

## Calendar of Events

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July 22, 2025

### **Flow of Water - Coeur d'Alene**

**City of Coeur d'Alene Wastewater Department**

**765 W Hubbard Ave**

**Coeur d'Alene, ID 83815**

**08:30 AM - 04:30 PM PST**

**Tondee Clark, (208) 343-7001**

**tclark@idrwa.org**

*Flow of Water - Coeur d'Alene*

*This course provides an overall view of the water and wastewater industry using the hydrological cycle as a comparison. It includes discussion on treatment technologies, storage, distribution and collections. This is a great class to inform boards, councils and the public about the importance of your utility's responsibilities. The course will be divided into three sections:*

*History of Water Treatment: Part 1*

*This course addresses when technologies were first discovered and how those technologies are used today. It also discusses whether those technologies can be applied to current treatment requirements. Topics include heat, UV, coagulation and colloidal silver treatments.*

*History of Water Treatment: Part 2*

*Explore early storage and distribution technologies and how they have led to today's systems. This course also examines whether those technologies can be applied to current treatment requirements. Topics include pipe types, corrosion control, valve types, tank and storage issues, and more.*

*History of Water Treatment: Part 3*

*Learn when chemical technologies were first discovered and how those technologies are still applied to today's treatment requirements. Topics include chlorine and its variations, ozone, fluoride, and chemical feed in general.*

*Instructor: John Schwartz, USABlueBook*

*Continuing Education Units (CEUs) Available: 0.6 Drinking Water/Wastewater*

*Cost: \$120 for IRWA Members / \$210 for Non-Members*

*Lunch is on your own.*

July 24, 2025

**Flow of Water - Troy**

**Troy Fire Department**

**519 S Main**

**Troy, ID 83871**

08:30 AM - 04:30 PM PST

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Flow of Water - Troy*

*This course provides an overall view of the water and wastewater industry using the hydrological cycle as a comparison. It includes discussion on treatment technologies, storage, distribution and collections. This is a great class to inform boards, councils and the public about the importance of your utility's responsibilities. The course will be divided into three sections:*

*History of Water Treatment: Part 1*

*This course addresses when technologies were first discovered and how those technologies are used today. It also discusses whether those technologies can be applied to current treatment requirements. Topics include heat, UV, coagulation and colloidal silver treatments.*

*History of Water Treatment: Part 2*

*Explore early storage and distribution technologies and how they have led to today's systems. This course also examines whether those technologies can be applied to current treatment requirements. Topics include pipe types, corrosion control, valve types, tank and storage issues, and more.*

*History of Water Treatment: Part 3*

*Learn when chemical technologies were first discovered and how those technologies are still applied to today's treatment requirements. Topics include chlorine and its variations, ozone, fluoride, and chemical feed in general.*

*Instructor: John Schwartz, USABlueBook*

*Continuing Education Units (CEUs) Available: 0.6 Drinking Water/Wastewater*

*Cost: \$120 for IRWA Members / \$210 for Non-Members*

*Lunch is on your own.*

July 29, 2025

**Certification Math Review - Boise & Online**

**Idaho Rural Water Association Technical Training Center or Online Using Zoom**

**6395 W Gowen Rd**

**Boise, ID 83709**

8:30 AM - 4:30 PM Mountain Time or 7:30 AM - 3:30 PM Pacific Time

Tondee Clark, (208)343-7001

tclark@idrwa.org

*Certification Math Review - Boise/Online*

*Do you need a little extra help with math? Do you have an exam coming up? Join Adrianna Cardoso from IRWA for math basics and applied problems.*

*Course Outline:*

*Review of materials and supplies needed for exam*

*How to use the provided formula sheets during your test*

*Math basics – units of measurement, fractions, decimals, percent*

*Common measurements in the wastewater and drinking water industry – volume, area, concentration, flow, pressure*

*Basic dimensional analysis problems – problem solving, strategies, resources and tools*

*Instructor: Adrianna Cardoso, Idaho Rural Water Association*

*CEUs Available: 0.6 Drinking Water/Wastewater*

*Cost: \$120 IRWA Members /\$210 Non-Members*

*Lunch is on your own.*

July 30, 2025

**Wastewater Collection I/II Certification Review - Coeur d'Alene & Online**  
**City of Coeur d'Alene Wastewater Department or Online Using Zoom**  
**765 W Hubbard Ave**  
**Coeur d'Alene, ID 83815**

8:00 AM - 3:30 PM Pacific Time 9:00 AM - 4:30 PM Mountain Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Wastewater Collection I/II Certification Review - Coeur d'Alene & Online*

*This is a review course for operators preparing to take a Level I or II Wastewater Collections exam. This class is based off the ABC material that the Idaho Division of Occupational and Professional Licenses uses to create its licensing exams. You will receive handouts showing specific topics to study and go through example test questions for each topic. A breakdown of exam topics will be given.*

*Topics include:*

- ? *Equipment operation, evaluation, and maintenance*
- ? *Lift station operation and maintenance*
- ? *Collection system monitoring, evaluation, and adjustment*
- ? *Wastewater operator safety, security, and administrative procedures*
- ? *Test taking tips and procedures*

*Certification Math Review should be taken in conjunction with this course; this class does not include calculations.*

*Sacramento State training manuals are a sought-after resource for operators preparing for state certification. This training manual was developed to serve the needs of operators in a variety of ways, including: as a self-paced, independent-study distance learning course, and as a textbook in traditional college and university classes (often taught by experienced operators). The goal is to provide you with an understanding of basic operational and maintenance concepts for wastewater collection systems and with an understanding of basic collection systems and with the ability to analyze and solve problems when they occur. ?*

