

IDAHO RURAL WATER ASSOCIATION

2023 WATER RALLY REPORT



MISSION STATEMENT

To provide technical assistance, training, and a strong representative voice for the benefit of Idaho's drinking water and wastewater utility systems.

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Cover photo: Mountain stream in Idaho's Sawtooth mountains.
dreamstime.com

“

As small water and wastewater systems with very small budgets, IRWA was a huge help when we had our emergency situation. We are certainly grateful for the technical assistance.

”

MIKE SPRAY,

SANTA WATER & SEWER DIST. AND SHELLY HAMMONS,
FERNWOOD WATER & SEWER DIST.

WHAT IS IRWA?

Idaho Rural Water Association (IRWA) is a 501(c)(3) non-profit organization originally formed in 1987 to provide training and technical assistance to drinking water and wastewater utilities in Idaho with populations under 10,000. IRWA is currently comprised of 359 drinking water and wastewater utilities in Idaho. Those 359 utilities elect a seven-member board of directors of professionals from the member utilities that volunteer their time to govern the Association. Since its inception, IRWA has also grown to include additional membership of industry vendors and others that support the mission of the Association. 17 employees provide statewide operational services and managerial support to the drinking water and wastewater utilities in Idaho. The services provided by IRWA are critical to the drinking water and wastewater utility systems in Idaho working to maintain compliance with stringent rules and regulations designed to protect human and environmental health. IRWA provides cost-effective services to rural utilities as our employees assist as many as 120 different

utilities each month. The knowledge and expertise shared amongst these utilities could not possibly be duplicated by having such qualified employees at each and every drinking water or wastewater utility system in Idaho.

MEMBER BENEFITS

- Utility representation on important legislative issues
- Initial guidance and general inquiries about water rights or water-related legal questions at no cost
- Obtain our member directory for networking opportunities
- Membership discounts on training and conference registrations
- Technical resources: lending of equipment and educational material
- Receive copies of *The Water Gram*: our quarterly technical publication
- Participation in the Awards of Excellence: recognizing superior performance of Idaho utilities and professionals
- Eligible for scholarships in both higher learning and the operation specialist training assistance



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LETTER FROM THE CEO

Idaho Rural Water Association (IRWA) is an association of drinking water and wastewater utility systems in Idaho. In addition to utility members, IRWA is supported by industry vendors and others that recognize the importance of our mission. The Association is governed by a seven-member Board of Directors comprised of volunteer professionals from member utilities. 17 employees provide statewide operational services and managerial support to the drinking water and wastewater utility systems in Idaho.

Services provided by IRWA include on-site technical assistance for drinking water and wastewater operations, maintenance, and system management. The Association also provides assistance in the development and implementation of source water protection plans which are important for ensuring safe drinking water across our great state for existing and future generations. IRWA is the primary provider of training classes in Idaho for industry-required certification and continuing education. In addition to providing over 100 classes and over 3,500 on-site hours in 2022, IRWA hosted two annual conferences (Spring and Fall) to provide utility operators and management with professional education and networking opportunities.

Ninety-eight percent of Idaho's drinking water and wastewater utilities are in rural communities serving populations under 10,000. These communities have the greatest difficulty providing safe, affordable public drinking water and wastewater services due to the limited economies of scale and lack of technical expertise. Because small and rural communities typically have lower median household incomes and higher utility rates compared to larger communities, the cost of compliance is often dramatically higher per household.

Services provided by IRWA are critical to rural utilities obtaining or maintaining compliance with stringent rules and regulations. Small, rural communities will tell you the dollars provided to rural water programs give a tangible, direct benefit to their quality of life. It's simple: small communities want to ensure quality drinking water and sanitary wastewater. Local water suppliers are operated

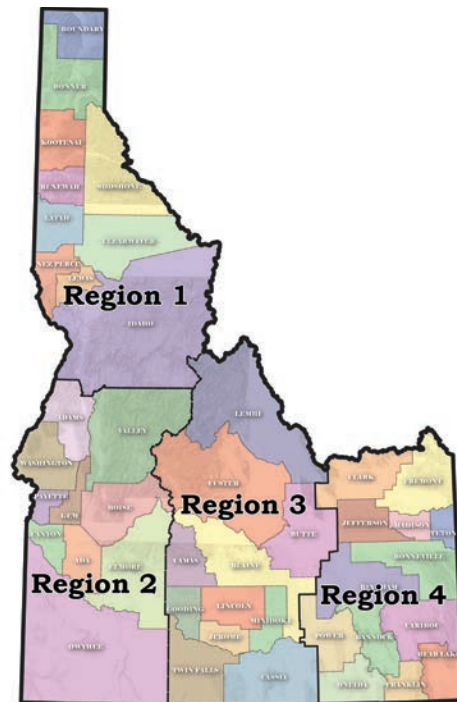
by people who are locally elected and whose families drink the water every day. However, they need common sense assistance in a form they can understand. Funding provided to rural water programs across the country and in Idaho allow for federal spending to be more results oriented, more effective, non-regulatory and less bureaucratic than other programs.

We appreciate your support!

Shelley Roberts

Shelley Roberts

Chief Executive Officer



BOARD OF DIRECTORS

IRWA BOARD

(L to R) back row:

Mike Haight – Director Region I;
Brian Vail – Director Region III At Large;
Brad Andersen – National Director Region IV At Large;
Bob Culver – Director Region III At Large

(L to R) front row:

A.J. Gray – Secretary/Treasurer, Legislative Director Region III;
Robert Dial – President Region IV;
Beau Ziemer – Vice President Region II



In fiscal year 2022, USDA Rural Development funded nearly **\$2 billion** in loans and grants nationally, benefiting millions of United States citizens. **Idaho received over \$47 million** of these funds, providing 80,585 residents with improved drinking water and wastewater utilities across 13 different counties.

DRINKING WATER PROGRAM

Water Circuit Riders – Jeff Cook, Dion Holton, Kerry Huss

USDA Rural Development provides funding for three Drinking Water Circuit Riders who provide technical assistance to drinking water utilities statewide. Our Circuit Riders have more than 60 years of combined experience in the field. Their primary focus is on assisting rural utilities, but our Circuit Riders will help anyone in need. Some of their services include assistance in the following areas:

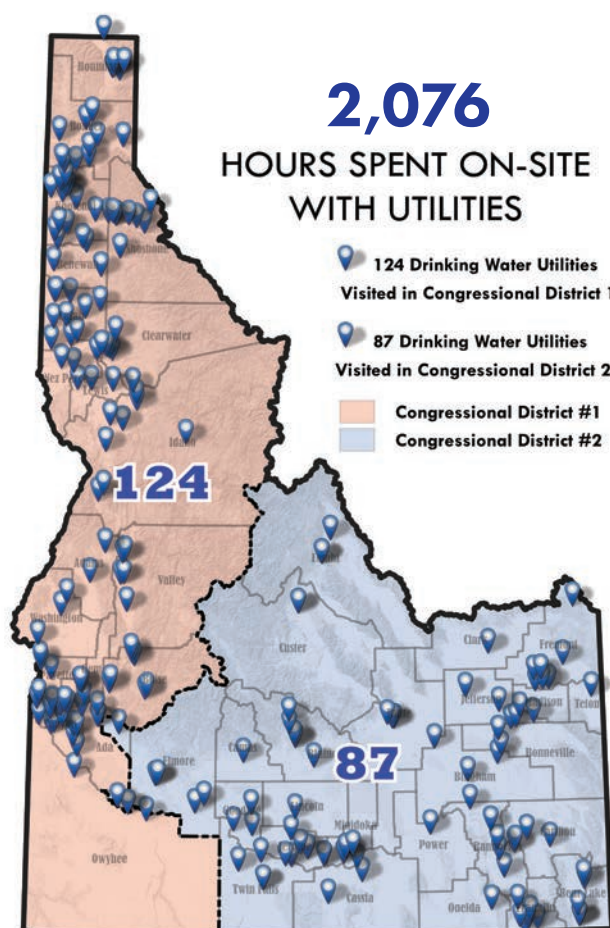
- Leak Detection and Line Locating
- Utility Rate Studies
- On-Site Training and Operator Certification
- Regulations and Compliance
- Safety
- Water Quality
- Operation and Maintenance of Treatment Facilities
- Financial, Operational, Regulatory Sustainability

