



# MOUNTAIN STATE WATER LINE

*A Publication of the West Virginia Rural Water Association*

## Winter 2023

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- ◆ **Sustainability's Most Important Asset**
- ◆ **Water You Doing in March**



# WEST VIRGINIA RURAL WATER ASSOCIATION



## Winter 2023

## Articles and Features



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**NRWA**<sup>™</sup>

West Virginia Rural Water Association, WVRWA, is a non-profit organization of rural and small publicly owned water and wastewater systems. The vision of the WVRWA is to be the recognized leader and respected voice for water and wastewater systems. The mission or purpose of WVRWA is to provide and promote the highest level of utility service, technical assistance, training, and advocacy for all West Virginia water and wastewater systems.

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Water and wastewater operators registering for e-Learning courses will have a menu of courses from which to choose. We are constantly adding and updating courseware to reflect changing industry needs and regulations. For more information, you can visit [www.wvrwa.org](http://www.wvrwa.org) or contact the office at 800-339-4513. Some of the available courses are shown below.

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Basic Environmental Chemistry	10	Water/WW	\$180
Small Water Systems I	5	Water	\$100
Chlorinator Systems & Chemical Handling	10	Water/WW	\$180
Water Transmission and Distribution	10	Water	\$180
Practical Personnel Management	7	Water/WW	\$125
Water Utility Calculations	10	Water	\$180
Pumps & Motor Maintenance	10	Water/WW	\$180



# The Best Bang for Your Buck

**W**ater infrastructure includes all that is built to pump, divert, transport, store, treat, and deliver safe drinking water to all homes, businesses, and industries. In the United States, this infrastructure consists of limitless numbers of groundwater wells, surface-water intakes, dams, reservoirs, storage tanks, drinking-water facilities, pipes, aqueducts, and valves.

Wastewater infrastructure includes a vast network for the collection, treatment, and disposal of wastewater from homes, businesses, industries, and other sources. It consists of an immense network of pipes, pumps, valves, and lift stations that move the wastewater to treatment plants for proper and environmentally clean discharge into our streams and waterways. The level of wastewater infrastructure depends on the size of the community, the type of discharge, volume of wastewater, and the designated use of the receiving water.

Our water and wastewater infrastructure are one of the biggest

problems that we face because the average age of America's 1.6 million miles of water and sewer lines are approximately 45 or more years old, and cast-iron pipes in at least 600 towns and counties are more than 100 years old.

I know that I am preaching to the choir, but how many times have you repaired that water leak and two or more pop out? Then you repair those, more leaks pop out, and on, and on, and on. The point I'm try to make is something I just don't understand and it has bugged me ever since I have been in the water and wastewater business. There are several systems out there that are doing upgrades to their treatment facilities and systems. New treatment plants, filtration, intakes, pumps, etc., but it seems that not many are upgrading their water and sewer mains.

So, we turn on the tap, take a shower, wash our hands, and the water comes out. We flush our commode, the water drains from the sink or tub, and we are good. Out of sight, out of mind. All it

takes is less than a second for a water or sewer line to break. We could be out of water for days, or may have to go somewhere else for number 2, possibly into the woods. That is not good!!

Why do we have upgrades to our systems? To be more efficient, handle a higher volume of water at less than half the cost? Why are we doubling the size of our pumps, adding more customers with line extensions, extra boosters, and lift stations, bigger and better holding tanks? As operators, we want to be the best that we can be and produce an end product that we can be proud of. Your new treatment plants can produce a great, clean, and environmentally safe water or wastewater, but if you still have those 45 to over 100-year-old pipes, then you are going to be right back out there repairing more leaks than ever due to a new higher volume of production.

The next time your system plans an upgrade, let's get the "BEST Bang for Our Buck" and replace those main lines ALSO! ■



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December 12, 2022

The Honorable Alan R. Haught  
Board of Directors  
West Virginia Rural Water Association  
100 Young St.  
Scott Depot, WV 25560

Dear Alan,

It has been an honor to represent West Virginia in Congress for the past twelve years. I have particularly enjoyed the opportunity to work with you and the West Virginia Rural Water Association to improve the quality of life for the communities we represent.

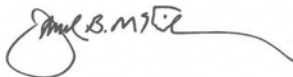
As I've traveled the state and met with thousands of West Virginians, the need for access to clean and reliable drinking water has been a consistent refrain. As a result, we made it a priority to provide the resources needed for communities to maintain and improve their water and sewer systems.

The culmination of this work was the passage of the bipartisan infrastructure bill last year. The infrastructure bill provides early \$500 million in funding to modernize West Virginia's sewer and water infrastructure. I was proud to support this transformational investment.