*If desired, the Operation and Maintenance of Wastewater Collection Systems textbooks - Volume 1 and Volume 2 are available for purchase at checkout for \$110 each*

*Instructor: Craig Sturman, Idaho Rural Water Association*

*Continuing Education Units (CEUs) Available: 0.6 Wastewater and Collection*

*Cost: \$120 - Sponsored by USDA*

August 5, 2025

**Water Distribution I/II Certification Review - Coeur d'Alene & Online**

**City of Coeur d'Alene Water Department or Online Using Zoom**

**3145 N Howard St**

**Coeur d'Alene, ID 83815**

8:00 AM - 3:30 PM Pacific Time 9:00 AM - 4:30 PM Mountain Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Water Distribution I/II Certification Review - Coeur d'Alene & Online*

*This is a review course for operators preparing to take a Level I or II Drinking Water Distribution exam. This class is based on the ABC material that the Idaho Division of Occupational and Professional Licenses uses to create its licensing exams. You will receive handouts showing specific topics to study and need-to-know criteria for each.*

*Topics include:*

- *Drinking water distribution system components*
- *Equipment installation, operation, and maintenance*
- *Disinfection, monitoring, evaluation, and adjustment*
- *Laboratory process descriptions, sampling technique, and analysis*
- *Drinking water operator safety, security, and administrative procedures*
- *Public interaction*
- *Test-taking tips and procedures*

*Students may purchase the AWWA training manual WSO Water Distribution, Grades 1 and 2 for \$100 at checkout. Manuals are recommended but not required.*

*This water operator education Series was designed by the American Water Works Association to address core test content on certification exams by operator certification type and certification grade level.*

*Instructor: Jeff Cook, Idaho Rural Water Association*

*Continuing Education Units (CEUs) Available: 0.6 Drinking Water*

*Cost: \$120 IRWA Members / \$210 Non-Members*

*Lunch is on your own.*

August 6, 2025

**Webinar Wednesday! Critical Application Solutions in Water & Wastewater - Online**  
**Online using Zoom - You will be sent the Zoom Meeting invitation in the confirmation email.**

12:00 PM - 1:00 PM Mountain Time or 11:00 AM - 12:00 PM Pacific Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Webinar Wednesday! Critical Application Solutions in Water & Wastewater - Online*

*Join us for an engaging one-hour training session where robust solutions for essential applications in water and wastewater treatment plants are introduced. Various applications focusing on solutions for automation, safety, and cost efficiency will be discussed. Instruction will also be given on the principles of operation, applications, benefits, and limitations of the following technologies: ultrasonic, non-contact radar, and pressure.*

*Key applications to be covered include:*

- *Chemical tanks- The use of non-contact radar to create a safe environment for accurate level measurement for staff.*
- *Lift stations and pits- Overcoming ultrasonic and pressure devices, and less project management requirements.*
- *Grit traps and wash- Using automation to manage Grit.*
- *Pump room and pump monitoring and control- Pressure monitoring and flood protection in the pump room.*
- *Open channel flow- Obtaining influent/effluent flow rates for Flume and Weir.*

*Instructor: John W. Smith, VEGA Americas*

*CEUs: 0.1 Drinking Water/Wastewater*

*Cost: Free to IRWA Members / \$40 Non-Members*

*Location: Online using Zoom*

August 7, 2025

**Fundamentals of SCADA & Telemetry - Twin Falls**

**Idaho DEQ Conference Room**

**650 Addison Ave West, Ste 110**

**Twin Falls, ID 83301**

**12:00 PM - 03:30 PM MST**

**Tondee Clark, (208) 343-7001**

**tclark@idrwa.org**

**Fundamentals of SCADA & Telemetry - Twin Falls**

*Fundamentals of SCADA and Telemetry is divided into three parts, each covering key aspects of modern SCADA systems.*

*Part 1 – High-Performance HMI introduces a design philosophy that enhances operator effectiveness, especially during abnormal situations. Developed by PAS Company in 2008 and now an industry standard, it emphasizes practices like hierarchical design, smart use of color, pattern recognition, and data contextualization, while also addressing operator ergonomics, control room layout, and managing change.*

*Part 2 – Secure in the Cloud focuses on Cloud-based SAAS concepts, emphasizing security from field systems to Cloud-resident SCADA servers. Participants will explore the benefits and risks of connected systems, addressing key questions about internet accessibility and security threats.*

*Part 3 – Overcoming Telemetry and SCADA Issues for Remote Sites offers tools and strategies for addressing connectivity challenges, environmental obstacles, and aging infrastructure. Demonstrations of cellular and radio telemetry systems provide scalable solutions to maintain reliability, reduce manual interventions, and enhance efficiency. This course blends technical insights, cost-effective strategies, and case studies to improve scalability and sustainability in water and wastewater monitoring systems.*

*Instructor: Nathan Landreth, Advanced Control Systems*

*Continuing Education Units (CEUs) Available: 0.3 Drinking Water/Wastewater*

*Cost: \$60*

*Lunch is provided from 12:00 PM - 12:30 PM*

August 19, 2025  
- August 21, 2025

**Wastewater Treatment III/IV Certification Review - Coeur d'Alene & Online**  
**City of Coeur d'Alene Wastewater Department or Online Using Zoom**  
**765 W Hubbard Ave**  
**Coeur d'Alene, ID 83815**