ACCOMPLISHMENTS IN 2022 INCLUDE:

- Created individualized study programs and tailored training materials for Water Operation Specialists across the state who were seeking to pass Water Treatment & Water Distribution certification examinations.
- Provided Board training targeted to Board members and utility consumers.
- Provided safety training and scheduled staff work assignments in the absence of a system's public works director to break down a problem fire hydrant and assist in replacing a flow meter.
- Successfully found and repaired a member's system that had a 30,000 gallon/day leak.
- Assisted the State Parks Department at Lucky Peak Reservoir with continuous bad Coliform sample test results. Completed a Level 2 Assessment of a system and found multiple issues pertaining to their bad samples. Reported findings, implemented solutions, and now the system no longer has bad Coliform samples.
- Worked with East Shoshone Water District to help operators find three major leaks in the water systems using collators and other leak detection equipment.
- Worked with board members of Mission Creek Water to develop a system disinfection plan, implement the plan after DEQ approval, and help prepare a Level 2 system assessment after a number of E. coli positive samples. The end result provided the required two sets of absent samples.
- Worked with Lake Forest Homes to develop a system disinfection plan after several months of positive Coliform samples and two Level 2 system assessments.
- Assisted the City of Kendrick pinpoint a large service leak.

- Instructed two Water Operations Specialists on a Mueller Fire Hydrant repair for Hayden Lake Irrigation District.
- Taught new operators at Santa Fernwood how to collect VOC, SOC, and herbicide samples on both of their water systems.
- Helped with changing a worn-out control valve and explained the process of using a freeze kit to create an ice plug in the line so the work could be performed.
- Demonstrated to a new operator where to find his monitoring schedule on the Department of Environmental Quality (DEQ) website. Informed him about licensing requirements and showed him sampling videos available on DEQ's website.
- Instructed a system's operator on how to properly take his hydrant apart to be able to make repairs. Helped the operator determine what was creating the problem and informed him of the necessary parts needed for the repair. Assisted in re-assembling the hydrant.

USDA WATER CIRCUIT RIDER ASSISTANCE IN 2022





Kerry Huss and Daniel Garland in Glens Ferry

“We experienced a positive Coliform test in Sept. and Oct. which we had never had before. This triggered a level two assessment of our system which our operator was not licensed to conduct. Kerry Huss was available to complete it and did so quickly and to the DEQ standards.”

**LARRY REYNOLDS AND
NAOMI FRIEDMAN**, SCENIC PROPERTIES
WATER ASSOCIATION



Jeff Cook works on a hydrant repair



Dion Holton and Kerry Huss at Caldwell Housing Authority

“Jeff Cook and Craig Sturman are an indescribably valuable resource.”

JASON BRAUBURGER, CITY OF RICHFIELD

“Kerry’s expertise with the location equipment and experience with water systems allowed the leak area to be found within a few hours.”

NANCY J. GREENE, MAYOR, CITY OF PECK

WASTEWATER PROGRAM

Wastewater Circuit Riders – Craig Sturman, Paul Sifford (until August), and Kurtis Hart (starting in August)

USDA Rural Development funds two Wastewater Circuit Riders who provide technical assistance to wastewater utilities statewide. Our Circuit Riders have more than 20 years of combined experience in the field. Their primary focus is assisting rural utilities, but our Circuit Riders will help anyone in need. Some services offered include assistance with the following:

- Sewer Lagoon Sludge Measurements
- Sewer Line Camera Inspection
- Discharge Monitoring
- Permit Compliance
- Regulations and Compliance
- Construction Inspection/Plan Reviews
- Utility Rate Studies

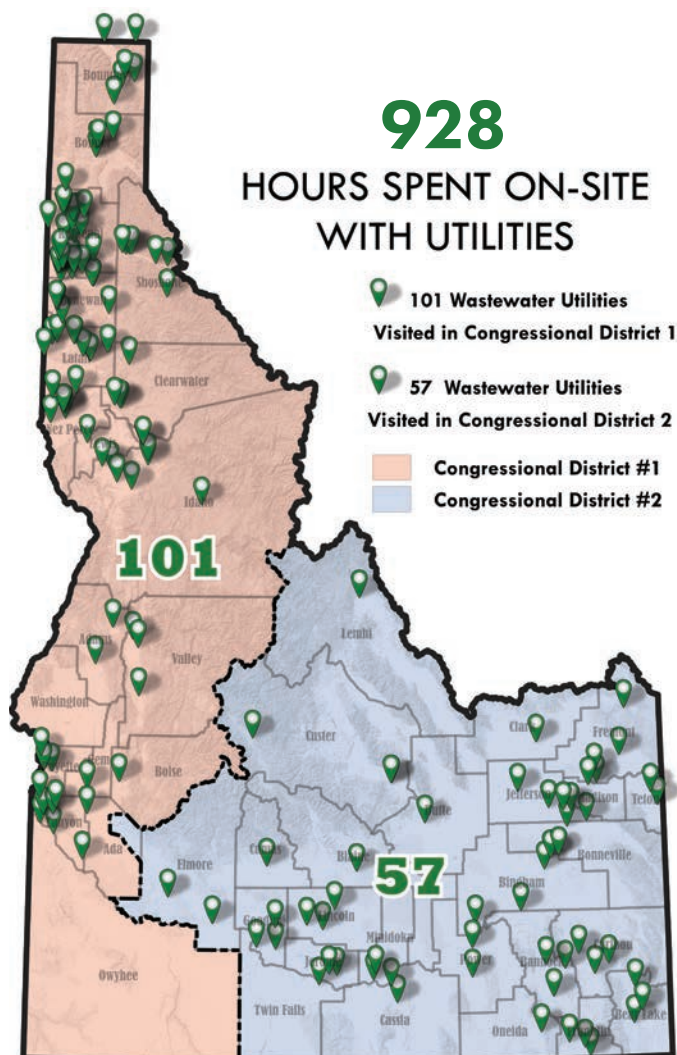
ACCOMPLISHMENTS IN 2022 INCLUDE:

- Helped to install necessary flow meters at the lift station and treatment plant for the City of Mackay.
- Assisted the City of Teton with its flow data discrepancies between its flow meter and the City of Rexburg's flow meter. The City of Teton sends their sewer flow to Rexburg for treatment. After determining the location of the force main to Rexburg a pump run-time vs. meter analysis was performed. The partial-flume/ultrasonic meter was cleaned and calibrated and the flow was monitored, which now provides accurate measurements.
- Assisted with smoke testing at the City of Hagerman to locate its manholes.
- Completed a sludge analysis on all three cells of the system for the City of Dubois. Helped to determine that there was no significant increase in sludge since the last analysis. Also aided in sending sludge samples to the lab for additional testing.
- Assisted Clarkia Water and Sewer District with its collection system by helping find a resolution to its infiltration issues and assisted in changing out a lift station pump.
- Helped eradicate a sewer blockage by locating and removing a large brick in the sewer main for the Coeur d'Alene Tribe's system.



Craig Sturman assisting the City of Ucon

USDA WASTEWATER CIRCUIT RIDER ASSISTANCE IN 2022



Kurtis Hart retrieving a lagoon aerator for the City of Deary

Source Water Protection Specialists – Andrew Jensen (until October) and Ethan Jayne (starting in October)

The USDA-Farm Services Administration Source Water Protection Program provides technical assistance and training to rural communities for the protection of their source of drinking water. The SWPP educates and informs rural residents about steps they can take to prevent water pollution and improve water quality. The specialist identifies areas where pollution prevention is most needed. Once areas for pollution prevention are identified, technicians work with state rural water associations to create teams made up of citizens and individuals from federal, state, local, and private organizations. These teams collaborate to create a plan to promote clean source water. The plan identifies voluntary actions that farmers and ranchers can take to prevent source water pollution. Most importantly, it is the local community that helps create the water protection plan and is invested in its success.

