMPORTANT: Failure to attend three workshops for which you reserved a seat (and did not cancel) in any six-month period will disqualify you from attending workshops in the following six-month period.

Register now. Click on the title of any training to access the registration page.

Source Water Protection

January 11, 2023 • 10:00 AM–12:00 PM

Surface water or groundwater can serve as drinking water sources, and they each have their own treatment requirements for public drinking water supplies. Protecting source water from contamination can reduce treatment costs, saving both time and money. Protecting source water also reduces risks to public health from exposure to contaminated water.

Source water assessments provide water utilities, communities and others with information needed to protect drinking water sources. Learning how to conduct a source water assessment and implement management measures can prevent, reduce or eliminate risks to your drinking water supply.

Participants will learn:

- Delineation of source water protection area
- Inventory of known and potential contamination sources
- How to determine susceptibility of your PWS to contaminant sources
- Public education about threats identified
- Management measures for prevention, reduction or elimination of risks
- Contingency planning for contamination events

Target audience: Operators, management, board members, water system personnel or anyone with an interest in better understanding the value of operating a safe drinking water system

Arsenic

January 12, 2023 • 10:00 AM–12:00 PM

Since MCL for arsenic was lowered from 50 ppb to 10 ppb in 2001, water systems have been struggling to comply with this more stringent standard. For many small water systems, compliance with the Arsenic Rule has been a significant technological, financial and operational challenge.

This online learning event is intended to provide a small water system with a “road-map” to Arsenic Rule compliance. We will begin with reviewing the requirements of the Arsenic Rule. We will then explore non-treatment options for compliance, which are almost always less costly than treatment. We will then assess the pros and cons of several of the most common arsenic treatment technologies.

Participants will learn:

- The health effects of arsenic in water
- Non-treatment options for Arsenic Rule compliance
- An overview of the most used arsenic treatment technologies
- Practical considerations when choosing an arsenic treatment system

Target audience: Operators, managers and board members that have an interest in providing arsenic-safe water to their customers

Cyber Security 101: Safety & Security

January 18, 2023 • 10:00 AM–12:00 PM

Cyber security is an increasing concern for all of us. Taking simple steps in our system can prevent costly and dangerous outcomes. In two hours, we will share common strategies used to reduce the risk to your water system and your community.

Participants will learn:

- How to assess the risk and resilience of the water system to a cyber threat
- Common attack methods hackers use to target water systems
- What security measures can be taken to protect the water system

Target audience: Operators, managers and utility staff

Operator Safety: An Overview

February 1, 2023 • 10:00 AM–12:00 PM

This course is intended to provide operators with a general safety overview as it relates to the environments in which drinking water professionals work. The workshop begins with a regulatory overview and components of a workplace safety program. Next, the presentation moves into personal protection equipment, safety labeling and recognizing hazards. The module then focuses on chemical and fire safety before finishing with hazards more commonly found in the field. When finished with the course, operators should leave with a better understanding of safety programs and be able to better answer the “why?” question when implementing safety programs back home.

Participants will learn:

- Components of a workplace safety program
- Best safety practices
- Chemical and fire safety

Target audience: Operators, supervisors, managers, and board members

Capacity Building Through Partnerships

February 8, 2023 • 10:00 AM–12:00 PM

This workshop will discuss the spectrum of opportunities for partnering with others. From casual information sharing or operational support, to formal consolidation or joint powers agreements, we will review the challenges and benefits of partnering up.

By creating partnerships and opportunities for working together, we can solve some of our small system challenges.

Participants will learn:

- How to evaluate their system's potential for partnership
- Options for working with other systems
- The next steps to start or continue the conversation

Target audience: anyone involved with a small water system



Distribution Operator Prep 3-Part Series

Part 1 • February 15, 2023 • 10:00 AM–12:00 PM
Part 2 • February 22, 2023 • 10:00 AM–12:00 PM
Part 3 • March 1, 2023 • 10:00 AM–12:00 PM

And

Part 1 • April 5, 2023 • 10:00 AM–12:00 PM
Part 2 • April 12, 2023 • 10:00 AM–12:00 PM
Part 3 • April 19, 2023 • 10:00 AM–12:00 PM

The operator exam is coming, and you want to increase your chances of passing. This three-part series spans three weeks and is designed to present knowledge and help you identify areas where you may need additional studying or help. Each week we will focus on different aspects of the Distribution Grades 1 and 2 exams. You will identify areas for further study and build on them in subsequent weeks. Participation in all three sessions is highly encouraged.