We have also worked with communities large and small to support water and sewer projects through the appropriations process. Utilizing the revamped community funded projects process, we have ensured West Virginia has a say in ensuring worthy projects are funded, not bureaucrats in Washington, DC. While we have been criticized for taking advantage of this tool, I know it's the right thing to do.

Thank you for the support and guidance you have offered over the years. Best wishes to you and the West Virginia Rural Water Association for a productive meeting.

Best,



David B. McKinley, P.E.  
Member of Congress

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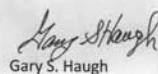
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WV Rural Water Association  
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October 10, 2022

The Town of Cairo appreciates the recent assistance of Michael Hershman with determining if we had a water line break.

Thank you!



Gary S. Haugh

Mayor

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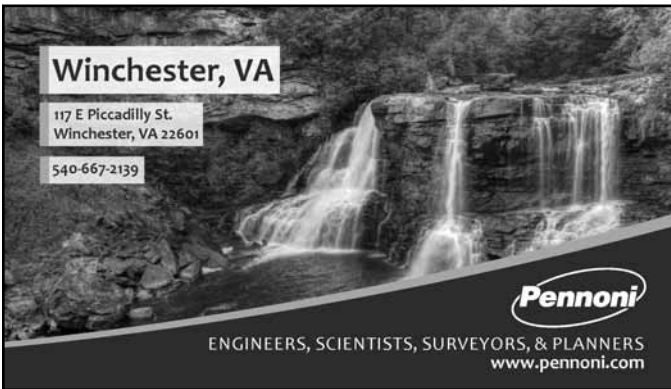
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By Jim Johnson, Wastewater Technician

# Why Attend a Water/Wastewater Trade Show

This is just my opinion, of course, but I love to go to trade shows. It seems like every time I attend a trade show, I learn a lot of things I did not know. One will also meet many people you did not know, as well as renew friendships with people in the industry you have not seen for a long time. Trade shows are a good place to make connections and friends that might one day help you solve a problem at your system. You may also help someone you meet solve an issue at their system. I just think the trade show can be a complete learning and educational experience in which more operators should take advantage of. I, as well as pretty much all of my WV Rural Water Association colleagues, mainly attend three trade shows each year.

The first one we attend is the WV Construction and Design Expo. This is held at the Charleston Civic Center every March. This year, the Expo will be on March 22 and 23. The show features several vendors who specialize in water and wastewater products. Many operators, general managers, board members, and regulators representing water and wastewater systems always attend the Expo. There are always some training classes going on where water and wastewa-

ter professionals can pick up some continuing education hours or learn more about an interesting subject or new technology. The Expo is definitely worth taking the time to attend for water and wastewater professionals.

West Virginia Rural Water Association also puts on our own trade show, Water on the Mountain. The show will be held at Oglebay Resort this year. Water on the Mountain features an excellent exhibit hall with many exhibitors all geared toward the water and wastewater industry. You can pick up a lot of information on many products. Some of the products are new to the industry, while many have been in the industry for years. You can meet with a lot of nice and knowledgeable people. You will also have the chance to network with industry professionals, such as regulators, operators, board members, and decision makers. There will be several sessions for learning and continuing education hours. We always have some fun activities planned, so it's not all business. This is a very enjoyable, as well as, a great learning experience. Water on the Mountain 2023 will be August 12-16.

We also attend the WaterPro Conference. In 2023, the WaterPro Conference will be held in Aurora,

CO. The WaterPro Conference is known as the industry event of the year. This event will have many informative sessions for attendees to obtain industry knowledge. They always have somewhere near 60 educational sessions at this event, so there are a lot of choices, depending on what needs you would have at the time. There is plenty of time to network with peers at the conference, as well as an excellent exhibit hall to meet with vendors and learn about something new or something new to you. The WaterPro Conference is attended by board members, state association members, state association staff, utility managers, manufacturer representatives, government representatives, lending institutions, and a large number of decision makers.

There have been many advances in technology over the past several years. Instead of only networking events, trade shows are becoming immersive events that arouse and educate attendees. Wastewater equipment manufactures are also taking advantage of trade shows. They especially want to show off any new and innovative products. I believe trade shows are just a great overall learning experience. It is worth the time for water and wastewater professionals to take in a trade show from time to time. ■

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# Planning for Contamination Threats and Incidents

The time is three in the morning and you just received a call from a well-spoken, calm, and educated sounding person that your water system has been contaminated. Do you know how to determine if the threat is possible? Do you know how to determine if the threat is credible? And what steps do you take to confirm the threat? These are difficult questions that take a lot of preparation and planning to answer. The utility needs to incorporate the response and mitigation actions of an intentional or accidental contamination into their emergency response plans (ERP). Most utilities have an ERP that covers power failures, natural and manmade disasters, and other events, but not many ERPs include how to respond to waterborne contaminants and an intentional threat of contamination.