ACCOMPLISHMENTS IN 2022 INCLUDE:

Source Water Protection Plans and/or recertifications in

process: City of Ashton, City of Burley, City of Teton, City of Wendell, City of Jerome, City of Hailey.

Protection activities completed under SRF Contract:

- Visited numerous systems in Idaho to promote SWPPs, offer services, and distribute outreach material.
- Presented at the Idaho Division of Career Technical Education Professional Development Conferences to school educators to demonstrate the value of having water industry education inside the classroom. The presentation focused on “Ecology & Natural Resource Management” program standards.
- Published source water protection and water system management articles for the quarterly publication The Water Gram on several topics including “Wildfire’s Role in Idaho and Your Drinking Water System’s Vulnerability” and “Qualification Based Selection” for infrastructure projects.
- Hosted a learning booth at FFA’s Leadership Conference and provided the opportunity to speak at the conference dinner to new youth leaders.
- Hosted informational booth at DEQ’s Water Quality Conference.
- Hosted a booth at the Portneuf Environmental Fair, in partnership with SRF program staff, to educate the community about our source of drinking water and how to protect it.



Andrew Jensen teaching at an Educational Fair in Idaho Falls



Ethan Jayne in Heise, Idaho

- Hosted educational booths and offered free nitrate screening at several public fairs within Nitrate Priority Areas.
- Participated with NRCS during STAC meetings to identify statewide source water protection priority areas.
- Participated in the quarterly Source Water Protection Program calls between the State Office, Regional Offices, and IRWA Source Water Protection staff members.
- Total on-site hours: 285.

COMMITTEES

- **NRCS State Technical Advisory Committee:** Participated and provided technical assistance on source water protection and water quality discussions.
- **Boise State Hazard and Climate Resilience Institute:** Participated in general discussions and meetings providing technical assistance on community outreach, emergency response planning, and conducting community resilience assessments.
- **Idaho Center for Sustainable Agriculture:** Participated to promote water quality through soil health practices.

PARTNERSHIPS

Idaho Natural Resources Conservation Service (NRCS):

A continued partnership, providing technical assistance on source water protection and water quality to locally led working groups across the state.

Idaho Foundation Future Farmers of America (FFA): IRWA has created a partnership with Idaho’s FFA Foundation with an intention to educate and train tomorrow’s leaders to enter the workforce with skills and knowledge to make informed decisions in their communities. FFA is a leading youth leadership organization with more than 5,000 members in Idaho. IRWA helps to motivate these young people to identify and engage with their water source in a way that is beneficial to themselves and their communities.

- Attended state **career and leadership events** at University of Idaho in Moscow. Held a booth at the career fair, focusing on relevant issues and topics that affect Idaho’s rural communities.
- Presented at the **Summer Outdoor Leadership Retreat**, focusing on hydrological concepts relating to drinking water systems, their relationship with water, and future water conditions.

Source Water Protection Specialist – Adrianna Cardoso

Under the Idaho State Revolving Fund (SRF), the Idaho Department of Environmental Quality funds a Source Water Protection Specialist position to help meet the goals set forth by EPA's Safe Drinking Water Act. The scope of the SRF Source Water Protection Program is to assist communities in meeting source water protection goals by developing and implementing plans, participating in trainings, public education, and workshops. The goal of this program is to provide on-site technical assistance to utilities regarding protection and preservation of their drinking water source. Utilities are prioritized based on MCL violations, sources with degraded source water, and population.

ACCOMPLISHMENTS IN 2022 INCLUDE:

Source Water Protection Plans completed: Evans Water Corporation, City of McCall Water Department, City of Genesee, City of Worley.

Source Water Protection Plans and/or recertifications in process: City of Meridian, Greenferry Water and Sewer District, Panhandle Village Water System.

Protection activities completed under SRF Contract:

- Visited numerous systems in Idaho to promote SWPPs, offer services, and distribute outreach material.
- Provided peer support and participation in Planning Teams for the Cities of Teton, Burley, Ashton, and New Meadows along with the FSA Program Source Water Protection Specialist. Worked with Ashton to develop customer education regarding water conservation, utility care, prevention of water theft, and long-term sustainability.
- Taught a course on Maximum Contaminant Levels and associated health impacts during DEQ's annual Source Water Protection Workshop.
- Joined the Valley County Waterways Management Plan Technical Advisory Group to represent public water systems and water quality in Valley County.
- Participated in field trips and educational workshops with the Little Salmon River Watershed Collaborative, hosted by the Nez Perce Tribe. Worked to represent the needs of public water systems and water quality within the Little Salmon River Watershed.
- Provided input and comments for the revision of two of the state primacy's technical guides: Capacity Development Plan and Demonstrating Technical, Financial, and Managerial Capacity in New Public Water Systems.
- Taught a lesson on aquifers and groundwater contamination to

multiple elementary classes on two separate occasions. Aquifer lessons were targeted near Nitrate Priority Areas.

- Participated in the quarterly Source Water Protection Program calls between the State Office, Regional Offices, and IRWA Source Water Protection staff members.
- Participated with NRCS during STAC meetings to identify statewide source water protection priority areas.
- Became a participating member of the Big Payette Lake Water Quality Council to assist in local education and revitalization of the Lake*A*Syst program for homeowners. Developed outreach materials to promote Lake*A*Syst that were printed and delivered to the Council. Continued working with the Water Quality Council, on behalf of the McCall Water System, to protect Big Payette Lake.
- Wrote two articles for IRWA's quarterly publication the Water Gram regarding water quality trading in Idaho, which was authorized by the Legislature in March 2021.
- Participated in two public meetings regarding contamination in Lake Coeur d'Alene. Continued to investigate Lake*A*System and Stream*A*Syst for systems engaged in SWPPs and for water bodies suffering from increased nutrient loading and heightened development.
- Participated in the Nampa Drought Task Force to alleviate the stressors of drought on the city customers and surrounding users of shared irrigation sources. Developed a 30 second PSA that aired on local channels, educating people about drought and proper lawn watering. Developed outreach material for drought education, including brochures and articles for public distribution. Provided educational material at Nampa's community meeting about the drought. Created a drought and "water-wise" page on the IRWA website to promote conscientious water use, share resources, and cross-promote other partner's websites and drought information.
- Hosted informational booth at DEQ's Water Quality Conference.
- Served as a Board Member and participant in an educational campaign, hosted by the Idaho Water Education Foundation, to break a Guinness Book World Record of most people passing a glass of water to one another.
- Hosted a booth at the Portneuf Environmental Fair, in partnership with FSA program staff, to educate the community about our source of drinking water and how to protect it.
- Hosted an educational booth and offered free nitrate screening at two public fairs within Nitrate Priority Areas.
- Taught a class about harmful algal blooms at the IRWA Fall Conference.



Nampa Community Meeting regarding water conservation, summer watering, and the Treasure Valley water outlook

28

HOURS CLASSROOM TRAINING FOCUSING
ON EMERGENCY RESPONSE AND BOARD &
COUNCIL TRAINING

180

HOURS ON-SITE TRAINING/TECHNICAL ASSISTANCE

188

HOURS WORKING WITH AGENCIES/PARTNERS

83

HOURS OUTREACH
AND COMMUNITY EVENTS

ACCOMPLISHMENTS/HIGHLIGHTS

PROPER RESPONSE AND FOLLOW-UP TO SANITARY SURVEYS AND SIGNIFICANT DEFICIENCIES

57 sanitary survey related requests for technical assistance were received; all systems were contacted, eight had significant deficiencies in which six have been resolved, and two systems are working with DEQ and engineering teams along with IRWA to complete projects that will resolve the deficiencies. Majority of the systems were responsive and mostly requested operator training or assistance with funding.

