
IDAHO RURAL WATER ASSOCIATION

MEMBER REPORT

2019

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: Sunrise at Stanley Lake in the Sawtooth Mountains of Idaho.

“It’s very comforting to know that IRWA exists with such great individuals who will drop anything to assist our community, as well as other communities in Idaho. The level of service IRWA offers is one of a kind and absolutely #1 in our eyes. We are so grateful that IRWA is available to rural communities like Dietrich, and that IRWA has such an amazing staff.”

DON HEIKEN
Mayor & City of Dietrich Council

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 336 drinking water and wastewater utilities in Idaho. Those 336 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. Twelve 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



IDAHO RURAL WATER ASSOCIATION

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Wednesday, March 11, 2020



Dear Member Delegate:

Welcome to Idaho Rural Water Association's Annual Business Meeting. We are happy to have you with us this year in Boise.

We hope that during this past year, your drinking water and wastewater systems were successful in all operations and construction projects, and you were able to complete all upgrades for improvements to your systems. We appreciate your support of this organization and your participation. We encourage any and all ideas to continue making IRWA more resilient and stronger as a team.

As always, IRWA will continue to seek out the newest information and latest technology through our experienced and competent team members and through all who participate in our conference. To remain unified as one voice, IRWA Board and team members participate at the federal, state, and local levels of government to help inform and educate your boards and commissions. We work hard to help them understand your roles as certified Operations Specialists, to help relieve the burden placed on you and your systems.

With our unified voice as members, Board, and staff, we are being heard through our efforts at the national and state levels.

The following is the 2020 Annual Membership Report, which includes this meeting's agenda, all activities on IRWA's programs for the past year, and a list of current members.

We hope you enjoy this year's conference activities, training sessions, and your interactions with fellow professionals in our field.

Thank you for your continued support of Idaho Rural Water Association!
Sincerely,

Robert Dial
IRWA Board President



BOARD OF DIRECTORS



IRWA BOARD

IRWA Board (L to R) – Brad Andersen, Director Region IV At-large; Dan Messier, Director Region I; Bob Culver, National Director Region III At-large; Robert Dial, President Region IV; AJ Gray, Secretary/Treasurer, Legislative Director Region III; Kevin McLeod, Director Region II; Beau Ziemer, Vice-President, Director Region II At-large.



March 11, 2020 – 8:00 am MDT
 The Riverside Hotel – North Star Room
 Boise, Idaho

AGENDA

Call to Order
 Robert Dial, President

Reading of the Notice of Meeting
 AJ Gray, Secretary/Treasurer

Roll Call of Delegates
 AJ Gray, Secretary/Treasurer

Approval of Minutes
 AJ Gray, Secretary/Treasurer

Voting on Directors
 Beau Ziemer, Vice-President

Guest Speaker: Layne Bangerter,
 USDA Rural Development State Director

- Committee Reports**
- **Finance**
 AJ Gray, Secretary/Treasurer
 - **National Rural Water Association**
 Bob Culver, National Director
 - **Legislative**
 AJ Gray, Legislative Director
 - **Membership/Publications**
 Brad Andersen, Director

- **Personnel/Conference/Training**
 Brad Andersen, Director
- **Building/IRWA Support Services, LLC**
 Kevin McLeod, Director

Election of Directors
 Beau Ziemer, Vice-President

Unfinished Business

New Business

2019 FINANCIAL REPORT

2019 audit resulted in unqualified opinion and clean report for the Association.

FINANCIAL SUMMARY – FY 2019

Total Assets	\$1,111,283
Total Liabilities	\$181,043
Net Assets	\$930,240

ANNUAL REVENUE AND EXPENSES

Total Revenue	\$1,490,906
Total Expenses	\$1,390,256
2019 Change in Net Assets	\$100,650

The Rural Utilities Service’s (RUS) Water and Environmental programs (WEP) provide funding for the construction of drinking water and waste facilities in rural communities of 10,000 or less. Between 2009 and 2016, WEP funded **\$13.9 billion** for **5,825 projects** that will provide utility services to **19.5 million rural Americans**.

In fiscal year 2017, USDA Rural Development funded **\$1.9 billion** in loans and grants nationally, benefitting 2.5 million United States citizens. **Idaho received \$14.2 million** of these funds, providing 16,950 rural Idaho residents with improved water and wastewater utilities in 25 communities.

DRINKING WATER PROGRAM

Water Circuit Riders – Jeff Cook, Gary Sievers, Kerry Huss (3rd Circuit Rider position added in March 2019)

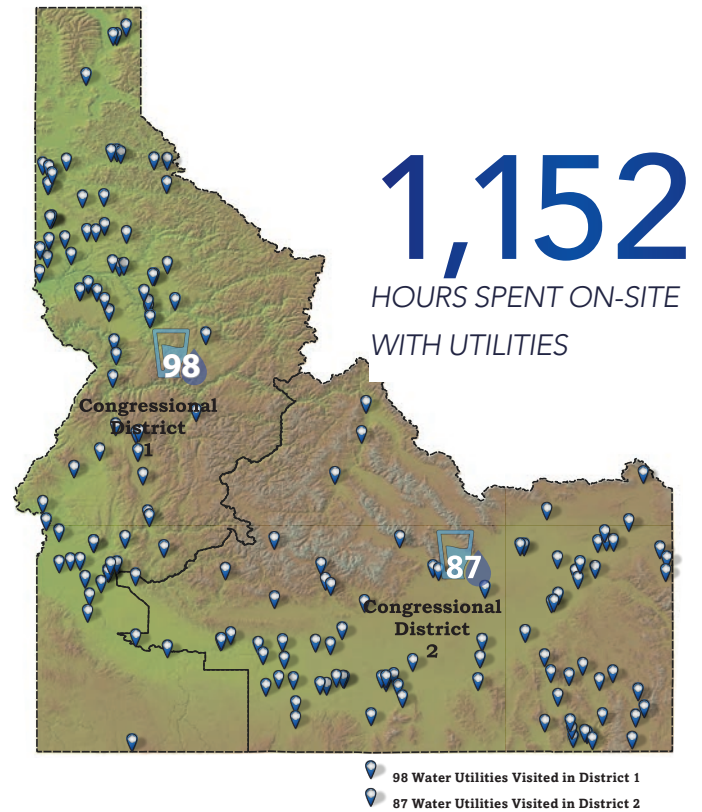
USDA Rural Development provides funding for three Drinking Water Circuit Riders who provide technical assistance to drinking water utilities statewide. Our Circuit Riders have more than 55 years of combined experience in the field. Their primary focus is on assisting rural utilities, but our Circuit Riders will help anyone in need. Some of their services include assistance in the following areas:

- LEAK DETECTION
- LINE LOCATING
- UTILITY RATE STUDIES
- ON-SITE TRAINING
- REGULATIONS AND COMPLIANCE
- OPERATOR CERTIFICATION
- SAFETY
- WATER QUALITY
- OPERATION AND MAINTENANCE OF TREATMENT FACILITIES
- FINANCIAL, OPERATIONAL, REGULATORY SUSTAINABILITY
- UTILITY RATE STUDIES

ACCOMPLISHMENTS IN 2019 INCLUDE:

- Performed leak detection using IRWA equipment for many communities including Wilderness Ranch Homeowners Association, Yellow Pine Community, Castle Mountain Creek Homeowners Association, the City of Council, and Sawtooth Estates Water Users, saving upwards of \$10,000 in potential costs to each of these utilities.
- Performed line location for numerous utilities such as the Indian Village Water Users Association, East Lizard Butte Water Corporation, Sawtooth Estates Water Users and on five different occasions for Castle Mountain Creek Homeowners Association saving each community thousands of dollars.
- Updated Emergency Response Plans and Security Vulnerability Assessments with the City of New Meadows, Smiley Creek, the City of Teton, and many others.
- Supplied information and guidance to the City of Bellevue and the City of Dayton for developing a rate study to determine expenditures and revenue flows.
- Worked with the Mayor of the City of Grandview to obtain better working conditions for the City’s water operators.