Participants will learn:

- Distribution system overview
- Distribution equipment
- Minimal basic math
- Testing tips and tricks
- Cross connection control basics
- Repairing components
- Chemicals
- Lab samples
- Safety

Target audience: Individuals preparing to take the Distribution Operator Level 1 or 2 exam

Treatment Operator Prep 3-Part Series

Part 1 • February 15, 2023 • 2:00 PM–4:00 PM
Part 2 • February 22, 2023 • 2:00 PM–4:00 PM
Part 3 • March 1, 2023 • 2:00 PM–4:00 PM

And

Part 1 • April 5, 2023 • 2:00 PM–4:00 PM
Part 2 • April 12, 2023 • 2:00 PM–4:00 PM
Part 3 • April 19, 2023 • 2:00 PM–4:00 PM

The operator exam is coming, and you want to increase your chances of passing. This three-part series spans three weeks and is designed to present knowledge and help you identify areas where you may need additional studying or help. Each week we will focus on different aspects of the Treatment Grades 1 & 2 exams. You will identify areas for further study and build on them in subsequent weeks. Participation in all three sessions is highly encouraged.

Participants will learn:

- Treatment system overview
- Treatment equipment
- Minimal basic math
- Testing tips and tricks
- Filtration
- Repairing components
- Chemicals
- Lab samples
- Safety

Target audience: Individuals preparing to take the Treatment Operator Level 1 or 2 exam

Customer Notification

March 29, 2023 • 10:00 AM–12:00 PM

One of the best ways water systems can contribute to community health is by ensuring people within a service area know about water quality issues and how to protect themselves from potential risks. Public water systems are required by law to prepare and distribute public notification to consumers. Public notification of drinking water systems provides a way to educate the public; protect public health; build trust with consumers through open and honest sharing of information; and establish an ongoing positive relationship with the community.

This workshop will provide an overview of federal and state Public Notification (PN) requirements and strategies for building and maintaining trust with consumers.

Participants will learn:

- Federal and state requirements pertaining to public notifications
- Why effective customer communication is vital for small water systems
- Who must give public notice
- Who must be notified
- What type of public notice is required for each situation
- Tier 1, Tier 2, Tier 3 PN requirements
- Form, manner and frequency of the Tier 1, Tier 2, and Tier 3 Public Notice

Target audience: Water system operators and managers

Consumer Confidence Reporting

June 7, 2023 • 10:00 AM–12:00 PM

The Safe Drinking Water Act (SDWA) requires that a Consumer Confidence Report (CCR) is delivered annually by each community water system. The CCR is a report that provides the customer information about the quality of their local drinking water. This course will guide you through the requirements of the CCR and provide you with the tools and resources you need to meet the requirements of the SDWA.

Participants will learn:

- Where to find and download CCR templates and other tools for completing your CCR
- Required language in the CCR
- Important dates and deadlines
- Distribution methods

Target audience: Water system operators and managers

All Things Lead & Copper

June 8, 2023 •10:00 AM–12:00 PM

After 30 years, the EPA has released the new Lead and Copper Rule Revisions (LCRR). This will require the water systems and water system operators to address lead and copper in their systems in a new way.

This online training will guide drinking water operators through the new lead and copper site selection process, criteria and sampling plans so that water supplies maintain compliance for lead and copper under the Safe Drinking Water Act.

Participants will learn:

- The requirements of the new lead service line inventory
- Monitoring childcare and school facilities
- New monitoring requirements
- Expanded communications programs
- More stringent response to elevated lead levels

Target audience: Operators, managers, and board members

Drought Contingency & Water Conservation

June 14, 2023 • 9:00 AM–12:00 PM

Have you thought about what you would do if drought impacted your water supply? Have you seen falling groundwater tables and wondered if your water will continue to flow into the future? Nevada is the driest state in the nation. The supply of water in Nevada requires wise management in an area where water resources are limited and cycles of drought are common. Water conservation has proven to be an effective mechanism for reducing the demand on limited sources of water with the goal of ensuring that the vital water resource is available into the future. Planning your water system's response to drought can help to reduce the impact of drought on the system while taking steps to reduce demand during times when drought is impacting your water supply.