“We want you to know how much we appreciate your help and willingness to come out when we need you. The IRWA has been a great asset to the City of Teton and Craig and Jeff have gone above and beyond.”

CITY OF TETON

AMERICAN WATER INFRASTRUCTURE ACT COMPLIANCE

All Idaho systems above 3,300 population served have met the AWIA Risk and Resilience Assessment and Emergency Response plan requirements.

CONTINUED PARTNERSHIPS WITH

Boise State Hazard and Climate Resiliency Institute (HCR) – Assisted with Lawyers Creek Watershed project in Partnership with HCRI, City of Kamiah, NRCS, and other community leaders and partners. Restoration on Lawyer Creek has begun along with creating GIS database for the city's infrastructure. Upgrades at the water treatment plant are ongoing as well as upgrades to the stormwater system as part of the source water protection plan.

Natural Resources Conservation Service and Local Conservation Districts – Assisted in the identification of watersheds for the National Water Quality Initiative along with source water protection areas around the state. Worked with local districts to identify high-priority water quality and water conservation projects. Development of a well decommissioning program is still underway.



Chris Johnson at the NRCS State Technical Committee Meeting with State Conservationist Curtis Elke

Gary Sievers – Apprenticeship Coordinator, April Hill – Apprenticeship Program Specialist,
Casey Fisher – Technical Trainer, and Rick Nansen, Technical Trainer (until November)



Apprenticeship Program

Idaho Rural Water Association

2022 APPRENTICESHIP PROGRAM ACCOMPLISHMENTS AND HIGHLIGHTS

The last year has been one of tremendous growth for Idaho Rural Water Association's Apprenticeship Program. 2022 saw the graduation of our second and third apprentices. These apprentices were here from the start and in many ways were guinea pigs helping us to figure out how to best serve our students. We have gone from three apprentices at the start of our program to 28 registered apprentices and 53 participants in all.

Our program has many exciting changes in the works for the future. We are working on an advanced apprenticeship program. We have seen the need for Class 3 and 4 licensure training increase as Idaho's population grows. We are happy to help bridge that gap for a host of new students.

At the end of the 2022 Spring semester, we had six apprentices complete their RTI (related technical training) hours and are currently working to finish up their OJT (on-the-job) hours. Two of those apprentices have completed both their RTI and OJT hours and have graduated from our Class 2 program. One of those apprentices will move forward into our Class 3 advanced program and will be our first advanced apprenticeship student.

Some highlights from 2022 are the graduation of our two apprentices from Buhl, Idaho. IRWA representatives traveled to Buhl to award the apprentices their nationally recognized certificates of completion at the Buhl City Council Meeting. We also celebrated the graduation of Charles Jones of American Falls and Cody Pfeiffer of New Plymouth.

We have focused this year on outreach and education about the importance of clean drinking water and safe wastewater practices.



We held a booth at the College of Southern Idaho's Sustainability Fair to talk about the field of wastewater as an often-forgotten "green" career for those interested in careers in sustainability. We also presented at the Idaho Falls Water Fair. We had over 300 fifth- and sixth-graders come through to learn about water filtration and careers in water.

We started an apprenticeship program newsletter, The Operator. This newsletter is sent out monthly and allows us to highlight a different apprentice each month. Through this newsletter, we hope to shed light on the importance of the fields of water and wastewater and celebrate those individuals who have chosen this very important career.

Our program has recently partnered with Idaho Launch, a financial aid program through the Idaho Department of Labor. Idaho Launch provides financial assistance for Idahoans interested in technical training. Our program will be listed on their website and will connect students interested in becoming water or wastewater operators with our program, and with funding to pay for their training.

Through our partnership with the Idaho Department of Labor and Idaho Launch, we have been given the opportunity to work with videographer Andy Lawless of Idaho Public Television to create a video highlighting our program and other apprenticeship programs across Idaho.

In September we began our Fall 2022 semester with 17 new apprentices. This is our third apprentice learning cohort.

As you can see, we have a lot brewing here at Idaho Rural Water Association. We are excited about the future.

“

I recently took the UMC with Adrianna and Gary here in Coeur D'Alene.
As always they put on a great class!

”

JASON HENDRICKS, SENIOR UTILITY OPERATOR, CITY OF COEUR D'ALENE



Cody Pfeifer, Apprentice Graduate

IRWA SUPPORTS THE RURAL WORKFORCE THROUGH APPRENTICESHIP

The drinking water and wastewater industry is facing a shortage of workers due to job growth and the retirement of the baby boomers. Over the next decade, the water sector is expected to lose between 30% and 50% of its workforce to retirement. However, Idaho's statistic is even worse than the national average. In 2016, 33% of Idaho's licensed drinking water and wastewater operators were over 55 years of age. Another 29% were over age 45. Many of these employees have worked at the same utility for the majority of their careers, and they will depart with decades of valuable institutional knowledge.

It takes more than 380,000 highly skilled drinking water and wastewater personnel in the nation to ensure the public supply of safe drinking water and to protect our lakes, streams, and groundwater. Advancements in water treatment and supply technology have increased the skills and training required of this workforce. Water professionals are ultimately responsible



April Hill, Apprenticeship Specialist and Scott Nichols, Apprentice & Mentor

for meeting stringent regulatory standards, replacing aging infrastructure, recruiting and training new operations specialists, and responding to and recovering from disasters. Many citizens and community leaders do not realize the time, knowledge, and commitment needed to obtain the proper licensing to ensure our communities have access to clean, safe drinking water. It takes years of on-the-job experience as well as education to obtain the proper knowledge and licensure to safely operate a public drinking water or wastewater utility.

The combination of on-the-job training and classroom education make the registered apprenticeship program an excellent fit for our industry. Much of the theory, chemistry, and mathematical concepts are best learned in the classroom. However, there is also knowledge to be gained from working in the field that cannot be gained from the classroom alone. For example, tasks like water line inspection, troubleshooting mechanical equipment, and heavy equipment excavation are more likely to be mastered in the field than in the classroom.



Charles Jones, Apprentice Graduate

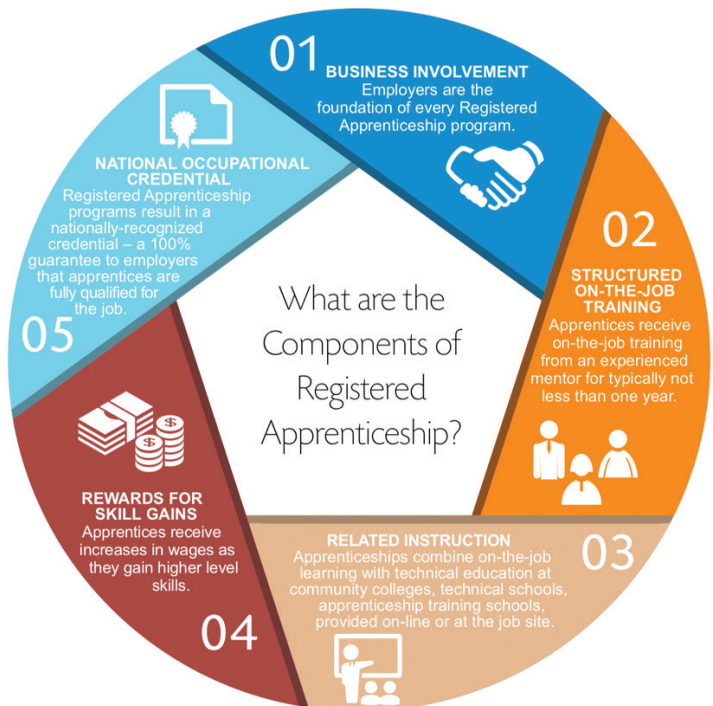
“ IRWA has been and continues to be a great resource of information and training for small and large water systems. Training seems to be on par regarding topics and applicability. ”

SHANE WENDLER,
CITY OF NAMPA WATER WORKS

A FUTURE CHALLENGE & OPPORTUNITY FOR GROWING IDAHO'S DRINKING WATER AND WASTEWATER PROFESSIONALS

In the ideal scenario an interested apprentice would be hired by a willing employer. Apprentices would be receptive to relocating to a new community and begin their employment and training. Communities large and small in Idaho and many throughout the country are experiencing an influx of people and a lack of housing. Home prices have increased and have made it impossible for many to purchase a home, and even to find affordable or available rentals. This has impacted potential apprentice applicants contacting Idaho Rural Water Association. And yet, cities are seeking experienced and licensed operators to fill open positions.