There are many potential consequences of intentional contamination such as illness and death, public panic, reduced public confidence in the water supply, disruption in water supply operations, damage to infrastructure, and cost of recovery and remediation. Is it possible to intentionally contaminate a public water supply and cause serious results? "A general assessment of the threat of intentional contamination of drinking water indicates that it is possible to cause varying degrees of harm by contaminating a water system." There are many types of

contaminants that have the potential to produce widespread death or illness in the general population; some examples are pathogens, biotoxins, toxic chemicals, microbial contaminants, inorganic and organic chemicals, and chemical weapons such as nerve agents and vesicants.

Is an intentional contamination event probable in my utility? Well, determining probability of a contamination event is difficult. Determination may be based on current intelligence and history of threats and incidents. There has been a reported increase in the interest of various terrorist groups in weapons of mass destruction (WMD) including biological and chemical contaminants. Some intelligence information indicates that terrorist organizations have considered water infrastructure as a possible target. Thus, the potential for such an incident does exist.

"I'm just a utility, why do I need to do anything at all?" Utilities play an essential role in providing safe and reliable drinking water. Both contamination threats and incidents deeply impact the public health mission of water utilities. The guiding principle is "due diligence," which is a suitable and sensible response. Some response is warranted due to public health implications of contamination. Ultimately, the answer must be decided at the local level.

(An important consideration is risk comfort level of local decision officials.)

Here are some United States Environmental Protection Agency (USEPA) recommendations on how to prepare for a contamination incident or threat.

1. Know your system
2. Include intentional contamination scenarios in the ERP
3. Develop utility specific response guidelines
4. Establish a structure for incident command
5. Develop an information management strategy
6. Establish a communication and notification strategy
7. Conduct training and desktop/field exercises
8. Enhance physical security
9. Establish a baseline monitoring program
10. Utilize and understand on-line monitoring

As a utility, you cannot prepare for every type of threat or incident. But you can incorporate the concept of "due diligence" in responding to events in you system. You can train your employees to be vigilant and to make security a part of their everyday operation. Continue to look for ways to enhance physical security. The more tools, resources, and training that you have will better prepare you to deal with a threat or incident. ■

# New Initiative in 2023



In 2023 Extreme Endeavors is starting a new business initiative, our budget is focusing on Research to Lower the Cost of Automation. This involves partnerships with organizations and companies from almost every continent, with benefits being driven back into West Virginia. Due to the material shortages and increase in cost, we thought there has to be a better way, and we want to use our innovation to help you save. We would enjoy talking with you about this new initiative!

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# Sustainability's Most Important Asset

**D**uring my first few months working with WV Rural Water, I have managed to visit over 100 systems within the state. Very small systems with less than 200 customers, some with a couple thousand customers, a few with upwards of 8-9000 customers, and some with only a collection system. I have noticed that one thing stands out to me more than anything else. It's not how much money the systems have, how large or small their systems are, or even how new the technology is at the treatment plant.

It's the dedicated people that work for that system. Sometimes, it's the office manager that keeps the place running, the general manager whose desk is stacked up two feet with paperwork, and, most importantly, the operators. Some operators at small systems also read meters, relieve operators at the water plant, work on water leaks or sewer blockages, and, of course, maintain the wastewater plant.

The smaller systems usually don't have the latest and greatest equipment to help them perform their work. They make do with what they have, which is, sometimes, very little. Some small towns may only have 2-3 employees to take care of the water plant, sewer plant, collection system, distribution system, and read meters.

On the other end, of course, are the bigger systems that have employees in certain departments that

handle the different aspects of that system. A lot of the bigger systems do in fact help out the smaller systems when needed, usually for free, which is a great thing that should happen more often when possible. It can be really nice when the bigger system a few miles down the road can bring their sewer truck to help with a blockage, or bring their crane truck to pull a pump in the plant or lift station so the smaller system doesn't have to pay the cost of a commercial company to do the same thing.

I have seen operators come up with ideas and drawings to replace, repair, or redesign certain aspects within the plant to make the process more efficient, safer, or just more practical. With all the work being done inhouse to save their system even more money and make the plant effluent even better. It's good to see that Mayors and GMs listen to their operators and trust them for these kinds of projects rather than outsourcing.

I have always heard that operators are the "jack of all trades" and it has never been more apparent than what I've experienced the last few months. I was lucky enough to visit a small plant recently and I was just amazed when I entered the gate. The plant did have

some age on it, but you would have never guessed. The buildings were all freshly painted (inside and out), the lawn looked like a golf course, the sidewalks had been pressure washed recently, and everything had a place in the entire plant. All of the equipment was functioning as it should be and the operator was glad to see me and to give me a quick tour. He was the only operator for this plant and took care of everything inside the gate himself. He was very proud of his plant and you could certainly see that. When we got to the end of the tour and the effluent, the effluent was crystal clear. He caught me a sample in a clear container and I held it up to the sun. I commented how great the effluent looked and that led to him showing me his sample results for the month.