USDA WATER CIRCUIT RIDER ASSISTANCE IN 2019



- Assisted many communities in realizing savings by reducing water loss. The community of Yellow Pine was losing 30,000 to 60,000 gallons of treated water a day. The cost of treating and losing that much water is staggering.
- Trained about the importance of underground utilities such as DigLine so water operators understand the hazards associated with digging within their water systems and how to prevent catastrophic damage to their infrastructure.
- Promoted the benefits of membership in IdWARN (an emergency network available to drinking water and wastewater utilities at no charge) to communities throughout Idaho. The benefits of membership in IdWARN is of particular interest to the smaller homeowners associations and smaller communities.

WATER CIRCUIT RIDERS AT WORK

The Mayor of Spirit Lake, Idaho called Idaho Rural Water Association Circuit Rider, Gary Sievers, requesting water rate assistance. They needed a second party, unbiased opinion regarding their rate structure as part of an application for a Community Development Block Grant (CDBG). The CDBG will go towards a new storage tank for their water system.

On November 14, 2019, Mr. Sievers met with Mayor Renee Eastman and Treasurer Michelle Wharton at the Spirit Lake City Hall. Ms. Wharton and Mr. Sievers researched and printed several financial reports from their accounting system needed to populate data in the rate spreadsheet. This effort ended up validating the engineer’s rate study report with the suggested increase in base rate and price per thousand gallons used by each customer.

During the process Mr. Sievers was able to answer many questions the Mayor had about water rate structures. This effort has saved the City of Spirit Lake up to \$15,000 considering the costs to hire an independent engineer or CPA to travel to Spirit Lake and provide a full rate study report.



Rick Bird, City of Orofino, giving a tour of the facility to Kerry Huss, IRWA Circuit Rider.



Jeff Cook helps sanitize and flush the system in Dietrich Idaho after a system malfunction.



Gary Sievers, Circuit Rider, providing leak detection services.

“I want to express my gratitude to Jeff Cook and the guidance he has given our operators here at the City of Grand View. During my time as mayor, there have been multiple incidences of our operators needing assistance for various projects in which they had limited experience and had nowhere to turn for guidance.”

SANDY SKINNER
MAYOR OF GRAND VIEW

“Thank you Kerry Huss and Gary Sievers for coming to our little Fenn Community, for spending two hours looking for a leak we thought we had and turned out great – no leaks! I have been the water operator for ten years now, but am still learning something every time I take a class from IRWA. Thank you for showing me how to flush our system by using the fire hydrants.”

PAM SMITH
FENN COMMUNITY WATER OPERATOR

WASTEWATER PROGRAM

Wastewater Circuit Riders – Craig Sturman and Paul Sifford

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 on 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
- OPERATOR CERTIFICATION
- DISCHARGE MONITORING
- PERMIT COMPLIANCE
- OPERATION AND MAINTENANCE OF TREATMENT FACILITIES
- ON-SITE TRAINING
- DISINFECTION AND SAFETY
- REGULATIONS AND COMPLIANCE
- CONSTRUCTION INSPECTION / PLAN REVIEWS
- UTILITY RATE STUDIES

ACCOMPLISHMENTS IN 2019 INCLUDE:

- Provided smoke testing for the cities of Plummer, Stites, and others to identify leaks in the sewer system.
- Taught Sustainable Utility Management (SUM) classes to the Cities of Cambridge, Roberts, and Newdale.
- Performed sludge judge measuring to assess functionality of lagoon treatment in the cities of Star, Smeltonville, Wilder, Georgetown, and several more.
- Performed sewer inspections by camera for the cities of Plummer, Deary, and many more.
- Located manholes for numerous utilities such as the Cities of Lapwai, New Meadows, and many more.

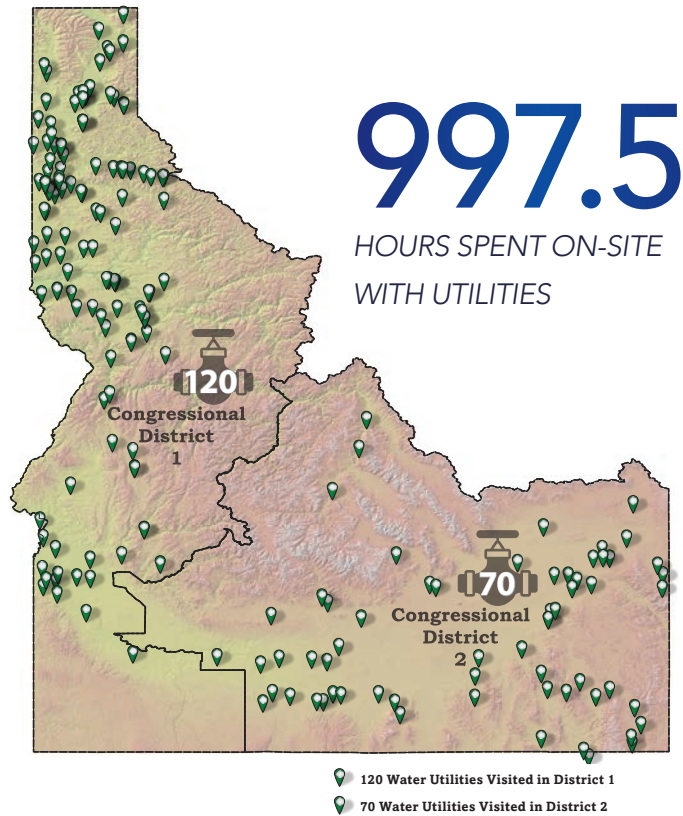


Craig Sturman, Circuit Rider, assisting the City of Ucon diagnose an electrical problem at a lift station using a FLIR (forward looking infrared radar).

“Paul Sifford, Wastewater Technician, was working with the City of Stites as their primary well was contaminated. They had several water line leaks that were impacting system capacity, and the leaks were discovered by Paul’s work.”

DAVID FLESHER
DIRECTOR, COMMUNITY PROGRAM, USDA-RD

USDA WASTEWATER CIRCUIT RIDER ASSISTANCE IN 2019



997.5
HOURS SPENT ON-SITE
WITH UTILITIES

120 Water Utilities Visited in District 1
70 Water Utilities Visited in District 2

“Jeff Cook and Craig Sturman offered their assistance in flushing the hydrants throughout Dietrich. Not only did they assist by doing the work hands on, they taught us about the process of properly flushing the hydrants. It was a tremendous learning experience.”

DON HEIKEN
MAYOR & CITY OF DIETRICH COUNCIL



Paul Sifford, IRWA Circuit Rider, clearing the sewer lagoon ponds at the City of Cambridge.