Developing one's local workforce seems to be one response to the reality of fewer trained operators along with fewer housing options. At present IRWA's participants in the *Class I / Apprenticeship Programs* are incumbent workers, committed to their communities. Bringing a new apprentice into a community and hoping they can find housing has been a barrier of the last year for potential apprentice applicants. IRWA sees opportunities to build greater industry awareness with young people entering the workforce as well as those seeking second career paths. A profession as a drinking water or wastewater treatment operations specialist can be a rewarding one. Those seeking a challenging, multifaceted role may do well to pursue the path of an operations specialist serving their own community.



87%

Percent of apprentices employed after completing their certification training

Source: White House Summit on American Apprenticeship

\$50,000

An average starting wage once qualified

Source: White House Summit on American Apprenticeship

\$300,000

Apprentices earn a significant premium for their skills - as much as \$300k more than their peers over a lifetime

Source: White House Summit on American Apprenticeship

1.6

million

potential shortage of middle skill workers by 2020

Source: McKinsey Global Institute

for every dollar spent on Apprenticeship

employers gain

\$1.47

in return

through increased productivity, reduced waste, and greater front-line innovation

Source: White House Summit on American Apprenticeship

TRAINING PROGRAM

Training Coordinator – Tondée Clark

IRWA training allows Operation Specialists to earn Continuing Education Units (CEUs) to maintain their licenses. Our training also helps people prepare to take a license exam. We are dedicated in our mission of providing excellent training for the workforce that is protecting Idaho's drinking water and wastewater utilities and water systems.

New this year was the opportunity to allow operators more training opportunities by joining the IRWA Apprentices for some of their training. IRWA Apprentices are meeting two mornings or afternoons a week during fall and winter semesters. We opened 14 classes to anyone interested in the training subject. The training was offered via Zoom. Many operators of small systems appreciated the ability to receive online training while not having to leave their systems or spend an entire day in class.

We continued to offer many of our certification review classes in a hybrid format. People could attend the training in person in Boise or via Zoom. This was a popular option for many of our operators. In 2023, we will use a portable Zoom Room to offer this in Pocatello and Coeur d'Alene.



Webinar Wednesdays! our once-a-month free lunch-hour classes, continue to be an attractive option for members, especially for people who live in the remote areas of the state. Training subjects covered the Lead and Copper Rules Revisions, EPA's Water and Wastewater Utility Emergency Response Plans, Common Groundwater Contaminants, and Cybersecurity.

IRWA has continued to offer exam preparation classes: Wastewater Collections I/II, Wastewater Treatment I/II, Drinking Water Distribution I/II, Drinking Water Treatment I/II, and Math Certification Review. In 2022, we offered training for people preparing for Class III and IV exams including Water Treatment III, Water Distribution III, and Wastewater Treatment III and IV.

A new class called, Filtration and Facility Tour was praised because, along with instruction, participants received guided tours through facilities that demonstrated the technology. In-person classes are still paramount to IRWA's training program.

IRWA continued to offer safety classes in 2022. We offered the training, OSHA #7410 Managing Excavation/Trenching Operations and OSHA #7300 Understanding OSHA's Permit Required Confined Space Standard.

A Backflow Assembly Testers Recertification Course was held every quarter at IRWA's Technical Training Center in Boise. The training facility allows the instructor to set up assembly malfunctions that might be encountered in the field. Class members must troubleshoot the problems.

IRWA has received funding intermittently through the Environmental Protection Agency to supplement training. IRWA is dedicated to serving the needs of Operations Specialists in Idaho by relying on membership fees and internal funds for its comprehensive training program.

130

CLASS DAYS HOSTED

1,401

CLASSROOM ATTENDEES

401

OPERATIONS SPECIALISTS WE
HELPED PREPARE FOR EXAMS

“ We wish to thank IRWA for their support of training and assistance with water-related issues in southeastern Idaho. ”

DAN FILLION, BEAR LAKE WEST/POA



This year, Idaho Rural Water Association experienced record-breaking numbers for both technical training conferences hosted during the spring and fall. We had over 400 attendees, 167 booths, and more than 300 exhibitors at these two events. These conferences provide an opportunity for Operations Specialists to obtain their required Continuing Education Credits (CEUs) over the course of a few days.

Classes cover a variety of topics, including Lead & Copper Rule Revisions, PFAS & Idaho's Drinking Water, Community Infrastructure Planning, Asset Management, and Creating a Pipeline of Skilled Workers – IRWA's Apprenticeship Program. Off-site tours to water and wastewater treatment plants were also made available for the first time at this year's events. And new this year at the Spring Conference was a General Session to conclude the conference as a group and to discuss the most pressing issues to the industry. Panelists included John Nielsen, from the Idaho Division of Occupational and Professional Licensing; MaryAnna Peavey and Tyler Fortunati, Idaho Department of Environmental Quality; Gary Sievers, IRWA's Apprenticeship Program; Chris Bromley, McHugh Bromley; and Bryson Ellsworth, President of the Water and Wastewater Professionals Board, who shared their information with the conference attendees.

Exhibitors were also on-site to present cutting-edge products and technology in the drinking water and wastewater field. These conferences offer a venue for Operations Specialists and other city leadership to discuss issues that affect their profession and to network with other industry professionals.

404

ATTENDEES



“IRWA plays a crucial role in educating operators, maintaining and enhancing the wellbeing of utilities, and most importantly, protecting the health and welfare of people throughout Idaho.”

LAURELEI MCVEY,
PUBLIC WORKS DIRECTOR, MERIDIAN



Paul Sifford – IRWA Support Services

IRWA Support Services, LLC was formed in 2014 to provide more extensive technical assistance and industry-related services than our funded programs were able to offer. IRWA members can contract with IRWA Support Services for economically priced, mission critical services such as:

- GIS mapping and leak detection
- Water and wastewater utility rate reviews and analysis
- Budgeting assistance and peer review of system rate analysis
- Back-up operations (dependent on location, licensing level, and level of service)
- Transitional training for new or existing operators due to plant upgrades or turnover
- System evaluation and investigation
- Confined space entry assistance and/or equipment rental
- Annual Consumer Confidence Report (CCR) preparation for public drinking water systems
- Lagoon seepage measurement assistance in coordination with licensed engineer

ACCOMPLISHMENTS IN 2022 INCLUDE:

GIS mapping involves spending several days onsite at a utility system using highly accurate GPS satellite-based antennas and equipment gathering the location of hundreds to thousands of manholes, water meters, isolation valves, and fire hydrants. Once the GPS points are gathered the GIS mapping can begin. The data files from the GPS points are loaded into GIS software. Then the magic begins with the points being formatted to look like fire hydrants, valves, manholes, etc., on the digital map. As-built drawing from engineers or records from the utility system are then used to connect the GPS “dots” to illustrate water pipes,

sewer lines, and other underground infrastructure. The digital maps can then be printed as paper maps or accessed online as a “real time” visual representation of the drinking water and wastewater systems that the utility can update themselves or have IRWA help them make changes.

Transitional training for new or existing operators due to plant upgrades or turnover has been critical to our Idaho communities that struggle with an aging workforce.