This is the kind of operators that everybody needs - proud of what he does and is always trying to make his effluent better.

These types of operators are certainly one of the biggest assets to make a system sustainable into the future! ■

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- Shipping costs for many have decreased.
- Road and water projects are easier to schedule due to decreased volume in traffic.
- Low construction costs and available contractors are not guaranteed to last.



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# RURAL WATER FLEET PROGRAM

The National Rural Water Association has created partnerships with motor groups to offer discounts to utilities around the country. Member utilities should contact their State Rural Water Association to access the Rural Water Fleet Program.

Visit <https://nrwa.org/members/products-services-portfolio/fleet-program/> for up-to-date information.





# RURAL WATER Loan Fund

## About The Program

The NRWA Rural Water Loan Fund (RWLF) is a funding program specifically designed to meet the unique needs of small water and wastewater utilities.

The RWLF provides low-cost loans for short-term repair costs, small capital projects, or pre-development costs associated with larger projects. The RWLF was established through a grant from the USDA/RUS, and repaid funds used to replenish the fund and make new loans.

Apply today by contacting your State Rural Water Association or NRWA!



## Reasons to Apply

- Reasonable interest rates
- No administrative or processing fees
- Straightforward application process and quick turnaround
- Systems must be public entities serving up to 10,000 persons, or in rural areas with no population limits
- Loan amounts may not exceed \$200,000 or 75% of the total project cost, whichever is less
- Emergency loans are 90-day no interest, with immediate turn around on applications

## Eligible Projects

- Pre-development (planning) costs for infrastructure projects
- Replacement equipment, system upgrades, maintenance and small capital projects
- Energy efficiency projects to lower costs and improve sustainability
- Disaster recovery or other emergency loans available

Applications, information and forms can be downloaded from the NRWA website at [nrwa.org](http://nrwa.org) or by scanning the QR Code above. For help, please call 1.800.332.8715 or email [nrwarwlf@nrwa.org](mailto:nrwarwlf@nrwa.org).



National Rural Water Association is an equal opportunity provider and employer. This material is based upon work supported by the Rural Utilities Service, United States Department of Agriculture.

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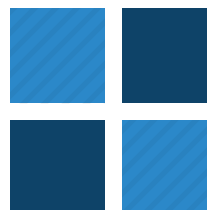
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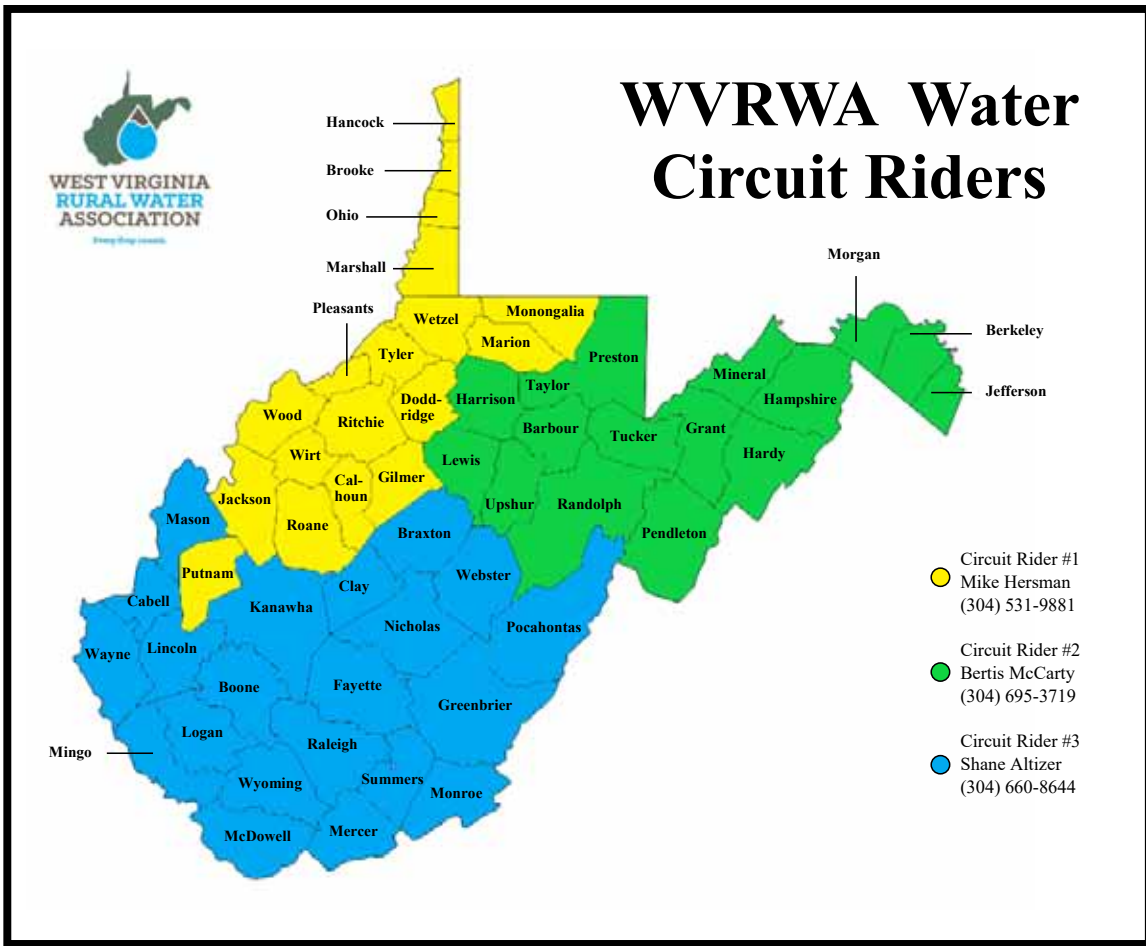
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By Cassidy Webb, EXPO Show Manager