8:00 AM - 4:00 PM Pacific Time or 9:00 AM - 5:00 PM Mountain Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Wastewater Treatment III/IV Certification Review -Coeur d'Alene & Online*

*This three-day workshop is designed to prepare operators for the current Association of Board Certification (ABC) test for Level III and Level IV Wastewater Treatment Plant Operator certification examinations. You will be reviewing the following subjects: Secondary Treatment, Solids Characteristics, Secondary Sludge, Headworks, Nitrification, Liquid Treatment, Biological Treatment, Nutrient Removal, Activated Sludge, Wastewater Treatment Ponds, and review test preparation skills.*

*Instructors: Casey Fisher, Idaho Rural Water Association*

*Continuing Education Units (CEUs) Available: 1.8 Wastewater and Treatment*

*Cost: \$360 IRWA Members / \$630 Non-Members*

*Time: 8:00 AM - 4:00 PM Pacific Time or 9:00 AM - 5:00 PM Mountain Time*



**Confined Space Competent Person Certification Training - Boise**  
**Idaho Rural Water Association Technical Training Center**  
**6395 W Gowen Rd**  
**Boise, ID 83709**  
08:00 AM - 05:00 PM MST  
Tondee Clark, (208) 343-7001  
tclark@idrwa.org  
*Confined Space Competent Person Certification Training - Boise*

*Confined Space Competent Person Course Description: The course is designed to meet OSHA requirements for confined space competent person training. The course includes professional classroom theory instruction, participant handouts, final written exam, group activities, field exercises and practical evaluation.*

*Curriculum covers OSHA regulatory requirements including, identifying types of confined spaces; the specific risks and hazards of confined spaces, and emergency procedures so employee can perform duties assigned. Includes training on attendant, entrant, and entry supervisor duties. Participants will be trained in basic atmospheric testing procedures, general ventilation practices, and common entry procedures. Participants will be familiarized with prevention methods, and the duties and responsibilities of the Competent Person at a confined space entry site.*

*Confined Space Field Exercise and Practical Evaluation: Course includes construction site training on worker safety while performing confined space entry and non-entry rescue activities. Participants will practice making confined space rescues by simulating rescue operations in which they remove manikins or participants from a confined space.*

*What is a confined space: A confined space has the following characteristics: Its size and shape allow an employee to enter it, it has limited openings for participants to enter and exit, and it is not designed for continuous employee occupancy.*

*Who Should Attend: Required for employer designated Competent Persons. OSHA requires that there is a Competent Person present whenever workers enter a confined space. All workers who perform confined space work by supervising, entering, or are responsible for attendant non-entry rescue duties are recommended to attend.*

#### **IMPORTANT CONSIDERATIONS**

*Safety Equipment Required: Attending participants are required to bring a Hardhat, Safety Glasses, Work Gloves, Work Boots, Reflective Vest or Jacket and wear proper Work Clothing for participation in the confined space practical exercise.*

*Confined Space Equipment Recommended (if you can): Participating workgroups are encouraged to bring fall their protection harness, tripod, hoist, or entry system, and calibrated atmospheric monitor, and ventilation equipment for field exercise.*

*Completion Requirements: Participants are required to be present and actively participate in all learning activities including hands-on exercises and a written exam to receive certification. Employees will receive a certification of completion and a competent person card by actively participating in the course and demonstrating knowledge in the classroom and at the training exercise site.*

*Learning Aids: Participants should come prepared with a notepad and pen. Guides and handouts will be provided at the start of the course. The presentation and materials are in English (Spanish courses are available upon request).*

*Course Length: Approximately 8 hours including classroom theory followed by confined space field exercises. We will be covering a great deal of information in a short period of*

*time; your punctuality will be greatly appreciated.*

*Instructor: Northwest Safety & Risk Services  
Continuing Education Units (CEUs) Available: 0.8 Drinking Water/Wastewater  
Cost: \$125 IRWA Members/\$145 Non-Members  
Lunch is on your own.*

September 9, 2025

**Board & Council Training - Salmon**

**Salmon River Meadows Mutual Water**

**124 Quail Rd**

**Salmon, ID 83467**

6:30 PM - 8:30 PM Mountain Time or 5:30 PM - 7:30 PM Pacific Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Board & Council Training - Salmon & Online*

*This course is intended to assist with the financial, managerial and operational effectiveness of drinking water and wastewater systems. The information presented is based off of the US Department of Environmental Protection Agency (EPA) and Idaho Department of Environmental Quality (DEQ) policies along with regulations outlined in state code by the Idaho Administrative Procedure Act (IDAPA). The intent is to give elected officials or appointed board members an overview of regulations and requirements they must follow as they manage their community water and wastewater systems.*

*Subjects covered include: Open Meeting Laws and Requirements, Safe Drinking Water Act, American Water Infrastructure Act of 2018 (AWIA), Lead and Copper Rule Revision, Emerging Contaminants, 5th Unregulated Contaminant Monitor Rule (UCMR5), Planning for the Future, Common Challenges; Operator Requirements.*

*There are two more chances to take this training: Salmon River Meadows Mutual Water (9/13), and City of Fairfield (11/17). This is excellent training for board members, council members, clerks, public works directors, operators, and supervisors.*