Operational support for a variety of compliance requirements including responsible charge and back-up licensure responsibilities for the communities of:

- | | |
|----------------------------------------|-------------------------------------------|
| • Benewah County Sewer | • Moose Draw Association |
| • Bliss, City of | • Mountain View Estates |
| • Cambridge, City of | • North Idaho Department of Corrections |
| • Craigmont, City of | • Pierce, City of |
| • Elk City Water and Sewer Association | • Priest River, City of |
| • Emida Water and Sewer | • Reed's Dairy |
| • Glenns Ferry, City of | • Roberts, City of |
| • Idaho City, City of | • Santa-Fernwood Water and Sewer District |
| • Kendrick, City of | • St. John Bosco Academy |
| • Kootenai County Water District #1 | • St. Maries, City of |
| • Lapwai, City of | • Sun Meadows Resort |
| • Lacon Water Cooperative | • West Bonner Water District 1 |
| • Menan, City of | |



Paul Sifford performs smoke testing in Lapwai

“

The IRWA Circuit Rider and training programs help Stites significantly. Limited staff does not allow time for Operators, Clerks, Administrators to become aware of requirements for operation of public water systems. We rely on and use the IRWA riders and training programs to help keep us current on such requirements.

”

GERALD CATHEY,
STITES PUBLIC WATER SYSTEM

“

Any time I call, no matter what I'm calling for, IRWA staff is always willing to help.

”

BRANDEN ROSE, DISTRICT ADMINISTRATOR,
HAYDEN LAKE IRRIGATION DISTRICT

IRWA PARTICIPATES IN FIRST IDAHO RURAL SUCCESS SUMMIT

Idaho Rural Water Association was invited to present and host a booth at the first Idaho Rural Success Summit hosted by the Federal Reserve Bank of San Francisco and the Idaho Hispanic Foundation in partnership with USDA Rural Development Idaho, on September 27, 2022 in Twin Falls, Idaho. The event featured success stories of projects in Idaho's rural communities coordinated by partnerships, resource coordination, and tenacity. Guest speakers included Joaquin Altoro, the USDA Administrator of Rural Housing Service, Margaret Salazar, the HUD Regional Administrator of Region X, and Idaho Governor Brad Little.

The Rural Prosperity Panel was facilitated by Andrew Dumont, Senior Community Development Analyst for the Federal Reserve Board of Governors, moderated with comments provided by Kevin Baily, CEO of Idaho Nonprofit Association, Jennifer Growth, Director of Policy and Partnerships at Rural Development Initiatives, and Dustin Baird, Native American Program Officer for Enterprise Community Partners. Success story recaps were presented in a brief 'lightning round' format on topics that included single-family housing, education, water infrastructure, broadband, small business, and

workforce development. Shelley Roberts, CEO of Idaho Rural Water Association, shared the importance of IRWA's services and training to rural communities throughout our state and the importance of sustainable drinking water and wastewater utility systems designed to protect public health and safety. In fiscal year 2022, USDA Rural Development Idaho invested millions to support rural areas across the state, including in:

- Business and Cooperative Programs – \$27.5 million
- Community Facilities Programs – \$3.6 million
- Electric Programs – \$21.8 million
- Multi-Family Housing Programs – \$19.9 million
- Single-Family Housing Programs – \$81.4 million
- Telecommunications Programs – \$11.0 million
- Water and Environmental Programs – \$45.5 million



Idaho Governor Brad Little opens Rural Success Summit Event



IRWA Booth at Rural Success Summit – CEO Shelley Roberts

“Dion Holton, our IRWA Circuit Rider, and Adrianna Cardoso, IRWA's Source Water Protection Specialist, have been valuable assets for our small city.”

VERNON FLEISHER, EAST HOPE MAYOR

“IRWA has assisted the USFS in Idaho with a good deal of training for operators and has assisted us with line locations. These have both been greatly appreciated.”

STEVE ROGERS, US FOREST SERVICE

IRWA WITH THE 2022 STATE ASSOCIATION OF THE YEAR AWARD

Idaho Rural Water Association (IRWA) earned the 2022 State Association of the Year Award in the Awards of Excellence competition awarded by National Rural Water Association (NRWA).

IRWA has earned this prestigious award three times in the last seven years.

"We are honored to receive this prestigious award from National Rural Water Association," says Shelley Roberts, Chief Executive Officer of IRWA. "We are grateful to our members and others that support our Association so we can deliver high quality service to Idaho's rural water utilities and provide statewide training to Idaho's hard working drinking water and wastewater professionals."

The competition consists of seven categories including Outstanding Achievement in Training; On-Site Technical Assistance; Communications Publications and Public Relations; Legislative Initiatives; Member Services; and the most prestigious award of State Association of the Year. Every year a five-member committee is tasked at selecting the state rural water association winners in each of these categories.

IRWA celebrated its 35th anniversary this year – a milestone that symbolizes longevity and success. Through innovation and willingness to challenge themselves to new heights, they have achieved numerous, record-breaking achievements in their 35th year.



The IRWA Team with their 2022 award

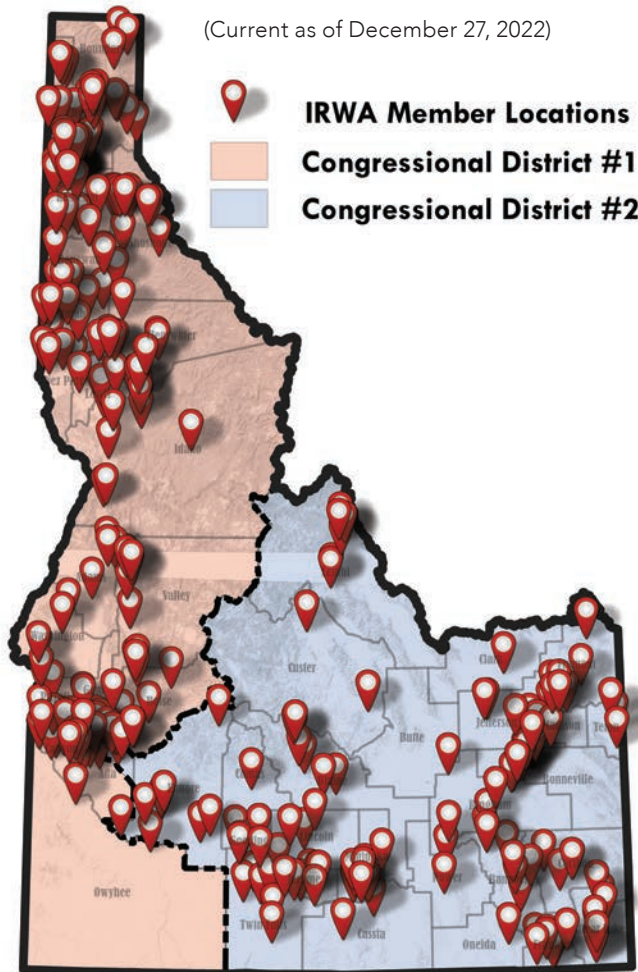
LEGISLATIVE WATER COLLEGE TOURS 2022



Idaho's legislative candidates took time out of their busy summer schedules to learn more about Idaho's infrastructure and the importance of one of our most important resources: WATER. Legislative Water College Tours took place in four regions around the state the week of August 23, organized by Idaho Water Users Association and the Eastern Idaho Water Rights



Coalition and sponsored by Idaho Farm Bureau, Idaho Rural Water Association, Bear Lake Watch, and the City of Twin Falls. It was a fantastic week of learning and networking. Thank you to community leaders and public works professionals who took time to help our legislative candidates better understand drinking water and wastewater.



516
TOTAL MEMBERS

359
SYSTEM MEMBERS
IN IDAHO

115
ASSOCIATE MEMBERS
& SPONSORS

35
INDIVIDUAL &
SUPPORT MEMBERS

7
OUT-OF-STATE
SYSTEM MEMBERS

Each red marker on this map represents the location of an IRWA member within our state. Note that multiple markers may not be entirely visible where there are multiple members at the same location.