Source Water Protection Specialist – Chris Johnson

The USDA-Farm Services Administration Source Water Protection Program provides technical assistance and training to rural communities regarding protection of their source of drinking water. The main goal of the program is to lessen the impact of potential contaminants on public water utilities by developing a plan of action to protect the source. Assistance is also provided for public education, which is generally a strong component of protection programs. About 99% of Idaho’s drinking water utilities are considered “rural,” serving communities with a population of less than 10,000; the average water utility in Idaho serves less than 300. Idaho Rural Water’s Source Water Protection Program provides technical assistance to these rural communities as they work toward protecting vital sources of water.

Rural life in Idaho is centered around agriculture. With source water delineations extending beyond city, county and state boundaries, excessive tillage, restricted crop rotation and overapplication of fertilizers have direct impacts to groundwater quality. Groundwater degradation in one area can harm a rural water utility located miles away, truly making an aquifer “everybody’s” drinking water.

Idaho Rural Water coordinates with local soil and water districts to provide soil demonstrations and literature to agricultural producers on best management practices for tillage, crop rotation and fertilizer application practices. “Good” behavior change, trying to instill behavior and attitudes that are ongoing and permanent and can be measured and monitored, is the ultimate objective of a source water protection program.



Accomplishments in 2019 include:

- Coordinating with communities, local partners, and state agencies to create steering committees or “planning teams” whose goal is protecting drinking water sources.
- Assisting rural communities with developing source water protection plans that are affordable, realistic, and designed to be ongoing and sustainable.
- Assisting utilities and rural communities with the development and implementation of their contingency plans.
- Increasing communication between County Emergency Managers, Local Emergency Planning Teams, and the water/wastewater systems in their area.



Source Water Protection Specialist, Chris Johnson, explains the dangers of high nitrate in drinking water and how to protect aquifers from anthropogenic nitrate loading.



Idaho Rural Water’s FSA program has been working to build its partnership with the Natural Resources Conservation Service and local Conservation Districts. Our goal is to help identify practices that support the conservation and quality of our source water sites throughout Idaho. For source water protection to be successful it is vital that community residents, local land use agencies, and city and county planning and zoning committees are involved in the planning process.

“The Ola Sewer District would like to extend its sincere appreciation to IRWA for the technical assistance and support. Ola is a small, rural community, and the sewer district is tiny – with only five members. Our thanks to Shelley Roberts – CEO, Adrianna Hummer – Water Source Manager, Paul Sifford – Wastewater Circuit Rider, and Kerry Huss – Water Circuit Rider.”

ALAN JACOBUS
SECRETARY/TREASURER OF THE OLA SEWER DISTRICT

Source Water Protection Specialists – Adrianna Hummer and Melinda Norris (to the end of August 2019)

Under the Idaho State Revolving Fund, 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 emergency requests and Maximum Contaminant Level (MCL) violations.

ACCOMPLISHMENTS IN 2019 INCLUDE:

- Assisted in the creation and implementation of Source Water Protection Plans for the City of Stites, the City of Juliaetta, the Pinehurst Water District, the City of Kuna, City of Grand View, City of Lewiston, and the City of McCall.
- Developed and distributed outreach material for numerous public water systems including the cities of Juliaetta, Gooding, Murphy, Paul, Stites, Deary, Potlatch, Teton, Elk City, Yellow Pine, and Kamiah.
- Taught more than 60 students at Shadow Butte Elementary the importance of aquifers and drinking water protection through a fun activity.
- Helped drinking water systems prepare for and respond to emergencies by ensuring they have a Contingency Plan that is current and comprehensive.
- Participated in nitrate testing events in the Emmett Bench and Grand View Nitrate Priority Areas.
- Taught a class to Drinking Water Operators at the IRWA Annual Conference in Boise, Idaho. This class focused on how to identify potential sources of contamination within source delineation areas and how to use that information to protect the public source.

- Participated in the Source Water Protection Collaborative meeting at the State DEQ office on February 28.
- Responded to a drinking water emergency in Harvard that involved loss of their single source drinking water well. Assisted in obtaining alternate sources of water for the community, public notification, facilitated contact with the County Emergency Manager.
- Taught best practices for protecting groundwater to the students enrolled in a "Living on Small Acreage" class, hosted by the University of Idaho Agriculture Extension Office.
- Hosted an exhibitor booth at DEQ's Water Quality Conference with a display on source water protection and groundwater degradation in Idaho.
- Taught a full-day course for operators on emergency management. Class included participation from state and county agency representatives and a simulated exercise about public utility emergencies.
- Participated in the Source Water Workshops hosted by DEQ in each region of the state. Created a display detailing water quality challenges and solutions for each region of the workshop.
- Collaborated with the DEQ state office to teach a Contingency Plan class to the DEQ Regional Source Water Protection staff and the IRWA Source Water Protection staff.
- At the request of the City Water Department, participated in the City of Meridian's "Public Works Expo" where information was provided to the public about source water protection and public utilities.
- Assisted in training regional DEQ Source Water Protection staff how to use the online Source Water Protection Plan and Contingency Plan application.
- Hosted a source water protection and nitrate education booth at county fairs in Gooding, Caribou, Payette, and Owyhee counties.
- Collaborated with Natural Resources Conservation Service to improve cross-jurisdictional source water implementation. Began working with NRCS to promote source water protection to new audiences and local planning groups.



Rural residents with private wells can be equally affected by source water contamination, therefore the Source Water Protection Programs provide free nitrate screenings at multiple locations throughout the year. In 2019, nitrate screenings were offered in southern and eastern Idaho, where groundwater has been negatively impacted by land use (such as fertilizers) and natural contamination (such as arsenic). Idaho Rural Water collaborated with the state environmental agency and local health districts in providing the opportunity for private well owners to have their water screened for nitrate levels and tested for additional contaminants such as bacteria, ammonia, arsenic, and uranium, at a reduced cost.



Idaho Rural Water's SRF Source Water Protection program helps to provide a one-hour "hands on" lesson to 3rd grade school children throughout southern and eastern Idaho. Kids and their teachers get to create an "edible aquifer" in a cup. Using ice cream, soda and ice for the aquifer, a straw to act as a well, and chocolate chips, cookies, powdered Kool Aid and chocolate syrup for the contaminants, children are taught how water moves through the ground and how contamination can occur. Because the cups are clear they get to see "contamination" occur and understand how important their drinking water sources are to their community.

TRAINING PROGRAM

Training & Source Water Manager – Adrianna Hummer; Training Specialist – Neil Palmer (beginning November 2019)

IRWA provides training and technical assistance for drinking water and wastewater operations specialists statewide. Training is provided in two formats: informal, on-site training requests and formal classroom settings. Our training services are available for both Association members and non-members, and are hosted in all geographic regions of the state. It is our goal to provide affordable, viable technical assistance in the areas of rule implementation, regulation and compliance, safety, capacity development, utility operations and maintenance, sustainability, and environmental protection. We take pride in ensuring a well-educated workforce will be protecting the communities of Idaho through the operation of our drinking water and wastewater utilities.

Our training is a crucial resource for drinking water and wastewater operations specialists to obtain CEUs and keep the licenses required for them to do their jobs and continue providing safe drinking water and sanitary wastewater for Idaho residents.

IRWA has received funding intermittently through the Environmental Protection Agency (EPA) for its training program. However, due to the uncertainty of these funds, IRWA has continued its dedication to serving the needs of operations specialists in Idaho by relying on membership fees and internal funds for its training program. When EPA funds are made available, that money is utilized to supplement training.

Due to numerous requests IRWA was proud to partner with Northwest Backflow Educators in 2019. IRWA and Northwest Backflow Educators were able to offer 5 Backflow Assembly Tester (BAT) certification courses and 4 BAT license renewal classes. Each class featured hands-on learning in a wet lab coupled with classroom instruction. Classes were spread throughout the state to ensure all of Idaho had access to this important educational opportunity.