*Instructor: TBA*

*Continuing Education Units (CEUs) Available: 0.2 Drinking Water  
Cost: Free*

September 10, 2025

**Webinar Wednesday! Fundamentals of Ductile Iron Fittings - Online**

**Online using Zoom - You will be sent the Zoom Meeting invitation in the confirmation email.**

12:00 PM - 1:00 PM Mountain Time or 11:00 AM - 12:00 PM Pacific Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Webinar Wednesday! Fundamentals of Iron Fittings - Online*

*This presentation will explore the fittings that are used in potable water systems, sewer force mains, and inside water and wastewater plants. You will learn the difference between ductile and gray Iron fittings. A quick review of the AWWA Standards along with responsibilities of ductile iron fitting manufacturers will be presented. The three basic ductile iron fitting product line offerings with their applications and AWWA Installation Techniques and the Most Common Linings & Coatings for Fittings will also be explained. Wedge type restraints and their application along with the different styles of valve boxes will covered, briefly. The presentation will conclude with frequently asked questions received by fitting manufacturers.*

*Instructor: Jacob Lovin, McWane Ductile*

*CEUs: 0.1 Drinking Water/Wastewater*

*Cost: Free to IRWA Members / \$40 Non-Members*

*Location: Online using Zoom*

September 11, 2025

**Flow of Water - Boise & Online**

**Idaho Rural Water Association Technical Training Center or Online Using Zoom**

**6395 W Gowen Rd**

**Boise, ID 83709**

8:30 AM - 4:00 PM Mountain Time or 7:30 AM - 3:00 PM Pacific Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Flow of Water - Boise & Online*

*This course provides an overall view of the water and wastewater industry using the hydrological cycle as a comparison. It includes discussion on treatment technologies, storage, distribution and collections. This is a great class to inform boards, councils and the public about the importance of your utility's responsibilities. The course will be divided into three sections:*

*History of Water Treatment: Part 1*

*This course addresses when technologies were first discovered and how those technologies are used today. It also discusses whether those technologies can be applied to current treatment requirements. Topics include heat, UV, coagulation and colloidal silver treatments.*

*History of Water Treatment: Part 2*

*Explore early storage and distribution technologies and how they have led to today's systems. This course also examines whether those technologies can be applied to current treatment requirements. Topics include pipe types, corrosion control, valve types, tank and storage issues, and more.*

*History of Water Treatment: Part 3*

*Learn when chemical technologies were first discovered and how those technologies are still applied to today's treatment requirements. Topics include chlorine and its variations, ozone, fluoride, and chemical feed in general.*

*Instructor: John Schwartz, USABlueBook*

*Continuing Education Units (CEUs) Available: 0.6 Drinking Water/Wastewater*

*Cost: \$120 for IRWA Members / \$210 for Non-Members*

*Lunch is on your own.*

September 30, 2025

**2025 Fall Conference - Tony Elfering Memorial Scholarship Golf Tournament Fundraiser**  
**Bryden Canyon Public Golf Course**  
**445 O'Conner Road**  
**Lewiston, ID 83501**

08:00 AM - 03:30 PM PST

Carrie Gilstrap, (208) 343-7001

cgilstrap@idrwa.org

*The semi-annual golf tournament fundraiser will be held on Tuesday, September 30th, at the Bryden Canyon Public Golf Course in Lewiston, Idaho. Check-in will begin at 9:00 am with a 10:00 am shotgun start.*

*Cost is \$125/person or \$500/team. This fee includes: lunch, use of a golf cart, and greens fee.*

*Prizes will be awarded to the top 3 teams as well as the Longest Drive (Men's and Women's) and Closest to the Pin contest hole winners.*

*The Bryden Canyon Golf Course is located at 445 O' Conner Road, Lewiston, ID 83501 and is approximately 36 miles from the IRWA Fall Conference venue, Best Western Plus - University Inn, Moscow, Idaho.*

*This is a fundraiser to benefit the Tony Elfering Memorial Scholarship. All proceeds go directly to the scholarship fund.*

*\*\*\*Please invite your friends and family to participate! You do not have to be attending fall conference to play in the tournament!!\*\*\**

September 30, 2025

**2025 IRWA Shotgun Shoot Fundraiser**  
**Genesee Trap & Skeet**  
**310 South Pine St**  
**Genesee, ID 83832**

12:00 PM - 03:30 PM PST

Carrie Gilstrap, (208) 343-7001

cgilstrap@idrwa.org

*This event will be held at Genesee Trap & Skeet, 310 South Pine St, Genesee, Idaho. Check-in starts at 12:00 PM. The main event will begin at 1:00 PM. Bring your own shotgun. You are also encouraged to bring your own ammunition or purchase it at the event.*

*Lunch will be provided.*

*This is a fundraiser for the Operations Specialist Scholarship. All proceeds go directly to the scholarship fund.*

*\*\*\*Please invite your friends and family to participate! You do not have to be attending the fall conference to participate!!\*\*\**

October 1, 2025  
- October 2, 2025

**2025 IRWA FALL CONFERENCE in Moscow, Idaho - EXHIBITOR REGISTRATION**  
**Best Western University Inn**  
**1516 W Pullman Rd**  
**Moscow, ID 83843**  
08:00 AM - 05:00 PM PST  
Carrie Gilstrap, (208) 789-0116  
cgilstrap@idrwa.org  
*2025 IRWA Fall Conference - Moscow - Exhibitors*

*Save the date for Idaho Rural Water Association's Fall Conference, October 1-2, 2025  
at the Best Western University Inn, Moscow, Idaho.*

October 1, 2025  
- October 2, 2025

**2025 IRWA Fall Conference in Moscow, Idaho - ATTENDEE REGISTRATION**  
**Best Western Plus University Inn**  
**1516 W Pullman Rd**  
**Moscow, ID 83843**