# Water YOU DOING IN MARCH?

## SAVE THE DATE! March 22-23, 2023

The West Virginia Construction & Design EXPO invites you to attend the region's largest trade show for construction, design and public works industries. The event will be held at the Charleston Coliseum & Convention Center on March 22 – 23, 2023.

EXPO features an impressive education program and the largest marketplace for the design and construction industries throughout the region.

The event offers dozens of professional development opportunities, covering a range of topics. Led by some of the most trusted names in the industry, EXPO has something for every interest and discipline. Dozens of seminars offer water and wastewater professionals a great opportunity to network, discover, learn, and grow, as well as obtain their required CEH's for free.

Over 4,000 attendees and 300 exhibitors are anticipated to attend, making EXPO an invaluable networking opportunity. The show will be open 10:00 a.m. to 8:00 p.m. on Wednesday, March 22, and 8:00 a.m. to 12:00 p.m. on Thursday, March 23.

Sales are open for the 2023 event for exhibitors, honor exhibitors (non-displaying), program advertising, and sponsorships. A complete list of seminars, many offering continuing education credits, along with registration and show information will be available online in February 2023.

EXPO will be hosting a number of complimentary events including keynote sessions in the Little Theater, Reverse Job Fair, Virtual Job Fair, the popular After Hours Reception (Wednesday, March 22, 5:30-7:30 PM) and Business Over Breakfast (BOB) Reception (Thursday, March 23, 8:00-10:00 AM).

Attendance is FREE. Register online or at the show. Visit the EXPO website at [www.wvexpo.com](http://www.wvexpo.com), or call (304) 342-EXPO, for more information.

West Virginia Rural Water Association is one of 25 co-sponsors of EXPO. The EXPO board appreciates our continuing partnership in connecting West Virginia's construction, design, and public works industries.

### ABOUT EXPO:

*EXPO is presented by the Contractors Association of West Virginia, West Virginia Society of Professional Engineers, West Virginia Chapter of the American Institute of Architects, and the West Virginia Utility Contractors Association, in addition to 25 co-sponsoring organizations. The trade show has become the meeting ground for contractors, architects, engineers, purchasing agents, suppliers, public works officials and others involved in the commercial and industrial construction markets.*

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6					5	8	1	
	2	7						
			3					
3			5					
			6			9		
	7	2		8	4	3	5	6
	5				1			
	3	8				7	4	
	4	6			3		2	1

The aim of the canonical puzzle is to enter a numerical digit from 1 through 9 in each cell starting with various digits given in some cells (the "givens"). Each row, column, and region must contain only one instance of each numerical. Completing the puzzle requires patience and logical ability.

Answers can be found on page 38.



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# Lead Tap Monitoring for Schools and Child Care Facilities

**B**efore getting into the details of School and Childcare facility sampling, I want to do a little housekeeping with the rules and reasons for said sampling.

EPA established the Lead and Copper Rule (LCR) in 1991 to protect public health and reduce exposure to lead in drinking water. The most common sources of lead in drinking water are corrosion of plumbing materials such as lead pipes, brass or bronze faucets, and fixtures. The LCR established an action level of 0.015 mg/L or ppm (15 ppb or  $\mu\text{g/L}$ ) for lead and 1.3 mg/L or ppm (1300 ppb or  $\mu\text{g/L}$ ) for copper based on the 90th percentile level of tap water samples. This means no more than 10 % of the collected samples can be above their established action level. If the action level is exceeded by more than 10% of the samples, the Treatment Technique (TT) is establishing or changing the system's Corrosion Control. If corrosion control is improved, the lead levels should be reduced. A new Lead Trigger Level has been established at 10 ppb or  $\mu\text{g/L}$ . If the 90th percentile is between 10 and 15 ppb or  $\mu\text{g/L}$ , the Chief System Operations Specialist must prepare a plan for how to control lead contamination in the event a result above the Action Level of 15 ppb or  $\mu\text{g/L}$  is later identified.