63

CLASS DAYS HOSTED

970

CLASSROOM ATTENDEES

191

OPERATIONS SPECIALISTS
WE HELPED PREPARE
FOR EXAMS

114.5

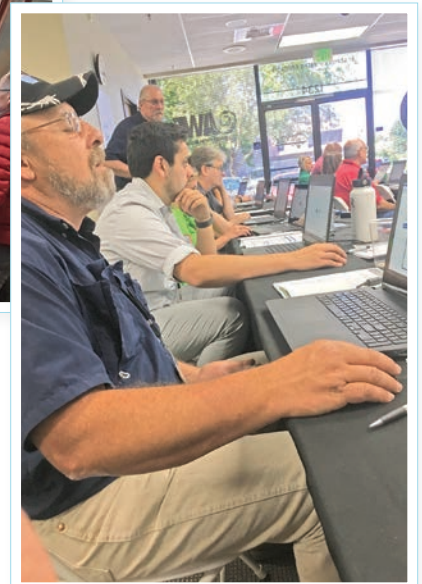
ON-SITE
TRAINING
HOURS

“

I just wanted to once again say how grateful I am for IRWA and EVERYTHING that Paul and Carrie have done to help me with my job transition. You guys have been a really great asset to me and the City of Lapwai.”

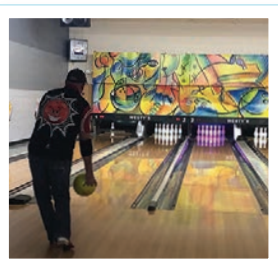
BILL SKILES

PUBLIC WORKS DIRECTOR, CITY OF LAPWAI



Idaho Rural Water Association hosts two conferences annually for the benefit of Idaho's drinking water and wastewater operations specialists. The conferences provide an opportunity for operations specialists to obtain their required on-site continuing education credits (CEUs) over the course of a few days. Exhibitors are on site to present cutting-edge products and technology in the drinking water and wastewater field. IRWA's conferences also offer a venue for operations specialists to discuss issues that affect their profession and to network with other industry professionals. Classes cover a variety of topics, including Operator Safety in the Workplace, GIS Mapping, Trenching Safety, Planning Successful Projects, and Water Law for Utilities.

453
ATTENDEES



IDAHO SEEKS APPRENTICES FOR MAINTAINING SEWER, WATER SYSTEMS

By Steve Stuebner For the Idaho Department of Labor

May 28, 2019, Source: https://www.idahostatejournal.com/business_journal/state/idaho-seeks-apprentices-for-maintaining-sewer-watersystems/article_261d1be0-ec69-582b-9fdf-fe157c9fcb5e.html

Eric Kiel



Safe, plentiful, and affordable drinking water, environmentally sound wastewater treatment, and the people who maintain the systems are some of Idaho’s most precious resources

and something many people take for granted.

“We are encouraging our members to plan for the future,” said Kelsie Cole, apprenticeship coordinator for the Idaho Rural Water Association. “More than half the professionals who oversee or operate Idaho’s drinking water and wastewater facilities are within 10 years or less of retirement. One-third are more than 55 years old. Another 30% are over age 45.”

Cole’s job is to meet the demand for future operators by pairing quality job candidates with a new statewide apprenticeship program involving Idaho cities and communities that operate drinking water and wastewater systems throughout the state.

The association is using a \$30,000 grant from the U.S. Department of Labor to recruit job candidates interested in a career managing Idaho’s drinking water or wastewater systems. What they need is more Idaho cities and communities willing to step up and offer the on-the-job training component of the apprenticeship program.

Six Idaho communities have stepped up so far – the city of Buhl hired two apprentices, and the cities of Carey, Preston, New Plymouth, and Grand View each hired one.

The Idaho Rural Water Association wants to sign up a few more communities to participate and hopes to place an additional 35 people in registered apprenticeships.

“Some of our cities say they don’t know where to find people,” Cole said. “We can help them find apprenticeship candidates. People from all walks of life have expressed interest. What we need are more Idaho communities willing to step up and offer the hands-on training and work experience.”

The association’s apprenticeship program includes two years of training for job candidates through paid positions, typically offering a wage of \$12 to \$20 per hour, depending on location.

Buhl Water Department manager A.J. Gray seized the opportunity to hire apprentices for his community. He also oversees the water systems in Castleford, Hollister, and Rogerson and has two quality people on the job.

“They’re both great kids,” Gray said of his apprentices. “When I saw the apprenticeship program come up, I jumped in quickly. It is a great way for kids to get a foot in the door for a promising career. The experience they gain on the job is so valuable — it’s priceless.”

The College of Southern Idaho – a project partner – offers certificate programs in Water Resource Management. The curriculum includes the classroom training necessary for certification in operating wastewater and drinking water systems, Gray said. In remote locations, where a community college is not nearby, apprentices complete the classroom training online.

CSI’s location in nearby Twin Falls works well for the city of Buhl’s apprentices. The city pays the apprentices to work full time and for the time they spend in the CSI classroom.

“CSI’s water resource management program produced 20 graduates last May, and all 20 found a job right out of school,” Gray said.

Garrett Williams, 20, signed up for Buhl’s water apprenticeship opportunity last year. The city of Buhl pays Williams to learn on the job. Once he completes the program, Williams will receive a Level 2 certification in two years instead of three.

“Yeah, it’s an excellent way to get into this field,” William said. “I like being able to go to CSI and not worry about how I’m going to pay for it.”

Once an apprentice completes an apprenticeship, many host companies hire them full time. Nationally, apprenticeship sponsors hire 87% of the people who participate in their training programs.

According to John Russ, former state apprenticeship coordinator at the Idaho Department of Labor, the number of registered Idaho apprenticeships has doubled in the last two years. Today, these registered apprenticeship programs produce competent, job-ready workers with detailed knowledge, specific skill sets, and job proficiency.

Drinking and wastewater systems are complex to manage, Cole pointed out, and they require a great deal of experience and expertise to maintain 24 hours a

day, seven days a week. Communities that run drinking water and wastewater systems need to plan ahead to ensure they can train qualified people to keep their systems running.

"It takes years of on-the-job experience and education to obtain the skills, knowledge, and licensure to properly operate a drinking water or wastewater utility," Cole said. "New advancements in water treatment and supply technology increase the skills and training necessary for protecting public health and the environment. A combination of on-the-job training and classroom education makes the registered apprenticeship program an excellent fit for our industry."

According to Russ, the Association's apprenticeship program is a great opportunity for job seekers interested in a career protecting Idaho's environment and water. Apprenticeships can lead to a long-term job in an industry that generally pays well and has a history of employees who work there for many years or even decades.

"Sponsored apprenticeships are good for rural Idaho," Russ said. "They allow Idahoans to work in scenic mountain locations where good-paying jobs are not always easy to find."

"It's a gateway to a great career," Cole said.

At a minimum, Cole said applicants need a high school degree or equivalent to participate in the association's program, which includes 288 hours of classroom instruction and 4,000 hours of on-the-job training to become a certified journey-level operations specialist.

Successful candidates are responsible for finding their own housing. Those with military experience can use the GI bill to help with housing costs.

Businesses that wish to sponsor a registered apprentice should visit ApprenticeshipIdaho.gov.