08:00 AM - 05:00 PM PST

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*2025 IRWA Fall Conference - Attendee Registration*

*Please join us October 1-2 at the Best Western Plus - University Inn, Moscow, Idaho for the 2025 IRWA Fall Conference. Please follow the following instructions when registering.*

*If you have never registered for IRWA training before, or forgot your login, please contact IRWA at (208) 343-7001 or office@idrwa.org for assistance BEFORE REGISTERING.*

**REGISTRATION INFORMATION**

*We are asking attendees to REGISTER FOR TRAINING WHEN YOU REGISTER FOR CONFERENCE. This will help us assign classrooms and 2025 Fall Conference continuing education units (CEUs) will be listed at your IRWA Member Dashboard. Please review the Registration Information Packet and decide which classes you would like to attend. You have a choice of 45 classes and four tours!*

*If you select a 2-hour class or tour, do not select any 1-hour classes during the same time period.*

*If you are attending all two days of Fall Conference please review all the training. If you are coming for one day, select the training ONLY on the day that you plan to attend.*

*If there is training that doesn't apply to you (and you don't need CEUs), you may choose to spend more time in the Exhibit Hall doing research. If that is the case, don't select a training option that time period.*

*Some training sessions have capacity limits, so REGISTER NOW!*

*When you arrive at conference, you will be given a copy of your schedule with the classes you selected and the name of the classroom.*

*Until September 17th, the EVENT CONTACT PERSON (the person who filled out the registration form) can edit training selections at their IRWA Member Dashboard using the Confirmation Number at the bottom of the Confirmation Email. Or contact IRWA Training Coordinator Tondee Clark at (208) 343-7001 and she can change your schedule.*

*If you are going to have a guest attend the conference with you, complete the first attendee registration and then select Add Another Attendee to This Registration. Add the information for the guest. The guest is welcome to attend the classes, exhibit hall, game night and eat IRWA-provided meals and snacks. They will not be able to earn continuing education units (CEUs).*

*If you have any questions, please contact IRWA Training Coordinator Tondee Clark (208) 343-7001 or tclark@idrwa.org.*

October 21, 2025

**Pumps and Controls: Fundamentals and Applications - Ammon**

**Ammon Public Works**

**3541 Ard Dr**

**Ammon, ID 83406**

**08:30 AM - 04:30 PM MST**

**Tondee Clark, (208) 343-7001**

**tclark@idrwa.org**

*Pumps and Controls: Fundamentals and Applications - Ammon*

*Idaho Rural Water Association is pleased to have Layne Read, with DelcoWestern, present the training: Pumps and Controls: Fundamental and Applications. This course will cover the following principles:*

*Pump Basics*

*Motors*

*Well pit designs*

*Level controls and monitoring methods*

*Starting Methods including variable frequency starters*

*Controls - including SCADA*

*System Maintenance*

*Your pump questions*

*Instructor: Layne Read, Delco Western*

*Continuing Education Units (CEUs) Available: 0.6 Drinking Water/Wastewater*

*Cost: \$120 IRWA Members/\$210 Non-Members*

*Lunch is on your own.*



October 22, 2025

**Webinar Wednesday! Funding and Collaboration to Deliver Capital Improvement Plans for Small Communities - Online using Zoom - You will be sent the Zoom Meeting invitation in the confirmation email.**

12:00 PM - 1:00 PM Mountain Time or 11:00 AM - 12:00 PM Pacific Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Webinar Wednesday! Funding and Collaboration to Deliver Capital Improvement Plans for Small Communities - Online*

*In many small communities, the scale of water infrastructure needs often outpaces available resources, and without clear prioritization, utility managers struggle to make meaningful progress in addressing aging systems and emerging challenges. Capital Improvement Plans (CIPs) are essential for managing aging water infrastructure, but planning alone doesn't build resilience - execution does. This presentation explores how pairing project prioritization with thoughtful funding strategies transforms a CIP from a static document into a united, long-term mission.*

*Using the City of Rocky Ford (the melon capital of Colorado!) as a case study, we'll demonstrate how a comprehensive assessment of water infrastructure-including tanks, wells, pump stations, and treatment facilities-was paired with risk modeling, remaining useful life estimates, and cost forecasting to prioritize rehabilitation projects. The plan didn't stop at prioritization: financial modeling, rate review, and a custom funding strategy, including cash flow analysis and loan/grant planning, ensured that projects were feasible-not just ideal. We'll discuss how early and ongoing engagement with the finance director, public works staff, and city council, built trust and ownership of the plan, and how keeping the analysis at a high level helped the plan's value stretch further, turning a long list of needs into a unified roadmap for a more reliable and resilient utility. This session offers practical insights for small and rural communities looking to bridge the gap between wishful planning and real implementation.*

*Instructor: Jacob Strombeck and Travis McStraw, AE2S*

*CEUs: 0.1 Drinking Water/Wastewater*

*Cost: Free to IRWA Members / \$40 Non-Members*

*Location: Online using Zoom*

October 23, 2025

**Water Treatment I/II Certification Review - Boise & Online**

**Idaho Rural Water Association Technical Training Center or Online Using Zoom**

**6395 W Gowen Rd**

**Boise, ID 83709**

8:30 AM - 4:00 PM Mountain Time or 7:30 AM - 3:00 PM Pacific Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Water Treatment I/II Certification Review - Boise & Online*