SYSTEM MEMBERS – CONGRESSIONAL DISTRICT 1

Ahsahka Water & Sewer District
Alpine Meadows Water District
Arrowhead Ranch Water Association Inc.
Athol, City of
Avery Water & Sewer
Avista Corp Cabinet Gorge Dam
Avondale Irrigation District
Bayview Water & Sewer District
Beeline Water Association
Bennett Lumber Products, Inc.
Bonners Ferry, City of
Bonnie Laura Water Corp
Bovill, City of
Brundage Mountain Resorts LLC
Bruneau Water & Sewer District
Cabinet Mountains Water District
Calder Water Association
Caldwell Housing Authority
Caldwell, City of

Cambridge, City of
Cassandra Hills Owner Assn.
Castle Mountain Creeks
Owners Association
Cataldo Water District
Cave Bay Community Services Inc.
Central Orchards Sewer District
Central Shoshone County Water District
Champion Home Builders
Chateaux Water Association
Clark Fork, City of
Clarkia Water & Sewer District
Clearwater Water District
Coeur d'Alene Tribal Casino
Coeur d'Alene, City of
Cottonwood, City of
Cougar Creek Water Users Association
Cougar Ridge Water & Sewer District
Council, City of
Covert Water Users Association
Craigmont, City of

Crouch, City of
Crow's Nest Coop Water Assoc
Cti-Ssi Food Services, LLC
Culdesac, City of
Dalton Water Association, Inc.
Deary, City of
Desert View Estates Water Corp
Donnelly, City of
Dover, City of
Drake Water & Irrigation
Duquette Pines Homeowners Association
Eagle, City of
East Hope Water
East Lizard Butte Water Corporation
East Shoshone County Water District
Eight Mile Prairie Homeowners
Elk City Water & Sewer Association
Elk River, City of
Emerald Estates Water Association
Emida Water & Sewer
Emmett, City of

OUR MEMBERSHIP

Evans Water Corporation
 & Home Owners Assoc.
 Farko Water System Inc.
 Farragut State Park
 Federal Cartridge Company
 Fenn Water & Sewer District
 Ferdinand, City of
 Fruitland, City of
 Garden City, City of
 Garden Valley School District
 Gem State Water LLC
 Genesee, City of
 Grand View, City of
 Grangeville, City of
 Greenferry Water & Sewer District
 Hall Mountain Water Association
 Harbor View Estates Water & Sewer District
 Harrison, City of
 Hauser Lake Water Association, Inc.
 Hayden Lake Irrigation District
 Hayden Lake Sewer District
 Hecla Limited Lucky Friday Mine
 Helmer Water and Sewer District
 Hidden Valley Water Association
 Highway 54 Water Association
 Homedale, City of
 Hoodoo Water & Sewer District
 Hope, City of
 Horseshoe Bend, City of
 Idaho City, City of
 Indian Village Water Users Association
 Judgetown Water & Sewer District
 Jug Mountain Ranch Subdivisions
 Juliaetta, City of
 Kamiah, City of
 Kellogg, City of
 Kendrick, City of
 Kidd Island Bay Water Users
 Cooperative Association Inc.
 Kingston Cataldo Sewer District
 Kingston Water District
 Kooskia, City of
 Kootenai County Water District #1
 Kootenai School District #274
 Kootenai-Ponderay Sewer District
 Kuna, City of
 Laclede Water District
 Lacon Water Co Op
 Lakeview Water Co, Inc.
 Lapwai, City of
 Leisure Park Home Owners Association
 Lewiston, City of –
 Wastewater Treatment Plant
 Lowman Ranger Station

Marsing, City of
 McCall, City of
 Mcguire Estates Water Users Association Inc.
 McKinstry ECO District 1 LLC
 Melba, City of
 Meridian Water Department
 Middleton, City of
 Midvale, City of
 Mores Creek Rim Ranches Water District
 Moscow, City of
 Mountain Home, City of
 Mountain Springs Water Corporation
 Moyie Springs, City of
 Murphy Water System/Owyhee County
 Nampa, City of
 New Meadows, City of
 New Plymouth, City of
 Nez Perce National Historical Park
 Nez Perce Tribe
 Nezerperce, City of
 North Kootenai Water and Sewer District
 North Toner Butte Water & Sewer District
 Notus, City of
 O.K. Water Association
 Oden View Estates Improvement
 Association, Inc.
 Oden Water Association
 Onaway Water & Sewer Association
 Orofino, City of
 Outlet Water Association
 Panhandle Village Water
 Par Estates Homeowners Association
 Paradise Valley Water Association, Inc.
 Parma, City of
 Payette Lakes Recreational Water
 & Sewer District
 Payette, City of
 Peck, City of
 Pierce, City of
 Pine Ridge Water & Sewer District
 Pine Villa Park & Water Association, Inc.
 Pinehurst Water District
 Pleasant Acres Water & Sewer
 Plummer, City of
 Ponderosa Mobile Home Park
 Post Falls, City of
 Potlatch, City of
 Priest Lake Water, LLC
 Priest River, City of
 Princeton-Hampton Sewer District
 Project Patch
 Rapid River Water & Sewer District
 Rathdrum, City of
 Red Pheasant Water Company

Remington Water District
 Riggins, City of
 Riverside Water & Sewer District
 Rolling Hills Water Co, Inc.
 Rose Lake Water Association Inc.
 Ross Point Water District
 Roswell Water Users
 Sagle Valley Water & Sewer District
 Salmon River Ranger District
 Santa-Fernwood Water and Sewer District
 Scenic Properties Water Association
 Schweitzer Utility Company
 Shamrock Villa Water Association
 Silverwood Theme Park
 SM Utilities
 Smelterville, City of
 South Fork Coeur d'Alene River Sewer District
 South River Water Association
 Southside Water & Sewer District
 Spirit Bend Water Association
 Spirit Lake, City of
 Splendid Acres Water Association
 St Maries, City of
 Star Sewer & Water District
 Stites, City of
 Sunnyridge Water Corporation #3
 Stoneridge Utilities
 Syringa Heights Water District
 Tensed, City of
 Terrace Lakes Water Company
 The Amalgamated Sugar Company
 The Edge Resort
 The Jughandle Corporation
 Troy, City of
 Vallivue School District #139
 Village 21 Water District
 Wallace, City of
 Weippe, City of
 Weir Gulch Water Association
 Weiser, City of
 West Bonner County School District 83
 West Bonner Water & Sewer District
 White Bird, City of
 Wilder, City of
 Wilderness Ranch Owners Association
 Winchester, City of
 Woodview Acres Property Owners
 Woodland Shores Water and Sewer Association
 Worley, City of
 Yellow Pine Water Users Association

SYSTEM MEMBERS – CONGRESSIONAL DISTRICT 2

Aberdeen, City of
 Agropur-Jerome Cheese
 Albion, City of
 American Falls, City of
 Ammon, City of
 Arco, City of
 Arimo, City of
 Ashton, City of
 Aspen Hollow Homeowners Association
 Atlanta Water Association, Inc.
 Bailey Creek Community Association
 Bancroft, City of
 Basalt, City of
 Bear Lake West Property Owners Association
 Bellevue, City of
 Bennington Water System
 Birch Creek Culinary Water Company
 Bliss, City of
 Bloomington, City of
 Bogus Basin Rec Area
 Bonneville Joint School District #93
 Buhl, City of
 Burley, City of
 Butte City, City of
 Carey, City of
 Caribou Acres Water Company
 Cascade, City of
 Cassia County School District #151
 Castleford, City of
 Challis Joint School District #181
 Challis, City of
 Chobani
 Clifton, City of
 Clover Trinity Lutheran Church
 Comore Loma Water
 Dayton, City of
 Declo, City of
 Dietrich, City of
 Downey, City of
 Driggs, City of
 Dubois, City of
 Eden, City of
 Elk Bend Mutual Water Co Unit #1
 Elk Bend Sewer District
 Evaqua Farms LLC
 Fairfield, City of
 Falls Water Company, Inc.
 Filer, City of
 Firth, City of
 Franklin, City of
 Fremont County Sewer
 Georgetown, City of