Children younger than 6 are especially susceptible to lead and copper exposure due to their rapid rate of growth. Exposure to low levels of lead can cause low IQ, hearing impairment, reduced attention span, and poor classroom performance. Exposure to high levels of lead can cause damage to the brain, red blood cells, and kidneys. Exposure to high levels of copper can cause stomach and intestinal distress, liver or kidney damage, and complications of Wilson's disease in genetically predisposed people.

§ 141.92 section of the LCRR tells us that all water systems must conduct directed public education and lead monitoring at the schools and childcare fa-

ilities they serve if they were built (in WV) before 1986. In this same section, the rule states "*Water systems MUST conduct lead sampling at elementary schools and childcare facilities they serve once and on request of the facility thereafter.*" The paragraph above lets us know why this should be done. It also explains that the water system should sample at secondary schools upon request.

I will go over some more of the rules below in the LCRR, but all systems should set up their school and childcare facility Training, Testing, and Taking Action Plans using the tool on EPA's website called "3Ts for Reducing Lead in Drinking Water in Schools and Childcare Facilities" (3Ts). It seems to be a pretty good step-by-step approach to getting started. Of course, any plan associated with the LCRR should be approved by your regional health department engineer.

Each water system should compile a list of schools and childcare facilities from the Lead Service Line Inventory. All elementary schools and childcare facilities must be provided with information about the health risks of lead in drinking water on at least an annual basis. The notification that the water system is required to sample for lead at elementary schools and childcare facilities Should include:

- A. A proposed schedule for sampling at the facility.
- B. Information about sampling for lead in schools and childcare facilities. (3Ts)
- C. Instructions for identifying outlets for sampling and preparing for a sampling event 30 days before the event.

The water system must contact all secondary schools on at least an annual basis to provide information on health risks from lead in drinking water and how to request lead sampling.

## LEAD SAMPLING

All elementary schools and childcare facilities must be sampled at least once in the five years following October 16, 2024. Water systems shall collect samples from at least 20% of the elementary



schools served by the system and 20% of the childcare facilities served by the system per year, or according to a schedule approved by the state, until all elementary schools and childcare facilities have been sampled or have declined to participate. A water system may count a refusal or non-response from an elementary school or childcare facility as part of the minimum 20% per year. All secondary schools shall be tested upon request, but the system is not responsible to test any individual facility more than once every 5 years. After the first round of five year testing, all schools and childcare facilities shall be tested upon request, but the system is not responsible to test any individual facility more than once every 5 years. If the system receives higher than 20% requests in one year, they may schedule the coverage the next year.

Five samples per school and two samples per childcare facility shall be collected at outlets typically used for consumption. The outlets shall not have point-of-use (POU) devices.

The samples shall be collected at the following locations:

- A. For Schools
  - 1. Two drinking water fountains
  - 2. One kitchen faucet used for food or drink preparation
  - 3. One classroom faucet or other outlet used for drinking
  - 4. One nurse's office faucet, if available
- B. For Childcare facilities
  - 1. One drinking water fountain

- 2. One kitchen faucet used for food preparation or drink
- 3. OR One classroom faucet or another outlet for drinking

The water system may sample at outlets with POU devices if the facility has them on all outlets typically used for consumption.

If a facility does not contain the type of faucet listed above, a sample shall be collected from another outlet typically used for consumption as identified by the facility.

If any facility has fewer than the required number of outlets, the water system must sample all outlets used for consumption.


The water must have remained stationary in the plumbing system of the sampling site or building for at least 8 hours and not more than 18 hours.

### REPORTING

Documentation that an elementary school or childcare facility declines to participate in the education of sampling requirements. (A facility is considered Non-Responsive after the water system has made two separate good-faith attempts to contact them to schedule sampling.)

All systems shall retain on their premises original records of all sampling data and analyses, reports, surveys, letters, evaluations, schedules, State determinations, and any other relevant information for no fewer than 12 years.