Participants will learn:

- Current water supply and drought information for their region
- Water conservation measures that can be implemented to reduce water usage
- How to conduct a water audit and reduce water loss in the water system
- Education, incentives and rate structures to promote water conservation
- Drought contingency planning to ensure the supply of potable water

This workshop qualifies for three contact hours.

Target audience: Operators, management, board members, water system personnel or anyone with an interest in better understanding the value of operating a safe drinking water system

A Day in the Life of an Operator

June 21, 2023 • 10:00 AM–12:00 PM

New to the water industry? Interested in a career as an operator? Just want to make sure you're doing your job right? Join RCAC for a Day in the Life of an Operator to learn more about what it looks like to be a water operator. This workshop will highlight the daily activities you may expect to see while working for a drinking water utility, ranging from responding to customer complaints, collecting samples, completing preventative maintenance activities and planning to keep your system running.

Participants will learn:

- The key responsibilities of a water operator including:
 - Operation of water system components
 - Importance of proper sampling
 - Monitoring your system's daily operations
 - Addressing customer complaints

Target audience: New water operators and ndividuals interested in a career in water



Operator Math

At a minimum, every public water system regardless of size and complexity requires a certified water distribution operator. The most significant hurdle for many Grade 1 and Grade 2 operators in passing the operator certification exam, however, is the math portion of the test. Typically, the math section of the certification exam constitutes about 35% of the total exam score, so proficiency in math is necessary to pass the test.

The “Do the Math” learning event will be subdivided into four (4) two-hour online sessions. The four sessions are listed below with content section details for each session. The math included in each session is based on the expected-range-of-knowledge for the ABC distribution D1/D2 exams. The sessions are numbered 101, 102, 201, and 301 after a traditional academic curriculum and to indicate a sequential progression of the content of each session.

Target audience: Those looking to take a treatment or distribution operator exam

Operator Math 101

**February 2, 2023 • 10:00 AM–12:00 PM and
March 30, 2023 • 10:00 AM–12:00 PM**

Participants will learn to:

- Convert water units (ft³ to gallons, gallons to weight)
- Convert distance (in. to ft, ft to meters, ft to mile)
- Convert areas (acres to ft², in² to ft², yd² to ft²)
- Convert volumes (ft³ to gal, gal to liters, liters to mL)

Operator Math 102

**February 9, 2023 • 10:00 AM–12:00 PM and
April 6, 2023 • 10:00 AM–12:00 PM**

Participants will learn to:

- Calculate area of a circle
- Calculate area of a rectangle
- Calculate volume of a cylinder
- Calculate volume of a rectangular tank

Operator Math 201

**February 16, 2023 • 10:00 AM–12:00 PM and
April 13, 2023 • 10:00 AM–12:00 PM**

Participants will learn:

- Pressure and head problems
- Dosage problems (simple no conversions)
- Well calculations (drawdown and specific capacity)
- Flow calculations (gal/min, ft³/sec, velocity problems)

Operator Math 301

**February 23, 2023 • 10:00 AM–12:00 PM and
April 20, 2023 • 10:00 AM–12:00 PM**

Participants will learn:

- Pressure and head problems (multi conversion problems)
- Chemical dosage problems (HTH and hypochlorite)
- Pumping problems (horsepower)
- Odds and ends (supply, solution, SCADA, specific gravity)

Classroom Workshops

RCAC’s classroom trainings are instructor-led, interactive workshops designed to provide quality, in-person training and networking opportunities. Each session qualifies for six contact hours.

Unless otherwise noted, all classroom workshops will be on the following schedule: Registration/Check-in: 8 a.m. Workshop: 8:30 a.m.–3:30 p.m. (PST) Lunch is one hour (on your own). All classroom workshops are subject to change due to COVID-19 in an effort to ensure public and trainer safety, and comply with guidelines/restrictions. All workshops will be limited in size based on federal, state and local public health guidelines in place at the time of the workshop. If guidelines allow larger gatherings, all workshops will be limited to 30 attendees.

Register now. Click on the title of any training to access the registration page.

