

## AGENDA

### SATURDAY, AUGUST 12, 2023

**2:30 p.m. Golf Tournament**  
Please arrive by 1:30 p.m. to ensure a timely start

### SUNDAY, AUGUST 13, 2023

**7:00 a.m. - 7:45 a.m. Worship Service**  
**9:00 a.m. Miniature Golf Tournament**  
**11:45 a.m. - 5:00 p.m. Picnic**  
**12:00 p.m. - 5:00 p.m. Early Registration**  
**1:00 p.m. Water Tapping Competition**  
**2:30 p.m. Meter Toss Competition**  
**3:30 p.m. Cornhole Competition**  
**6:00 p.m. - 8:00 p.m. Bingo**

### MONDAY, AUGUST 14, 2023

**8:00 a.m. - 4:00 p.m. Registration**  
**9:00 a.m. - 10:15 a.m. 1. Opening Session (W/WW), Awards, & Keynote Speaker**

**10:30 a.m. - 12:00 p.m.**

#### Concurrent Training Sessions

**2. Achieving LCRR Compliance with Confidence (W)**

General understanding of what the new rule will require and the day-to-day impact. Valuable tools and resources decision makers can use to maneuver the complexities of the LCRR and ensure program success.

**3. Discussion of Developments and Trends at the Public Service Commission (W/WW)**

Discussion of the latest trends in rate cases at the PSC and how the trends are impacting PSDs and municipalities. Discussion of distressed and failing utility proceedings and how the PSC is managing such proceedings. Moreover, the discussion will include a review of recent legislation and how certain changes to the W. Va. Code are impacting PSDs and municipalities. Overview of recent changes to the PSC's water and sewer rules.

**4. Engineering-Grade Cybersecurity—Because Ransomware Only Cares If You Pay (W/WW)**

Overview of threats, the Cyber-Informed Engineering strategy and specific examples and use cases of infrastructure outages due to ransomware.

**5. Understanding Financial Statements (W/WW)**

Understanding financial statements.

## AGENDA

### MONDAY, AUGUST 14, 2023

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|------------------------|---|
| 12:15 p.m. - 1:45 p.m. | <b>Lunch—Grab-n-Go (outside training rooms)</b>                               |
| 12:15 p.m. - 1:45 p.m. | <b>Delegates' Luncheon/Business Meeting</b>                                   |
| 12:15 p.m. - 1:45 p.m. | <b>Making Waves—Women in Rural Water Luncheon</b>                             |
| 1:00 p.m. - 7:00 p.m.  | <b>Exhibit Hall Opening &amp; Vendor Reception (Cash bar, Hors D'oeuvres)</b> |
| 6:00 p.m.              | <b>Water Taste Test Judging</b>   |

### TUESDAY, AUGUST 15, 2023

- 8:00 a.m. - 4:00 p.m.      Registration**

**9:00 a.m. - 10:30 a.m.**

#### Concurrent Training Sessions

**6. What Water Industry Administrators Need to Know about LCRR (W)**

Learn the specifics of the regulations in your state and what other systems are doing. Overview of the impact of LCRR on your customers, and walk away with strategies on how you can best communicate with your customers about LCRR.

**7. Modeling for Success: Upgrading Lagoon Based Treatment Systems to Meet More Stringent Limits for BOD, TSS and Nutrient Removal (WW)**

Wastewater treatment process design modeling software, which models biological, chemical, and physical treatment processes, can be used to optimize the design, performance and reliability of lagoon based treatment systems.

**8. UCMR 5 Updates for Water Systems (W)**

Learn the likely impact in Year 1 and beyond when PFOA and PFOS are added to the SDWA MCL, how the new Health Advisory levels correlate to current EPA test methods and their detection limits, what happens with the Health Advisory levels when MCLs are issued, UCMR 5—PFAS will be included again, for a longer list and at lower reporting limits, UCMR 5 test methods and compound lists and UCMR 5 sampling schedules and sampling requirements.

**9. Mobile GIS, Asset Management, Works Orders, and Integration of Leak Detection (W/WW)**

Discussion of GIS and asset management mobile apps and how they can help manage your system. Overview of leak detection, correlation, and pressure logging into a system. GPS resolution will also be explained.

## AGENDA

### TUESDAY, AUGUST 15, 2023

10:45 a.m. - 12:15 p.m.

#### Concurrent Training Sessions

**10. Why Water Utilities are Investing in Cellular Advanced Metering Infrastructure (AMI) (W)**

Review of the combination of new and evolving challenges that water utilities are facing due to environmental and economic changes and how a cellular advanced metering solution can make a significant impact in achieving enhanced operations at utilities.

**11. Beyond the Manual Bail Screen (WW)**

Market overview of wastewater screening, including design, major components and technologies used to remove debris from a plant's influent water.

**12. Developing an Asset Management Plan for Your Future Utility Organization (W/WW)**

Overview of the components of an Asset Management Plan and how internationally published findings are relative to generational traits and values of various generations in the utility workplace.