Make sure to get all communications and sampling schedules approved through your regional health department. ■



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Debord, KY 41214  
Phone: (606) 298-0333  
*See Our Ad Page 38*

### **\*Core & Main**

2825 Fairlawn Ave.  
Dunbar, WV 25064  
Phone: (304) 768-0086  
*See Our Ad Page 16*

### **\*Daman Superior, LLC**

2333 Zinn Chapel Road  
Reedsville, WV 26547  
Phone: (304) 972-1936

### **\*DAS Group**

3251-C Old Frankstown Road  
Pittsburgh, PA 15239  
Phone: (724) 327-8979  
*See Our Ad Page 15*

### **\*Diamond Maps**

7018 Buffwood Ct.  
Brownburg, IN 46112  
Phone: (317) 939-6941  
*See Our Ad Page 16*

### **\*DN Tanks, Inc.**

39 East Main Street  
Mechanicsburg, PA 17050  
Phone: (717) 356-0491  
*See Our Ad Page 37*

### **\*Dorsett Technologies, Inc.**

100 Woodlyn Drive  
Yadkinville, NC 27055  
Phone: (540) 494-0833

### **\*Dutchland, Inc.**

160 Route 41  
Gap, PA 17527  
Phone: (717) 442-8282  
*See Our Ad Page 15*

### **\*Eastcom Associates**

185 Industrial Parkway, Suite G  
Branchburg, NJ 08876  
Phone: (908) 722-7774

### **\*Edmunds GovTech**

301 Tilton Rd.  
Northfield, NJ 08225  
Phone: (609) 645-7333

### **\*EnviroScience, Inc.**

5070 Stow Rd.  
Stow, OH 44224  
Phone: (330) 414-6552

### **\*\*\*Extreme Endeavors**

1063 Hickory Corner Rd.  
Philippi, WV 26416  
Phone: (304) 457-2500  
*See Our Ad Page 14*

### **\*Fehr & Cuda Sales, Inc.**

P.O. Box 127  
Greensburg, PA 15601  
Phone: (724) 838-9394  
*See Our Ad Page 15*

### **\*Ferguson Waterworks**

698 Middletown Rd.  
White Hall, WV 26554  
Phone: (681) 404-2857  
*See Our Ad Page 10*

### **\*Ford Meter Box**

775 Manchester Avenue  
Wabash, IN 43056  
Phone: (260) 563-3171  
*See Our Ad Page 15*

### **\*Fortiline Waterworks**

7025 Northwinds Drive NW  
Concord, NC 28027  
Phone: (704) 788-9800

### **\*Frey Municipal Software**

40 North Grand Avenue, Suite 303  
Fort Thomas, KY 41075  
Phone: (859) 441-6566  
*See Our Ad Page 6*

### **\*Gilson Engineering Sales, Inc.**

535 Rochester Road  
Pittsburgh, PA 15237  
Phone: (304) 342-0012



# WVRWA Associate Members - Winter, 2023

\*Associate Member • \*\*Sponsoring Associate Member  
\*\*\* Sustaining Associate Member

## \*Golden Equipment Co., Inc.

P.O. Box 873  
Mars, PA 16046  
Phone: (800) 242-1494

## \*\*\*JABO Supply Corporation, Inc.

5164 Braley Street  
Huntington, WV 25705  
Phone: (304) 736-8333  
*See Our Ad Page 27*

## \*Maryland Biochemical Co., Inc.

712 Tobacco Run Drive  
Bel Air, MD 21015  
Phone: (800) 771-7252  
*See Our Ad Page 40*

## \*Master Leak Technologies, LLC

100 Home Road  
Hatboro, PA 19040  
Phone: (267) 236-6184  
*See Our Ad Page 15*

## \*\*\*Master Meter, Inc.

101 Regency Parkway  
Mansfield, TX 76063  
Phone: (937) 902-4663  
*See Our Ad Page 25*

## \*Mid Atlantic Storage Systems, Inc.

1551 Robinson Road  
Washington C.H., OH 43160  
Phone: (740) 335-2019  
*See Our Ad Page 32*

## \*Miller Environmental, Inc.

320 S. 17th Street  
Reading, PA 19602  
Phone: (610) 376-9162

## \*\*National Road Utility Supply, Inc.

P.O. Box A  
Valley Grove, WV 26060  
Phone: (304) 547-0101  
*See Our Ad Page 30*

## \*Neptune Technology Group

1600 Alabama Highway 229  
Tallahassee, AL 36078  
Phone: (334) 415-9682  
*See Our Ad Page 10*

## \*Nexbillpay, LLC

2416 Green Springs Highway  
Birmingham, AL 35209  
Phone: (800) 639-2435

## \*Pennoni

117 E. Piccadilly St.  
Winchester, VA 22601  
Phone: (540) 771-2091  
*See Our Ad Page 10*

## \*Pittsburg Tank & Tower Co.

P.O. Box 913  
Henderson, KY 42419  
Phone: (270) 826-9000  
*See Our Ad Page 37*