Idaho cities, counties, and job seekers interested in Idaho Rural Water Association's apprenticeship program should contact Kelsie Cole at 208-343-7001 or kcole@idahoruralwater.com or visit idahoruralwater.com.

IRWA SUPPORTS THE RURAL WORKFORCE THROUGH APPRENTICESHIP

Similar to many industries, 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 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. In

"Recently, the City of Cambridge entered into an agreement with IRWA to contract with the city to provide water & wastewater operations services as we were unable to hire a public works employee with certifications. They were able to help our small community with limited funds continue services to our citizens. Additionally, we signed up for their Apprenticeship Program to help our new employee get the critical knowledge needed to provide water and wastewater services."

JACK TOOTHMAN
Mayor, City of Cambridge

addition, recent advancements in water treatment and supply technology have increased the skills and training needed to protect public health and the environment. The combination of on-the-job training and classroom education make the registered apprenticeship program an excellent fit for our industry.



Governor Little signs a proclamation celebrating National Apprenticeship Week. Kelsie Cole and Carrie Gilstrap of IRWA are pictured to the left.

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.

PROGRAMS OFFERED:

Apprenticeship Program: Prepares apprentices to sit for Class II license testing at the completion of the two-year program.

Advanced Apprenticeship Program: Prepares apprentices to sit for Class III license testing at the completion of the two-year program.

IRWA has 11 apprentices in the program:

- American Falls
- Buhl (2)
- Cambridge
- Carey
- Fairfield (2)
- Genesee
- New Plymouth
- Nez Perce
- Smelterville

For more information, you can contact IRWA's Apprenticeship Coordinator, Kelsie Cole, at kcole@idahoruralwater.com.



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



Jeff Cook, Drinking Water Circuit Rider, IRWA Support Services – Gary Sievers, Drinking Water Circuit Rider, IRWA Support Services – Paul Sifford, Wastewater Circuit Rider, IRWA Support Services – Craig Sturman, Wastewater Circuit Rider, IRWA Support Services – Kerry Huss, Drinking Water Circuit Rider, IRWA Support Services – Chris Johnson, Source Water Protection Specialist, IRWA Support Services

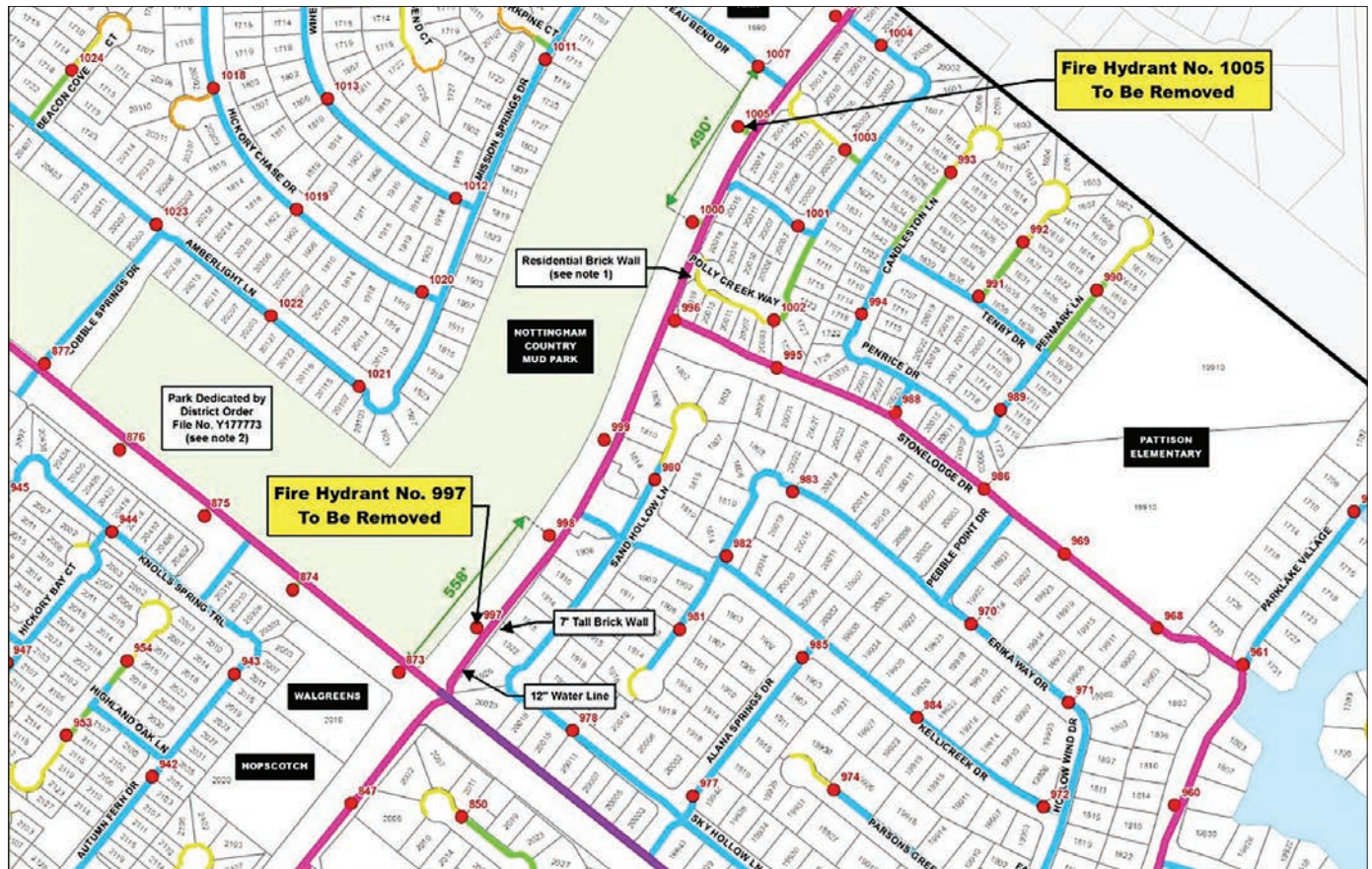
IRWA Support Services, LLC was formed in 2014 to provide more extensive technical assistance and industry-related services than our funded programs were able to offer. IRWA members can contract with IRWA Support Services for economically priced, mission critical services such as:

- GIS mapping and leak detection*
- Water audits and conservation planning
- Water and wastewater utility rate reviews and analysis
- Budgeting assistance and peer review of system rate analysis
- Financial/treasury services including initial set-up and special projects
- Periodic financial oversight to facilitate segregation of duties
- Financial audit preparedness assistance
- Back-up operations (dependent on location, licensing level, and level of service)
- Emergency service assistance and program development
- Policy and procedure set-up, training, and assistance
- 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

ACCOMPLISHMENTS IN 2019 INCLUDE:

- Provided bookkeeping services and customer service for Malad and Hilton Water Company
- Performed utility rate study for the City of Cambridge
- Provided GIS mapping services for King Hill Domestic Water & Sewer Users Association Inc.
- Completed Consumer Confidence Reports for 30 water utilities to satisfy a requirement of the Safe Drinking Water Act and to help keep customers informed about their drinking water
- Provided duck weed removal service to Syringa Mobile Home Park and the City of Cambridge

*IRWA Support Services is proud to offer GIS mapping services to help our member utilities operate more efficiently.



Example of mapping capabilities with GIS services.



Excitement builds at the Groundbreaking Ceremony on August 8, 2019.

IRWA BREAKS GROUND FOR TECHNICAL TRAINING FACILITY

By Carol Booth (<https://www.nrwa.org>)

Idaho Rural Water Association (IRWA) broke ground on its almost 11,000 square foot Technical Training Center located in Boise, Idaho on August 8, 2019.