*This is a review course for operators preparing to take a Level I or II Drinking Water Treatment exam. This class will be taught in-person in Boise and online at the same time. This class is based off the ABC material that the Idaho Division of Occupational and Professional Licenses (DOPL) uses to create its licensing exams. You will receive handouts showing specific topics to study and need-to-know criteria for each.*

*Topics include:*

- *Drinking water treatment methods*
- *Equipment operation and maintenance*
- *Source water characteristics*
- *Laboratory process descriptions, sampling technique, and analysis*
- *Drinking water operator safety, security, and administrative procedures*
- *Test taking tips and procedures*

*Students may purchase the AWWA training manuals WSO Water Treatment, Grade 1 or WSO Water Treatment, Grade 2 for a discounted rate. Manuals are recommended but not required.*

*Instructor: Kerry Huss, Idaho Rural Water Association*

*Continuing Education Units (CEUs) Available: 0.6 Drinking Water*

*Cost: \$120 IRWA Members/\$210 Non-Members*

*Lunch is on your own.*

October 30, 2025

**Wastewater Collection I/II Certification Review - Boise & Online**  
**Idaho Rural Water Association Technical Training Center or Online Using Zoom**  
**6395 W Gowen Rd**  
**Boise, ID 83709**

8:30 AM - 4:30 PM Mountain Time 7:30 AM - 3:30 PM Pacific Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

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*Topics include:*

- ? *Equipment operation, evaluation, and maintenance*
- ? *Lift station operation and maintenance*
- ? *Collection system monitoring, evaluation, and adjustment*
- ? *Wastewater operator safety, security, and administrative procedures*
- ? *Test taking tips and procedures*

*Certification Math Review should be taken in conjunction with this course; this class does not include calculations.*

*Sacramento State training manuals are a sought-after resource for operators preparing for state certification. This training manual was developed to serve the needs of operators in a variety of ways, including: as a self-paced, independent-study distance learning course, and as a textbook in traditional college and university classes (often taught by experienced operators). The goal is to provide you with an understanding of basic operational and maintenance concepts for wastewater collection systems and with an understanding of basic collection systems and with the ability to analyze and solve problems when they occur. ?*

*If desired, the Operation and Maintenance of Wastewater Collection Systems textbooks Volumes 1 & 2 are available for purchase at checkout for \$110 each.*

*Instructor: Craig Sturman, Idaho Rural Water Association*  
*Continuing Education Units (CEUs) Available: 0.6 Wastewater and Collection*  
*Cost: \$120 IRWA Members / \$210 Non-Members*

November 5, 2025

**Hands-On Control Valves, Hydraulics and Operation Maintenance - Boise**  
**Idaho Rural Water Association Technical Training Center**  
**6395 W Gowen Rd**  
**Boise, ID 83709**

08:30 AM - 04:30 PM MST

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Hands-On Control Valves, Hydraulics and Operation Maintenance - Boise*

*Engineers and operators alike will learn the “ins” and “outs” of hydraulic control valves. This discussion begins with basic hydraulics and how hydraulics automatically operate control valves to manage system pressure. The 6 hour hands-on session will demonstrate valve and pilot internals, troubleshooting, maintenance, and managing a complete control valve system.*

*Instructor: Patrick Miller and Raymond Velasquez, Cimco-GC Systems*

*Continuing Education Units (CEUs) Available: 0.6 Drinking Water*

*Cost: \$120 members / \$210 non-members*

*Lunch is not provided.*

November 6, 2025

**Water Distribution I/II Certification Review - Pocatello & Online**  
**City of Pocatello Water Operations Facility**  
**1889 N Arthur Ave**  
**Pocatello, ID 83204**

8:30 AM - 4:30 PM Mountain Time 7:30 AM - 3:30 PM Pacific Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Water Distribution I/II Certification Review - Pocatello & Online*

*This is a review course for operators preparing to take a Level I or II Drinking Water Distribution exam. This class is based on the ABC material that the Idaho Division of Occupational and Professional Licenses uses to create its licensing exams. You will receive handouts showing specific topics to study and need-to-know criteria for each.*

*Topics include:*

- *Drinking water distribution system components*
- *Equipment installation, operation, and maintenance*
- *Disinfection, monitoring, evaluation, and adjustment*
- *Laboratory process descriptions, sampling technique, and analysis*
- *Drinking water operator safety, security, and administrative procedures*
- *Public interaction*
- *Test-taking tips and procedures*

*Students may purchase the AWWA training manual WSO Water Distribution, Grades 1 and 2 for \$100 at checkout. Manuals are recommended but not required.*

*This water operator education Series was designed by the American Water Works Association to address core test content on certification exams by operator certification type and certification grade level.*

*Instructor: Jeff Cook, Idaho Rural Water Association*

*Continuing Education Units (CEUs) Available: 0.6 Drinking Water*

*Cost: \$120 IRWA Members / \$210 Non-Members*

*Lunch is on your own.*

November 13, 2025

**Disinfection A-Z - Boise & Online**

**Idaho Rural Water Association Technical Training Center or Online Using Zoom**

**6395 W Gowen Rd**

**Boise, ID 83709**

8:30 AM - 4:00 PM Mountain Time or 7:30 AM - 3:00 PM Pacific Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Disinfection A-Z - Boise & Online*