Glenns Ferry, City of
 Gooding, City of
 GPOD of Idaho
 Grace, City of
 Greenfield Water & Sewer District
 Hagerman, City of
 Hailey, City of
 Hansen, City of
 Hazelton, City of
 Heyburn, City of
 Hollister, City of
 Idaho Department of Juvenile
 Corrections – St. Anthony
 Idaho Transportation Department #3
 Idahoan Foods
 Inkom, City of
 Iona, City of
 Island Park Village Association
 Jerome, City of
 Kanaka Rapids Ranch Homeowners
 Water System Inc.
 Karney Lakes Club, Inc.
 Ketchum, City of
 Kimberly, City of
 King Hill Domestic Water & Sewer
 Users Assoc., Inc.
 Lacey's Vista Acres Water Corp
 Lava Hot Springs, City of
 Lava Hot Springs Retreat Center
 M & T Water & Sewer
 Mackay, City of
 Madison School District #321
 Malad and Hilton Water Co Inc.
 Malad, City of
 Maple Grove Estates
 Marsh Valley School District #21
 Mart Produce Corporation
 McCammon, City of
 Mellen Subdivision Water District
 Menan, City of
 Minidoka, City of
 Minidoka County Schools #331
 Montpelier, City of
 Moore Water And Sewer Association
 Mountain Shadows HOA
 Mountain View Water Corporation
 Murtaugh, City of
 N&G Inc. / Desert Winds Chevron
 Newdale, City of
 Oakley, City of
 Paris, City of
 Paul, City of
 Picabo Livestock Co Inc.
 Preston, City of

Reed's Dairy, Inc.
 Richfield, City of
 Rigby, City of
 Ririe, City of
 Ritewood, Inc.
 Roberts, City of
 Rockland, City of
 Rogerson Water District
 Rupert, City of
 Salmon River Meadows Mutual Water
 Salmon, City of
 Sawtooth Estates Water Users Association, Inc.
 Shelley, City of
 Shoshone, City of
 Shoshone-Bannock Tribal Utilities
 Silver Sage Real Estate Property Owners
 Snake River School District
 Soda Springs, City of
 South Park Estates Water And Sewer
 St Anthony, City of
 St Charles, City of
 Stanley Sewer Association
 Strawberry Mink Creek Water Association
 Sugar City, City of
 Sun Valley Water & Sewer Dist
 Sunset Heights Water District
 Swan Lake Culinary Water Company
 Teton Springs Water and Sewer Company
 Teton, City of
 Tetonia, City of
 Thunder Canyon Estates Owners Association
 Township Park Estates
 Twin Falls, City of
 Ucon, City of
 Valley Club Owners Association
 Valley View Estates Water Users Association
 Victor, City of
 Waha Glen Water District
 Wendell, City of
 West Jefferson School District/
 Terreton High School
 Weston, City of
 Williams Lake Water & Sewer District
 Woodville Water and Sewer

OUT-OF-STATE SYSTEM MEMBERS

Aspens Pines Water & Sewer District
 East Shore Water Company
 Fairfield Water Department (WA)
 Harmon Property Owners Association
 Rockford, City of
 Teton Village Water & Sewer District
 Trapper Trails Council, BSA:
 Camp Bartlett (#6040008)

ASSOCIATE MEMBERS

120Water
Ackerman-Estfold
Advanced Pump & Equipment, Inc.
Airvac
American Flow Control
American Leak Detection of the ILNW
Ameriwest Water Services Inc.
Anatek Labs
Apsco LLC
Aquadrone Marine Services
AY McDonald Manufacturing Company
BioLynceus, LLC
Black Mountain Software, Inc.
C.H. Spencer, LLC
CIMCO
Cimco-GC Systems, Inc.
CIP Construction Technologies
Clearwater Economic Development Assoc.
Clow Valve Co.
Consolidated Supply Company
Correct Equipment, Inc
Critical Power Products & Services, LLC
Cues, Inc.
Digline, Inc.
Dorsett Controls
EJ
Ferguson Waterworks
Ford Meter Box Company
Forsgren Associates Inc.
Furrow Pump
General Pacific, Inc.
H D Fowler Company
Heco Engineers
HLE
Horrocks Engineers
Hose Solutions
Hubbell Power Systems
Hydro Specialties Company
Hymax By Mueller
Integrity Pump Solutions
J-U-B Engineers, Inc.
Lamb Weston/Conagra Foods
Laura Schroeder Law Offices PC
M & H / Kennedy Valve
Maguire Iron, Inc.
Master Meter, Inc.
Maximum H2O
Metron Farnier
Metroquip
MISCOwater
Mission Communications
Mountainland Supply Company
Neptune Technology Group

Nicor, Inc.
Northwestern Power Equipment Co.
One.7, Inc.
OXARC, Inc.
Pacific NW Sales
Precision Pumping/Automation Systems
Prestige Worldwide Technologies LLC
Process Technology, Inc.
PumpTech, LLC
Rain For Rent
Reiner Pump Systems, Inc.
RH Borden and Company, LLC
RH2 Engineering
Rocky Mountain Valves & Automation
Romac Industries
RootX
Sage Supply
Sensus, a Xylem Brand
ServLine by HomeServe
Sherwin Williams
SpectraShield Liner Systems
SWS Equipment, Inc.
TD&H Engineering
TMG Services, Inc,
T-O Engineers
Trenton Corp
United Rentals Trench Safety
USABlueBook
Vega Americas
Vermeer Mountain West
Vermeer Rocky Mountain, Inc.
Vision Municipal Solutions
Waterford Systems
W-Cubed
Western Engineering
Western States Automation
Western States Cat
Western States Cat Equipment
Western Systems
Western Systems and Fabrication
Wetco Inc.
Xylem Dewatering Solutions
Yellowstone Waterworks

INDIVIDUAL AND SUPPORT MEMBERS

Aspen Engineering
Basic American Foods
Berg, Carla
Blackfoot, City of
Brown, Jack
Chubbuck, City of
Clear Springs Foods –
Riverence Provisions, Inc.
Curtis, Michael






Eastern Idaho Regional
Wastewater Authority
Galliher, Sherman
Gantenbein, Ken
Greg Wood – Woodgrain Millwork
Idaho Department of Corrections
Idaho Falls, City of
Idaho National Laboratory
Idaho Power Company
IES Waterworks
King, Lonnie
KWS Seeds, LLC
Lewiston Orchards Irrigation District
Management & Training Corp
McCain Foods USA, Inc.
Pocatello, City of
Rexburg, City of
Sandpoint, City of
Scallorn, Tom
Skidmore, Randy
Suez Water
Turnipseed, Robert C
Water Systems Management, Inc.
Zarubica, Jim

IRWA SPONSORS











DIAMOND

Dr. Pipeline 
Integrity Inspection Solutions, Inc. 
Mountain Waterworks 

SAPPHIRE

Advanced Control Systems 
Analytical Laboratories, Inc. 
Goble Sampson Associates 
Great West Engineering, Inc. 
ICRMP 

OPAL

AquaPRO 
Cogent 
Core & Main 
DN Tanks, Inc. 
DuBois Chemicals, Inc. 
Energy Management Corporation 
Keller Associates 
Orenco Systems, Inc. 
Riverside, Inc. 
VT Scada by Trihedral 

THE WATER GRAM (QUARTERLY MAGAZINE)

Our magazine is distributed to all our members, with additional copies available for everyone attending our annual conferences. Approximately 1,400 copies are printed and distributed every three months. An interactive digital version of *The Water Gram* is shared via email, and is always available online at www.idahoruralwater.com/Publications/TheWaterGram.



TRAINING & EVENTS CALENDAR

These calendars are mailed to every licensed water and wastewater operations specialist and municipality in our state. We recently distributed over 3,000 copies for 2023.



IRWA MEMBER DIRECTORY

The directories offer a convenient resource for our members to contact one another, agencies like DEQ and EPA, as well as local and federal legislators. In 2022, we provided more than 1,000 copies of this resource to our membership.



FIND MORE INFORMATION ABOUT US ONLINE AT
WWW.IDAHORURALWATER.COM

**THANK YOU
FOR YOUR SUPPORT!**



IDAHO RURAL WATER ASSOCIATION

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