This facility will be used to train incoming apprentices and help with emergency response hands-on education that will benefit small communities and rural areas all across Idaho. It will house both indoor and outdoor areas to accommodate classroom-style coursework and practical field training.

“By establishing a workforce training center, Idaho’s rural communities will have a dedicated source of trained workers prepared to take on the management and challenges associated with rural water infrastructure,” U.S. Senator Mike Crapo said as he previously commended IRWA for putting together a highly-merited proposal deemed worthy of investment by the Economic Development Administration.

In October 2018, U.S. Economic Development Administration (EDA) awarded a \$1.4 million grant to IRWA. The remaining financial support is provided by the U.S. Department of Agriculture (USDA) Rural Development’s Community Facilities Loan Program.

When the announcement of the award came out, U.S. Senator James Risch (ID) stated, “This investment will create jobs and energize rural water in Idaho and the industries it supports. I look forward to seeing the positive impact it has on our community and business development for years to come.”



Shovel-ready representatives: L to R – William (Brad) Richy, Director of the Idaho Office of Emergency Management, Idaho Military Division; Layne R. Bangerter, State Director of Idaho, USDA Rural Development; Shelley Roberts, CEO, Idaho Rural Water Association; Robert Dial, Board President, Idaho Rural Water Association; Silvia Morrow, VP Branch Manager, D.L. Evans Bank; Scott Henderson, Construction Manager, Pacific Source Construction; John Russ, former Area Manager, Idaho Department of Labor; and Martin Hahle, AIA, President, CSHQA.

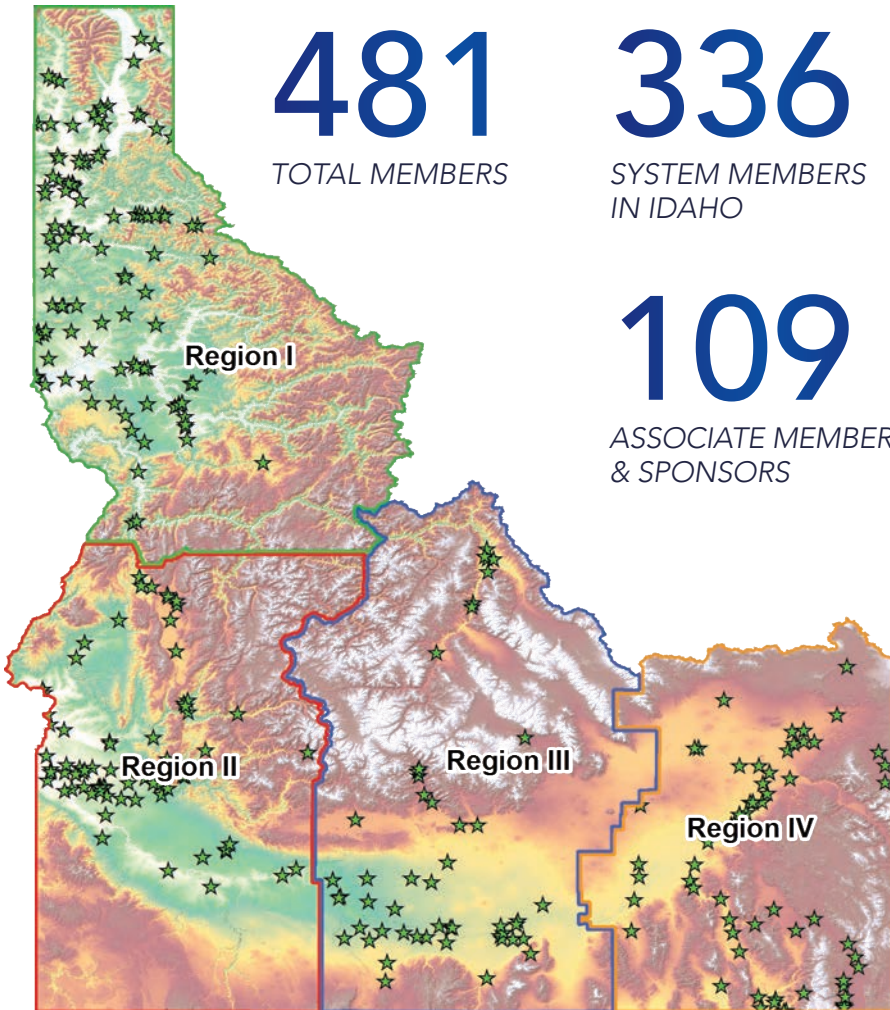
Sen. Risch’s Regional Director, Rachel Burkett, attended the Groundbreaking Ceremony alongside Casey Atteberry, State Director of Agriculture for U.S. Senator Mike Crapo, and Dirk Mendive, Regional Director for U.S. Representative Russ Fulcher.

“After many years of hard work and determination by the IRWA staff and Board of Directors, the vision of providing superior training opportunities for professionals in the drinking water and wastewater industry can now become a reality,” Shelley Roberts, IRWA CEO, stated as she thanked everyone who has been a part of this dream.

Those who have been most involved in this project participated in the ceremonious groundbreaking with shovels that includes: William (Brad) Richy, Director of the Idaho Office of Emergency Management, Idaho Military Division; Layne R. Bangerter, State Director of Idaho, U.S. Department of Agriculture Rural Development; Shelley Roberts, CEO Idaho Rural Water Association; Robert Dial, Board President, Idaho Rural Water Association; Silvia Morrow, VP Branch Manager, D. L. Evans Bank Scott Henderson, Construction Manager, Pacific Source Construction; John Russ, Area Manager, Idaho Department of Labor; and Martin Hahle, AIA, President CSHQA.

“We are currently looking to upgrade facilities to make the system more sustainable and have once again turned to Idaho Rural Water for help. Completing the labyrinth of various loan applications is tricky and confusing. Having Idaho Rural Water as a resource is critical.”

ED KATZ, CHAIRMAN
Cabinet Mountains Water System



481
TOTAL MEMBERS

336
SYSTEM MEMBERS
IN IDAHO

14
SUPPORT MEMBERS

109
ASSOCIATE MEMBERS
& SPONSORS

13
INDIVIDUAL MEMBERS

9
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.

REGION 1 SYSTEM MEMBERS

- Acadia Property Management, LLC/
Appaloosa Court
- Ahsahka Water & Sewer District
- Albeni Falls Dam (U S Army Corps of
Engineers)
- Alpine Meadows Water District
- Athol, City of
- Avery Water & Sewer
- Avista Corp Cabinet Gorge Dam
- Avondale Irrigation District
- Bayview Water & Sewer District
- Bennett Lumber Products, Inc.
- Bonnars Ferry, City of
- Boulder Creek Academy
- Bovill, City of
- Cabinet Mountains Water District
- Calder Water Association
- Cataldo Water District
- Cave Bay Community Services Inc.