Asset Management

**January 24, 2023 • Moapa Valley Area
January 26, 2023 • Ely Area**

For any water utility, even a very small water system, asset management (e.g. water tanks, pumps, computers, buildings, etc.) plays a significant role in the overall financial performance and sustainability of the water system. With proper planning, emergencies can be avoided and overall costs will be reduced.

An asset management plan prioritizes the replacement or installation of infrastructure assets. It includes the forecasting and budgeting of capital outlay and is an integral part of the budgeting and rate setting process for even very small water systems.

Participants will learn:

- What an AMP is
- Why a water system needs an AMP
- Tools for creating your AMP

Target audience: Board members, general managers, operators and financial managers

Storage & Distribution

March 21, 2023 • Carson City Area

This module presents the varying operation of water storage systems and distribution piping. The distribution and storage systems are the unrecognized backbone of any water system. However, due to their inconspicuous nature, problems are seldom realized, and maintenance is seemingly nonexistent. The fact is that most bacteriological contamination takes place in the distribution system. This alone should be enough to warrant prudent maintenance of piping, valves, and storage tanks in the system.

Through purposeful flushing procedures and adequate planning, system downtime can be minimized and water quality can be improved. This workshop will give participants the information and resources they need to understand proper operation and maintenance of their storage and distribution systems.

Participants will learn:

- Common components and types of water distribution system piping and storage
- Maintenance guidelines and programs that reduce long-term expenditures
- Possible pathways to reduce contamination
- Inspection and record-keeping procedures that improve water quality

Target audience: System operators, new board members and those considering becoming certified operators of a water system



Sanitary Surveys

March 22, 2023 • Yerington Area

It is the ultimate responsibility of every operator, manager and board member to provide safe drinking water to their customers. The prevention and removal of contaminants from the water are essential job functions. Sanitary surveys are a very important tool in helping water systems provide safe drinking water. The Ground Water Rule puts increased regulatory emphasis on conducting sanitary surveys and correcting deficiencies before they lead to water contamination events.

This workshop will give the participants an overview of sanitary surveys. Guides and templates will be provided so that individuals can conduct sanitary surveys on their own water systems.

Participants will learn:

- What a sanitary survey is
- The benefits of conducting your own sanitary survey to provide safe drinking water to your customers
- •The sanitary survey requirements in the Groundwater Rule
- How to use the EPA sanitary survey guidebooks and templates

Target audience: System operators and managers

TMF Capacity & Workforce Retention

April 26, 2023 • Battle Mountain Area

In this module, we will discuss how water systems can assess their own technical, managerial and financial (TMF) capacity levels to help identify needs within the system. We will examine techniques to find the right person with all the necessary qualifications for your water system and to gain a better understanding of workforce retention strategies and succession planning goals for your water system.

Participants will learn:

- How to assess technical, managerial and financial capacity levels
- What technical knowledge is required for the system
- How to increase job satisfaction and the ability to hold onto valuable water operators and associated system support staff

Target audience: Operators, managers, board members and community leaders

Asset Management

April 27, 2023 • Winnemucca Area

For any water utility, even a very small water system, asset management (e.g. water tanks, pumps, computers, buildings, etc.) plays a significant role in the overall financial performance and sustainability of the water system. With proper planning, emergencies can be avoided and overall costs will be reduced.

An asset management plan prioritizes the replacement or installation of infrastructure assets. It includes the forecasting and budgeting of capital outlay and is an integral part of the budgeting and rate setting process for even very small water systems.

Participants will learn:

- What an AMP is
- Why a water system needs an AMP
- Tools for creating your AMP

Target audience: Board members, general managers, operators and financial managers

Treatment

May 3, 2023 • Henderson Area

As our water system regulations increase, more and more water systems find themselves in need of water treatment solutions that seem to be ever-changing. In this class we will visit many methods of water treatment and the operations water treatment facilities. We will explore the equipment and the chemicals used as well as the regulatory requirement in the state of Nevada for treatment systems.

Participants will learn:

- The need for treatment
- The equipment used in treatment systems
- The chemicals used
- The process of water treatment
- Maintenance of the system
- Controls
- Safety
- Regulations

Target audience: Operators, supervisors and managers

Distribution 101

May 4, 2023 • Henderson Area

This day-long training will cover types of distribution systems and the various components you are likely to encounter in your system, including water mains, valves, hydrants, tanks and more! We will review the basic use and operations of the components, discuss the importance of proper maintenance, and cover how proper O&M of your distribution system impacts water quality.