*?This class will explore one of the most important, yet complex, aspects of utility operations: disinfection. Why do we disinfect and how does the chemical process work? Learn all about chlorination, including why it is such a good disinfectant and how to improve your plant's chlorination process. Safety precautions will be included. A review of physical and chemical methods of disinfection will be provided. Discussion of operational considerations, testing procedures, and monitoring will also be covered. Finally, this class will cover dechlorination for both water and wastewater as well as alternative methods of disinfection. Come prepared to discuss problems and questions from your treatment plant! Find solutions and operational improvements to use during your daily procedures, maximize your treatment process, and meet regulations with ease.*

*Instructor: John Schwartz, USABlueBook*

*Continuing Education Units (CEUs) Available: 0.6 Drinking Water/Wastewater*

*Cost: \$120 for IRWA Members / \$210 for Non-Members*

*Lunch is on your own.*

November 17, 2025

**Backflow Assembly Tester Re-Certification Course - Boise**

**Idaho Rural Water Association Technical Training Center**

**6395 W Gowen Rd**

**Boise, ID 83709**

08:00 AM - 05:00 PM MST

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Backflow Assembly Tester Re-Certification Course - Boise*

*Register today for Backflow Assembly Tester (BAT) Recertification Training. This will be hands-on training! Students will have the opportunity to practice on all four assembly types, troubleshoot scenarios, and ask the instructor about common challenges encountered in the field. If you pass the tests, you will earn the needed 0.8 CEUs to keep your BAT license current. The class will be held at Idaho Rural Water Association's Technical Training Center in Boise.*

*Instructor: Stacy Stuart, Stuart's Backflow*

*Continuing Education Units (CEUs) Available: 0.8 BAT*

*Cost: \$200*

*Lunch is on your own.*

November 17, 2025

**Board & Council Training - Fairfield & Online**

**Fairfield City Hall**

**407 Soldier Ave**

**Fairfield, ID 83327**

6:30 PM - 8:30 PM Mountain Time or 5:30 PM - 7:30 PM Pacific Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Board & Council Training - Fairfield & Online*

*This course is intended to assist with the financial, managerial and operational effectiveness of drinking water and wastewater systems. The information presented is based off of the US Department of Environmental Protection Agency (EPA) and Idaho Department of Environmental Quality (DEQ) policies along with regulations outlined in state code by the Idaho Administrative Procedure Act (IDAPA). The intent is to give elected officials or appointed board members an overview of regulations and requirements they must follow as they manage their community water and wastewater systems.*

*Subjects covered include: Open Meeting Laws and Requirements, Safe Drinking Water Act, American Water Infrastructure Act of 2018 (AWIA), Lead and Copper Rule Revision, Emerging Contaminants, 5th Unregulated Contaminant Monitor Rule (UCMR5), Planning for the Future, Common Challenges; Operator Requirements.*

*This is the last Board & Council Training of 2025. This is excellent training for board members, council members, clerks, public works directors, operators, and supervisors.*

*Instructor: Chris Johnson, City of Bellevue*

*Continuing Education Units (CEUs) Available: 0.2 Drinking Water*

*Cost: Free*

November 18, 2025

**Certification Math Review - Boise & Online**

**Idaho Rural Water Association Technical Training Center or Online Using Zoom**

**6395 W Gowen Rd**

**Boise, ID 83709**

8:30 AM - 4:30 PM Mountain Time 7:30 AM - 3:30 PM Pacific Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Certification Math Review - Boise & Online*

*Do you need a little extra help with math? Do you have an exam coming up? Join Adrianna Cardoso from IRWA for math basics and applied problems.*

*Course Outline:*

*Review of materials and supplies needed for exam*

*How to use the provided formula sheets during your test*

*Math basics – units of measurement, fractions, decimals, percent*

*Common measurements in the wastewater and drinking water industry – volume, area, concentration, flow, pressure*

*Basic dimensional analysis problems – problem solving, strategies, resources and tools*

*Instructor: Adrianna Cardoso, Idaho Rural Water Association*

*CEUs Available: 0.6 Drinking Water/Wastewater*

*Cost: \$120 IRWA Members /\$210 Non-Members*

*Lunch is on your own.*

November 19, 2025

**Webinar Wednesday! Building a Physical Security Program for Your Utility - Online**

**Online using Zoom - You will be sent the Zoom Meeting invitation in the confirmation email.**

12:00 PM - 1:00 PM Mountain Time or 11:00 AM - 12:00 PM Pacific Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Webinar Wednesday! Building a Physical Security Program for Your Utility - Online*

*Building a comprehensive physical security program is essential for all Lifeline Sectors owners and operators. In this session we will cover key aspects of risk management such as; Threats, Policies, Training, Facility Hardening, and Exercises. We will also discuss several no-cost resources that are available to assist Utilities partners with their resilience improvement efforts. This training is very important for our water and wastewater operators, public works directors, boards and councils.*

*Instructor: Christopher Reidel, Cybersecurity and Infrastructure Security Agency (CISA)*

*CEUs: 0.1 Drinking Water/Wastewater*

*Cost: Free to IRWA Members / \$40 Non-Members*



December 10, 2025  
- December 11, 2025

**Wastewater Treatment I/II Certification Review - Coeur d'Alene & Online**  
**City of Coeur d'Alene Wastewater Department**  
**765 W Hubbard Ave**  
**Coeur d'Alene, ID 83815**

8:00 AM - 3:30 PM Pacific Time 9:00 AM - 4:30 PM Mountain Time

Tondee Clark , (208) 343-7001

tclark@idrwa.org

*Wastewater Treatment I/II Certification Review - Coeur d'Alene & Online*

*This is a review course for operators preparing to take a Level I or II Wastewater Treatment exam. You will be joining the IRWA Apprentices for this 9-hour class.*