- Central Orchards Sewer District
- Central Shoshone County Water District
- Chateaux Water Association
- Clark Fork, City of
- Clarkia Water & Sewer District
- Clearwater Water District
- Coeur d'Alene Tribal Casino
- Cottonwood, City of
- Cougar Creek Water Users Association
- Cougar Ridge Water & Sewer District
- Country Homes Mobile Park
- Craigmont, City of
- Crow's Nest Coop Water Assoc
- Culdesac, City of
- Dalton Water Association, Inc.
- Deary, City of
- Dover, City of
- East Hope Water
- 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
- Farragut State Park
- Federal Cartridge Company
- Fenn Water & Sewer District
- Ferdinand, City of
- Genesee, City of
- Grangeville, City of
- Greenferry Water & Sewer District
- Harbor View Estates Water & Sewer District
- Harrison, City of
- Hauser Lake Water Association, Inc.
- Hayden Lake Irrigation District
- Hecla Limited Lucky Friday Mine
- Helmer Water and Sewer District
- Hidden Village Mobile Home Court
- Highway 54 Water Association
- Hoodoo Water & Sewer District

Hope, City of
 Judgetown Water & Sewer District
 Juliaetta, City of
 Kamiah, City of
 Kellogg, City of
 Kendrick, City of
 Kidd Island Bay Lots Sewer District
 Kingston Cataldo Sewer District
 Kingston Water District
 Kooskia, City of
 Kootenai County Water District #1
 Kootenai School District #274
 Kootenai-Ponderay Sewer District
 Laclede Water District
 Lacon Water Co Op
 Lapwai, City of
 Lawyers Creek Water District
 Leisure Park Home Owners Association
 Lewiston, City of
 Mcguire Estates Water Users Association Inc.
 Moose Draw Association Inc.
 Moscow, City of
 Mountain Springs Water Corp
 Moyie Springs, City of
 New Hope Water Corp
 Nez Perce Tribe
 Nezperce, City of
 North Kootenai Water and Sewer District
 North Tomer Butte Water & Sewer District
 Onaway Water & Sewer Association
 Orofino, City of
 Outlet Water Association
 Panhandle Village Water
 Paradise Valley Water Association, Inc.
 Peck, City of
 Pierce, City of
 Pine Ridge Water & Sewer District
 Pinehurst Water District
 Pleasant Acres Water & Sewer
 Plummer, City of
 Post Falls, City of
 Potlatch, City of
 Priest River, City of
 Princeton-Hampton Sewer District
 Rapid River Water & Sewer District
 Rathdrum, City of
 Remington Water District
 Riggins, City of
 Riverside Water & Sewer District
 Rose Lake Water Association Inc.
 Sagle Valley Water & Sewer District
 Salmon River Ranger District
 Santa-Fernwood Water and Sewer District
 Schweitzer Utility Company

Silverwood Theme Park
 SM Utilities
 Smeltonville, City of
 South River Water Association
 Southside Water & Sewer District
 Spirit Bend Water Association
 Spirit Lake, City of
 St Maries, City of
 Stites, City of
 Syringa Heights Water District
 Tensed, City of
 Trow Creek Water Association
 Troy, City of
 University of Idaho/ Physical Plant
 USFS North Idaho Forests
 Village 21 Water District
 Waha Glen Water District
 Wallace, City of
 Weippe, City of
 West Bonner County School District 83
 West Bonner Water & Sewer District
 White Bird, City of
 Winchester, City of
 Worley, City of

REGION 2 SYSTEM MEMBERS

Bogus Basin Rec Area
 Bonnie Laura Water Corp
 Brundage Mountain
 Bruneau Water & Sewer District
 Caldwell Housing Authority
 Caldwell, City of
 Cambridge, City of
 Cascade, City of
 Castle Mountain Creeks Owners Association
 Champion Home Builders
 Council, City of
 Covert Water Users Association
 Crouch, City of
 Cti-Ssi Food Services, LLC
 Desert View Estates Water Corp
 Donnelly, City of
 Drake Water & Irrigation
 Duquette Pines Homeowners Association
 Eagle, City of
 East Lizard Butte Water Corporation
 Evans Water Corporation & Home Owners
 Assoc.
 Fruitland, City of
 Garden City, City of
 Garden Valley School District
 Glenns Ferry, City of
 Grand View, City of
 Homedale, City of

Horseshoe Bend, City of
 Idaho City, City of
 Indian Village Water Users Association
 Jug Mountain Ranch Subdivisions
 Karney Lakes Club, Inc.
 King Hill Domestic Water &
 Sewer Users Assoc., Inc.
 Kuna, City of
 Lakeview Water Co, Inc.
 Lowman Ranger Station
 Malad and Hilton Water Co. Inc.
 Marsing, City of
 Meadows Water Co., LLC
 Melba, City of
 Mellen Subdivision Water District
 Meridian Water Department
 Middleton, City of
 Midvale, City of
 Mores Creek Rim Ranches Water District
 Mountain Home, City of
 Mountain Shadows HOA
 Murphy Water System/Owyhee County
 Nampa, City of
 New Meadows, City of
 New Plymouth, City of
 Notus, City of
 O.K. Water Association
 Par Estates Homeowners Association
 Parma, City of
 Payette Lakes Recreational Water & Sewer
 District
 Payette, City of
 Project Patch
 Riverland Terrace Nonprofit Water Corp
 Roswell Water Users
 Sawtooth Estates Water Users Association, Inc.
 Scenic Properties Water Association
 Scriver Woods Homeowners Association
 Shamrock Villa Water Association
 Silver Sage Real Estate Property Owners
 Southwest Idaho Treatment Center
 Splendid Acres Water Association
 Star Sewer & Water District
 Sunnyridge Water Corporation #3
 Terrace Lakes Water Company
 The Amalgamated Sugar Company LLC
 The Jughandle Corporation
 Vallivue School District #139
 Weiser, City of
 Wilder, City of
 Wilderness Ranch Owners Association
 Woodview Acres Property Owners
 Yellow Pine Water Users Association

**OUR MEMBERSHIP****REGION 3 SYSTEM MEMBERS**

Albion, City of
 Arco, City of
 Aspen Hollow Homeowners Association
 Atlanta Water Association, Inc.
 Bellevue, City of
 Bliss, City of
 Buhl, City of
 Burley, City of
 Carey, City of
 Cassia County School District #151
 Castleford, City of
 Challis Joint School District #181
 Challis, City of
 Clover Trinity Lutheran Church
 Declo, City of
 Dietrich, City of
 Eden, City of
 Elk Bend Mutual Water Co. Unit #1
 Evaqua Farms LLC
 Fairfield, City of
 Filer, City of
 Gooding, City of
 Hagerman, City of
 Hailey, City of
 Hansen, City of
 Hazelton, City of
 Heyburn, City of
 Hollister, City of
 Jerome, City of
 Ketchum, City of
 Kimberly, City of
 Mackay, City of
 Minidoka County Schools #331
 Minidoka, City of
 Murtaugh, City of
 Oakley, City of
 Paul, City of
 Picabo Livestock Co Inc.
 Richfield, City of
 Rogerson Water District
 Rupert, City of
 Salmon River Meadows Mutual Water
 Salmon, City of
 Shoshone, City of
 Springdale Acres HOA
 Stanley Sewer Association
 Sun Valley Water & Sewer District
 Sunset Heights Water District
 Twin Falls, City of
 Valley Club Owners Association
 Wendell, City of
 Williams Lake Water & Sewer District