## \*John P. Place, Inc.

90 Clairton Boulevard  
Pittsburgh, PA 15236  
Phone: (304) 343-2607  
*See Our Ad Page 6*

## \*\*\*Precision Pump & Valve Service, Inc.

P.O. Box 7027  
Charleston, WV 25356  
Phone: (304) 776-1710  
*See Our Ad Page 7*

## \*ProSource Water Products, Ltd.

14680 Pleasant Valley Road  
Chillicothe, OH 45601  
Phone: (888) 772-5478  
*See Our Ad Page 6*

## \*Quality Water Services, LLC

160 John Street  
Weston, WV 26452  
Phone: (304) 452-9883  
*See Our Ad Page 17*

## \*Romac Industries, Inc.

21919 20th Ave. SE, Suite 100  
Bothell, WA 98021  
Phone: (412) 295-7167

## \*Sequoyah Software

8415 Ensley Place  
Leawood, KS 66206  
Phone: (314) 210-8922  
*See Our Ad Page 6*

## \*Service Pump & Supply Co.

P.O. Box 2097  
Huntington, WV 25721  
Phone: (304) 429-6731  
*See Our Ad Page 10*

## \*Shafer, Troxell & Howe, Inc.

97D Monocacy Blvd.  
Frederick, MD 21701  
Phone: (301) 682-3390

## \*\*Smith-Midland Corporation

P.O. Box 300  
Midland, VA 22728  
Phone: (540) 439-3266  
*See Our Ad Page 26*

## \*State Equipment Inc.

P.O. Box 3939  
Charleston, WV 25339  
Phone: (304) 776-4405  
*See Our Ad Page 6*

## \*Tepco-Trombold Equipment Co., Inc.

P.O. Box 897  
Mars, PA 16046  
Phone: (724) 625-4260  
*See Our Ad Page 6*

## \*Thompson & Litton

1105 Mercer Street  
Princeton, WV 24740  
Phone: (304) 425-9555  
*See Our Ad Page 35*

## \*Tri State Industrial Coating Contractors Alliance

1591 Washington Street, East  
Charleston, WV 25311  
Phone: (304) 546-1909  
*See Our Ad Page 15*

## \*United Systems & Software, Inc.

P.O. Box 547  
Benton, KY 42025  
Phone: (800) 455-3593  
*See Our Ad Page 6*

## \*U.S. Pipe & Foundry Co., Inc.

2247 Maiden Lane  
Roanoke, VA 24015  
Phone: (540) 353-7425

## \*\*\*USABlueBook

3781 Burwood Drive  
Waukegan, IL 60085  
Phone: (800) 548-1234  
*See Our Ad Back Cover*

## \*Utility Solutions, Inc.

327 Curtis St.  
Delaware, OH 43015  
Phone: (740) 369-4300  
*See Our Ad Page 16*

## \*\*Utility Technologies, LLC

1054 Monroe Rd., Suite 105  
Lebanon, OH 45036  
Phone: (513) 488-1940  
*See Our Ad Page 8*

## \*Valtronics, Inc.

P.O. Box 490  
Ravenswood, WV 26164  
Phone: (304) 273-5356  
*See Our Ad Page 32*

## \*Vermeer of West Virginia

5900 MacCorkle Avenue  
St. Albans, WV 25177  
Phone: (304) 768-5965  
*See Our Ad Page 35*

## \*Warren Pump & Supply

1551 Jackson Avenue  
Huntington, WV 25704  
Phone: (304) 429-6723  
*See Our Ad Page 24*

## \*Water Development Authority

1009 Bullitt Street  
Charleston, WV 25301  
Phone: (304) 414-6500  
*See Our Ad Page 37*

## \*W.C. Weil Company

P.O. Box 7144  
Charleston, WV 25256-0144  
Phone: (304) 776-5665  
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## WVRWA Welcomes New Members



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**Individual Member**  
Lisa Wells



## NON-COMMUNITY MEMBERS

Big Bear Lake  
National Radio Astronomy Observatory

Peterkin Camp & Conference Center  
Valley Vista Adventist Center

## AFFILIATE MEMBERS

Ashland Scenic Campground  
Global Capital of World Peace  
Mettiki Coal (WV) LLC

Newell Company  
Twin Falls State Park

## INDIVIDUAL MEMBERS

Timothy Bennett	Matt Dawson	Kevin "Ricky"	Patricia Lee	Jonathan Stanley	Kistina Ward
Tom Brown	Mark Dearman	Hamrick, Jr.	Kelly Ann Naylor	Matthew Stanley	Frank Welch
Travis Callaway	Dwayne Duffield	Michael Hawranick	Richard Ohalek	Paul Stover	Lisa Wells
Kennon Chambers	Samme Gee	Mary Hutson	Brenton Pannell	Shawn Thompson	Louis Wooten
John Cobb	Michael Giannini	John Inghram	Andrew Reel	Calvin Upton, P.E.	Gary Young
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