*Material is based off the ABC material that the Idaho Division of Occupational and Professional Licenses uses to create its operator exams. You will receive handouts showing specific topics to study and go through example test questions for each topic. A breakdown of exam topics will be discussed.*

*Topics include:*

- ? *Types of treatment units, their purpose, and operation*
- ? *Treatment equipment operation and maintenance*
- ? *Treatment plant monitoring, evaluation, and adjustment*
- ? *Wastewater operator safety, security, and administrative procedures*
- ? *Sampling and laboratory procedures*
- ? *Test taking tips and procedures*

*(The Operation of Wastewater Treatment Plants textbook is not required but is recommended).*

*Instructor: Casey Fisher, Idaho Rural Water Association*

*Continuing Education Units (CEUs) Earned: 1.2 Wastewater and Lagoon Operation and Maintenance*

*Cost: \$240 IRWA Members/ \$420 Non-Members*

*Lunch is on your own.*

*(Please note, this class will provide 6 hours of Lagoon Operation and Maintenance CEUs that are needed for Very Small Wastewater System Operators. The Certification Math Review class should be taken in conjunction with this course if you are preparing to take an exam.)*

December 16, 2025

**Lagoon Treatment Process & Algae Control with Toni Glymph Martin - Online**

8:30 AM - 4:00 PM Mountain Time or 7:30 AM - 3:00 PM Pacific Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Lagoon Treatment Process & Algae Control with Toni Glymph Martin - Online*

*We are excited to announce that we have invited Wastewater Microbiologist Toni Glymph Martin to provide 6-hours of exceptional training. The participants will learn the role of bacteria, protozoa, metazoa and algae in the lagoon treatment process. The course will focus on the role of algae and how to identify the different types of algae. The participant will also gain an understanding of conditions that contribute to algal blooms along with possible corrective actions.*

*Instructor: Toni Glymph Martin, Wastewater Microbiology Solutions*

*Continuing Education Units (CEUs) Available: 0.6 Wastewater, Treatment, Laboratory Analyst*

*Cost: \$120 IRWA Members/\$210 Non-Members*

*Location: Live Virtual*

*These textbooks are available from Wastewater Microbiology Solutions and are a great resource, but are not required. Click on the books to read a description and see pricing.*

December 17, 2025

**Webinar Wednesday! December Training TBA - Online**

**Online using Zoom - You will be sent the Zoom Meeting invitation in the confirmation email.**

12:00 PM - 1:00 PM Mountain Time or 11:00 AM - 12:00 PM Pacific Time

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*Webinar Wednesday! December Training TBA - Online*

*Webinar Wednesday! offers a Free 1-hour training on a relevant topic. Stay tuned for our selection. If you have an idea, please contact IRWA Training Coordinator at (208) 343-7001.*

*Instructor: TBA*

*CEUs:*

*Cost: Free to IRWA Members / \$40 Non-Members*

*Location: Online using Zoom*

September 30, 2026  
- October 1, 2026

**2026 IRWA FALL CONFERENCE in Worley, Idaho - ATTENDEE REGISTRATION**

**Coeur d'Alene Casino Resort & Hotel**

**37914 S Nukwalqw St**

**Worley, ID 83876**

08:00 AM - 05:00 PM PST

Tondee Clark, (208) 343-7001

tclark@idrwa.org

*2026 IRWA Fall Conference for Attendees*

*Save the date: IRWA's Fall Conference will be held September 30th & October 1st at the Coeur d'Alene Casino-Resort-Hotel in Worley, Idaho.*

September 30, 2026  
- October 1, 2026

**2026 IRWA FALL CONFERENCE in Worley, Idaho - EXHIBITOR REGISTRATION**  
**Coeur d'Alene Casino Resort & Hotel**  
**37914 S Nukwalqw St**  
**Worley, ID 83876**  
08:00 AM - 05:00 PM PST  
Carrie Gilstrap, (208) 789-0116  
cgilstrap@idrwa.org  
*2026 IRWA Fall Conference for Exhibitors*  
*Save the date: IRWA's Fall Conference will be held September 30th & October 1st at the Coeur d'Alene Casino-Resort-Hotel in Worley, Idaho.*

September 29, 2027  
- September 30, 2027

**2027 IRWA FALL CONFERENCE in Moscow, Idaho - ATTENDEE REGISTRATION**  
**Best Western University Inn**  
**1516 W Pullman Rd**  
**Moscow, ID 83843**  
08:00 AM - 05:00 PM PST  
Tondee Clark, (208) 343-7001  
tclark@idrwa.org  
*2027 IRWA Fall Conference - Moscow - Attendees*  
  
*Save the date for Idaho Rural Water Association's Fall Conference, September 29-30, 2027 at the Best Western University Inn, Moscow, Idaho.*

September 29, 2027  
- September 30, 2027

**2027 IRWA FALL CONFERENCE in Moscow, Idaho - EXHIBITOR REGISTRATION**  
**Best Western University Inn**  
**1516 W Pullman Rd**  
**Moscow, ID 83843**  
08:00 AM - 05:00 PM PST  
Carrie Gilstrap, (208) 789-0116  
cgilstrap@idrwa.org  
*2027 IRWA Fall Conference - Moscow - Exhibitors*  
  
*Save the date for Idaho Rural Water Association's Fall Conference, September 29-30, 2027 at the Best Western University Inn, Moscow, Idaho.*