REGION 4 SYSTEM MEMBERS


Aberdeen, City of
 American Falls, City of
 Ammon, City of
 Arimo, City of
 Ashton, City of
 Atomic City, City of
 Bailey Creek Community Association
 Bancroft, City of
 Basalt, City of
 Bear Lake West Property Owners
 Association
 Bennington Water System
 Birch Creek Culinary Water Company
 Bloomington, City of
 Bonneville Joint School District #93
 Caribou Acres Water Company
 Dayton, City of
 Downey, City of
 Driggs, City of
 Dubois, City of
 Fairview Water District
 Falls Water Company, Inc.
 Firth, City of
 Franklin, City of
 Fremont County Sewer
 Georgetown, City of
 GPOD of Idaho
 Grace, City of
 Greenfield Water & Sewer District
 Idaho Department of Juvenile Corrections –
 St. Anthony
 Idaho Supreme Potatoes
 Inkom, City of
 Iona, City of
 Island Park Village Association
 Lacey's Vista Acres Water Corp
 Lava Hot Springs, City of
 M & T Water & Sewer
 Madison School District #321
 Malad, City of
 Marsh Valley School District #21
 McCammon, City of
 Menan, City of
 Montpelier, City of
 Newdale, City of
 Paris, City of
 Preston, City of
 Reed's Dairy, Inc.
 Rigby, City of
 Ririe, City of
 Ritewood, Inc.
 Roberts, City of
 Rockland, City of

Shelley, City of
 Shoshone Bannock Tribe,
 Attn: Tribal Utilities
 Simplot Food Group
 Simplot Food Group
 Snake River School District
 Soda Springs, City of
 South Park Estates Water and Sewer
 St Anthony, City of
 St Charles, City of
 Strawberry Mink Creek Water Association
 Sugar City, City of
 Teton, City of
 Teton, City of
 Thunder Canyon Estates
 Owners Association
 Township Park Estates
 Ucon, City of
 Valley View Estates Water Users Association
 Victor, City of
 West Jefferson School District/
 Terreton High School
 Weston, City of

OUT-OF-STATE SYSTEM MEMBERS




Aspens Pines Water & Sewer District
 Bear Lake East, Inc.
 East Shore Water Company
 Fairfield Water Department
 Harmon Property Owners Association
 Rockford, City of
 Shoshone-Paiute Tribe of The Duck Valley
 Indian Reservation
 Teton Village Water & Sewer District
 Trapper Trails Council, BSA:
 Camp Aspen Ridge (#6210008),
 Camp Bartlett (#6040008)

ASSOCIATE MEMBERS & SPONSORS

Ackerman Estvold
 Advanced Control Systems 
 Advanced Pump & Equipment, Inc.
 Ambiente H2O Inc.
 American Flow Control
 American Leak Detection of Boise
 American Leak Detection of The ILNW
 (Inland Northwest)
 Ameriwest Water Services Inc.
 Analytical Laboratories, Inc.
 Anatek Labs
 Apsco LLC
 Aquadrone Marine Services
 AY McDonald Manufacturing Company
 BioLynceus Environmental Solutions

OUR MEMBERSHIP

Black Mountain Software, Inc.
 C H Spencer & Company
 Cascade Earth Sciences
 CIMCO
 Clearwater Economic
 Development Association
 Consolidated Supply
 Convergint Technologies
 Copperhead Industries LLC
 Core & Main
 Cues
 Diamond Maps
 Digline, Inc.
 Ditch Witch of The Rockies
 DN Tanks, Inc. 
 Dorsett Technologies
 Drake Mechanical Inc.
 EA Tanks
 EJ
 Emerson Automation Solutions
 Energy Management
 Enviro-Clean Intermountain, LLC
 Ferguson Waterworks
 Ford Meter Box Co.
 Forsgren Associates Inc.
 Furrow Pump
 GC Systems, Inc.
 General Pacific, Inc.
 Goble Sampson Associates
 Great West Engineering, Inc. 
 H D Fowler Company
 Harper-Leavitt Engineering Inc.
 Heco Engineers
 High Country Fusion Company
 Hose Solutions
 Hydro Specialties Company
 Hymax By Krausz
 ICRMP 

Idaho Central Credit Union
 Integrity Inspection Solutions, Inc.
 isiWest 
 J-U-B Engineers, Inc.
 Keller Associates
 Lamb Weston/ Conagra Foods
 Laura Schroeder Law Offices PC
 M & H / Kennedy Valve
 Maguire Iron, Inc.
 Master Meter, Inc.
 McWane Ductile
 Mission Communications
 Mountain Waterworks 
 Mountain West Waterworks
 Neptune Technology Group
 Nicor, Inc.
 One.7, Inc.
 Oxarc
 Pipeline Inspection Services, Inc. 
 Precision Pumping Systems
 Prestige Worldwide Technologies LLC
 Probiotic Solutions
 PumpTech, Inc.
 Rain For Rent
 Robertson Supply, Inc./The Pump House
 Rocky Mountain Valves & Automation
 Romac Industries
 RootX
 Rubicon Applied Divers
 Sage Supply
 Sensus USA
 Sherwin Williams
 SpectraShield Liner Systems
 SPF Water Engineering
 Subsurface Leak Detection
 SWS Equipment, Inc.
 Tap Master Inc.
 TC Sales & Service




TD&H Engineering
 Tnemecc - Call Coating Consultants
 T-O Engineers
 United Rentals Trench Safety
 USABlueBook
 Utility Management Systems
 Utility Services Associates, LLC
 Val Kotter & Sons, Inc.
 Vermeer Rocky Mountain, Inc.
 Vision Municipal Solutions
 Water Utility App
 Waterford Systems
 W-Cubed
 Western Engineering
 Western States Automation
 Western States Cat
 Western Systems and Fabrication
 Wetco Inc.
 Xylem Dewatering Solutions
 Zenner USA

SUPPORT MEMBERS

Basic American Foods
 Betaseed Inc.
 Blackfoot, City of
 Chubbuck, City of
 Clear Springs Foods, Inc.
 Coeur d'Alene, City of
 Eastern Idaho Regional
 Wastewater Authority
 Idaho Falls, City of
 Idaho National Laboratory
 Idaho Power Company
 Lewiston Orchards Irrigation District
 Pocatello, City of
 Sandpoint, City of
 Water Systems Management

INDIVIDUAL MEMBERS

Scott Archibald
 Carla Berg
 Jack Brown
 Bill Carr
 Michael Curtis
 Mike Galante
 Shelly Hammons
 Matt Hightree
 Duwayne Kimball
 Thomas Krasowski
 Keith Miller
 Robert "Reid" O'Connor
 Greg Wood

 **Diamond Sponsor**  **Sapphire Sponsor**  **Opal Sponsor**



Sunset in Emmett Valley. Photo by IRWA Staff.

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.



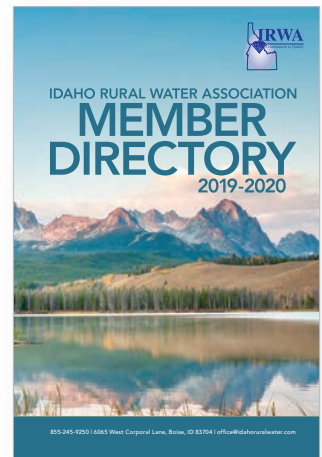
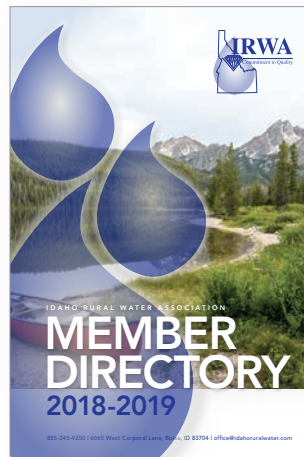
TRAINING & EVENTS CALENDAR

These calendars are mailed to every licensed water and wastewater operations specialist in the state! We recently distributed 3,300 copies for 2020.



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 2019, we provided 925 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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