**13. DHHR Sourcewater & Certification and Training Update (W/WW)**

A look at sourcewater protection plan approvals and electronic submittal and schedule changes; certification and training program updates; review of CEH, exams, and recertification.

12:30 p.m. - 2:00 p.m.      **Awards of Excellence Luncheon**

2:15 p.m. - 3:45 p.m.

#### Concurrent Training Sessions

**14. Top Ten Employment Practices to Maintain Legal Operations (W/WW)**

Discussion of the most problematic areas for employers, with guidance on best policies and practices to maintain lawful employment practices.

**15. PFAS Considerations for Wastewater Professionals and Understanding the Potential Impacts to Wastewater Biosolid (WW)**

With PFAS becoming a growing concern, it is important to understand sources of PFAS contamination, transport mechanisms, and receivers of PFAS waste in the environment.

**16. On-Site Sodium Hypochlorite Generation: A Safe and Reliable Disinfection Alternative to Bulk Sodium Hypochlorite and Gas Chlorine (W/WW)**

Understanding the science and implementation behind on-site sodium hypochlorite generation (OSHG) as a source of chlorine disinfection for water, wastewater, and distributed well systems.

**17. EPA OIG Fraud Awareness Briefing and Focus on SRFs and IJA Funds (W/WW)**

Overview of the EPA OIG's background, mission and focus. Discussion of fraud indicators, investigation process, and our enforcement capabilities—with specific emphasis on SRF and IJA. Wrap up discussion on some types of investigations, specifically involving SRFs, as well as how and when to report matters to the OIG.

## AGENDA

### TUESDAY, AUGUST 15, 2023

**4:00 p.m. - 5:30 p.m.**

#### Concurrent Training Sessions

**18. Board and Employee Matters: Overview of Legal Requirements and Governance Considerations (W/WW)**

General overview of the following topics: Open Governmental Proceedings Act, WV Ethics Act, Freedom of Information Act, Employment Law and Board Governance Best Practices.

**19. Water and Wastewater System Motor Energy Management (W/WW)**

Learn about establishing a facility Energy Management Program, identifying and evaluating energy conservation opportunities on motor-driven equipment and designing a motor improvement plan.

**20. DBP Compliance—A Hardy County PSD Case Study (W)**

Focus on the quest for compliance of the Hardy County Baker Water Plant to meet Disinfection By Product limits by improving the quality of treatment at the Water Plant. Discussion of operational modification and other options that led to the decision to include an Ion Exchange system for the raw water.

**21. Clean Water Needs Survey Update (WW)**

Update of the comprehensive assessment of the capital costs to meet water quality goals, address water quality, and water-quality-related public health concerns.

**5:30 p.m. Water on the Mountain Social & Raffle Drawings\***

\*Please note the following changes to Water on the Mountain. Instead of a Banquet on Tuesday evening, an Awards of Excellence Luncheon will be held Tuesday afternoon to allow WVRWA to recognize and honor its operators and systems. Raffle drawings will still take place Tuesday evening, but will be accompanied by the Water on the Mountain Social, in which there will be a cash bar and light hors d'oeuvres.

## AGENDA

### WEDNESDAY, AUGUST 16, 2023

**8:00 a.m. - 9:00 a.m.**      **Registration**  
**9:00 a.m. - 12:00 p.m.**      **Board Meeting**

**9:00 a.m. - 10:30 a.m.**

#### Concurrent Training Sessions

##### **22. PSC Roundtable (W/WW)**

Open forum to discuss the PSC's current jurisdiction, issues, and policies and engage in a discussion about how water and wastewater systems are impacted by them.

##### **23. Water Operator Roundtable (W)**

Roundtable discussion that allows water operators from across the state an opportunity to talk about issues that are important to them, as well as gain insight from other operators.

##### **24. Energy Efficiency in Water & Wastewater Utilities (W/WW)**

Introduction to WVRWA's energy efficiency program and how it can benefit your system.

##### **25. Cyber Security for Water & Wastewater Utilities (W/WW)**

Discussion of implementing cyber security best practices to reduce the risk of threats to water and wastewater utilities.

**10:45 a.m. - 12:15 p.m.**

#### Concurrent Training Sessions

##### **26. Wastewater Operator Roundtable (WW)**

Roundtable discussion that allows wastewater operators from across the state an opportunity to talk about issues that are important to them, as well as gain insight from other operators.

##### **27. Successful Communications (W/WW)**

Overview of successful community engagement regarding public outreach for water and wastewater utilities for when they need to raise awareness about issues, inform consumers about rate changes, etc.

##### **28. Financial Sustainability (W/WW)**

Discussion of strategies for budget development and to help water and wastewater utilities get the rates they need.

##### **29. Understanding the Apprenticeship Program (W/WW)**

Review of the operator specialist apprenticeship programs in WV.

**12:30 p.m.**      **Conference Concludes**