Participants will learn:

- Distribution basics
- Common components used in distribution systems
- Best practices
- Equipment maintenance
- Water quality issues and how to resolve them
- Troubleshooting
- Safety

Target audience: Operators, supervisors, board members and anyone interested in becoming a certified operator

Cross Connection Controls

May 9, 2023 • Eureka Area

Do you have an active cross connection control program? If not, it is time to get in the game. Not only are you required to have an approved program, but cross connection controls provide yet another barrier against water contamination. This workshop will give you the information and resources on how to develop a program that fits your small water system.

Participants will learn:

- How to identify potential cross connections
- What backflow prevention devices to use
- State requirements regarding cross connection control
- How to develop a successful program

Target Audience: Operators, managers and board members

Emergency Planning & Disinfection

May 11, 2023 • Tonopah Area

Every day, water systems experience emergencies and it is up to the water system to handle them with the least amount of impact to our customers as possible. In this class, we will help you develop the tools needed to avoid these emergencies whenever possible, and face them with confidence when they cannot be avoided.

Participants will learn:

- How to plan for emergencies
- To develop an asset management plan to prevent emergencies
- To develop an emergency response plan
- How to assess the risk in your system
- What to do when disaster strikes
- Proper disinfection of your system

Target audience: Operators, supervisors, managers and board members

Arsenic Treatment & Solutions

May 17, 2023 • Reno Area

Since the MCL for arsenic was lowered from 50 ppb to 10 ppb in 2001, water systems have been struggling to comply with this more stringent standard. There is no “one size fits all” treatment technology that is appropriate for every water system, so finding the most effective path to compliance with the Arsenic Rule can be a complicated process that needs to take into account many factors like water chemistry, operator skill and waste disposal options.

This in-person learning event is intended to provide small water systems with a “roadmap” to Arsenic Rule compliance. We will begin with reviewing the requirements of the Arsenic Rule. We will then explore non-treatment options for compliance, which are almost always less costly than treatment. We will then assess the pros and cons of several of the most common arsenic treatment technologies.

Participants will learn:

- The health effects of arsenic in water
- Non-treatment options for Arsenic Rule compliance
- An overview of the most used arsenic treatment technologies
- Practical considerations when choosing an arsenic treatment system

Target audience: Operators, managers and board members that have an interest in providing arsenic-safe water to their customers



Sampling 101
May 23, 2023 • West Wendover Area

Public health is the primary concern of water providers, and the only way to ensure your water is safe is to test for possible contamination. Water system sampling can vary from monthly bacteriological sampling to annual nitrate, to triennial VOCs. The “Sampling 101” workshop will review monitoring schedules and site sample plans, provide hands-on sampling practice and discuss reporting and public notification requirements.

Participants will learn:

- Sampling handling and preservation
- Monitoring schedule(s)
- Revised Total Coliform Rule
- Other system and source tests
- Sampling site(s) evaluation

Target audience: Operators, supervisors and managers

Beyond Chlorine: Disinfection for Water Systems
May 25, 2023 • Elko Area

Many modern water systems require some form of disinfection to maintain compliance with state and federal regulations. How is this accomplished? What equipment is needed? How do I ensure my disinfection is working? What are the pitfalls of disinfection and long-term storage of water? Those questions and many more will be answered here. The class will walk through the history of disinfection; the equipment required; adjustment and maintenance of the equipment; safety; disinfection byproducts and how we overcome them; and alternative disinfection methods. At the end of this session the learner will have a stronger understanding of the modern disinfection systems that will be used for many years to come.

Participants will learn:

- Disinfection requirements
- Disinfection equipment
- System adjustment and maintenance
- Disinfection byproducts
- Safety
- Alternative methods of disinfection

Target audience: Operators, supervisors, managers and board members

Registration

For the fastest registration and most current information, please visit:
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Notes

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“I gained great insight from the trainings. I took several different trainings on the same subject from a few different organizations, some of which were very costly, and the RCAC trainings were by far the best. The commonsense instruction translates very well into every day in the workplace. We have used many of the practices discussed.”

—Workshop participant



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