

# JOINT ANNUAL MEETING

March 24 – 27, 2024  
Tan-Tar-A/Margaritaville Lake Resort  
Osage Beach, Missouri



**Register online using the following link/QR code:**

[jammissouri.com](http://jammissouri.com)

Early Bird Deadline: February 16, 2024

Registration Deadline: March 15, 2024



## **Professional Engineer PDH Information**

Attendees desiring PDH credit will need to be scanned into the technical session(s) by a moderator or assistant moderator. A record of session attendance will be sent to the email provided at registration within a month following the end of the conference. Any corrections or questions may be addressed to Meredith Carr ([meredithcarr@awwa-mo.org](mailto:meredithcarr@awwa-mo.org)).

## **MDNR OPERATOR CERTIFICATION**

**Attendees must sign the rosters daily to obtain MDNR renewal training credits.**

**Please note that DNR has approved vouchers for Wastewater (Green).**

Workshop	Course Number	DWT	DS	WW	CAFO
Wastewater Laboratory Sunday 03-24-2024	2403115	0.0	0.0	4.0	0.0

MDNR has approved the Wastewater Laboratory Workshop to use Wastewater Training Vouchers (Green) only for payment of the workshop registration fee up to \$60. Drinking Water vouchers will not be accepted for the Sunday Workshop. **MDNR rosters will be available to attendees in the classroom after the Sunday workshop.**

MWEA Voluntary Laboratory Wastewater Operator Certification Renewal = 4.0

Date	Course Number	DWT	DS	WW	CAFO
Monday 03-25-24	2403116	4.0	4.0	4.0	0.0
Tuesday 03-26-24	2403117	7.0	7.0	7.0	0.0
Wednesday 03-27-24	2403118	2.5	2.5	2.5	0.0

MDNR has approved the Annual Meeting weekdays of Monday through Wednesday or Full Conference to use Wastewater Training Vouchers (Green) only for payment. MDNR will allow voucher reimbursement not to exceed \$435 per person for the meeting. Drinking Water Training Vouchers will not be accepted for the Monday through Wednesday or Full Registration.

**MDNR Rosters will be available in the registration area at the end of the day on Monday & Tuesday.  
MDNR Rosters will be available Wednesday at the end of the session at the room presented.**

MWEA Voluntary Collections /Industrial/Laboratory Wastewater Operator Certification Renewal = Monday 4.0 hrs;  
Tuesday = 7.0 hrs; Wednesday = 2.5 hrs

DWT - Drinking Water Treatment, DS – Distribution, WW - Wastewater, CAFO – Confined Animal Feed Operation

Water industry professionals of Missouri, we are thrilled to offer registration information for the 2024 edition of the Joint Annual Meeting of the Missouri Water Environment Association (MWEA) and the Missouri Section of the American Water Works Association (MO AWWA). This will be the 19th consecutive year of our organizations providing a combined conference with benefits to both memberships and the greater water industry of our state, while preserving the uniqueness and individualism of each. We are proud of once again producing an event offering a technical program for knowledge sharing, networking opportunities, philanthropy fundraising benefiting Water for People, and meeting events.

JAM24 will begin on Sunday again this year, with a golf tournament benefiting Water for People and MWEA lab workshop in the morning. For the non-golfers, the paint & sip activity is returning this year in the afternoon along with an icebreaker reception in the exhibition hall. Sunday concludes with an evening social hosted by the Young Professionals.

Monday morning our opening general session will feature comments from visiting WEF Trustee Kalpna Solanki and AWWA officer T.J. Stroebel and keynote speaker Melissa Marshall. Melissa will deliver a message on how to bridge the gap between science and understanding by shifting from “reporting” to “interpreting”. Following that, the cornerstones of our conference kick off with the technical program, which provides training hours for operators and professional development hours for engineers, and the exhibit hall full of manufacturers and industry associates. The exhibit hall will feature multiple opportunities to participate in the Water For People silent auction along with multiple dedicated networking events, so please make time in your conference schedule to take advantage of the chance to engage with the many industry service providers!

Tuesday evening once again will feature the joint banquet followed by a fast-paced and interactive trivia night brought to us by Big 5 Trivia, with plenty of water industry themed questions and prizes, so be sure to attend! Mixed across the JAM24 schedule are several individual MWEA and MO-AWWA functions, be sure to note the room location for the organization activity you are wanting to attend.

The dedicated volunteers and leaders of MWEA and MO-AWWA continually strive to make the JAM a superior experience for attendees. The conference specific app returns this year providing a fully customizable scheduler, along with detailed information on all technical program contributors, exhibiting firms, and sponsoring companies.

We offer our emphatic thank you to the volunteers, organizers, contributors, and everyone else that makes our Joint Annual Meeting the premier experience for water professionals in Missouri. In particular we thank the Technical Program Chairs David Yates (MWEA) and Jennifer Birger (MO-AWWA) and their team, Local Arrangements coordinators Mickey Bernarnd (MWEA), Scott Phillips, and Shawn Carrico (MO-AWWA), and Exhibits & Sponsorship program coordinators Joel Ogle and Mike Morris (MO-AWWA). Please find full details of the entire conference in this digital booklet, and we look forward to seeing you at JAM24!

Bob Parks - MO-AWWA Chair

Todd Fulton - MWEA President

**MISSOURI WATER ENVIRONMENT ASSOCIATION  
&  
MISSOURI SECTION - AMERICAN WATER WORKS ASSOCIATION**

**JOINT ANNUAL MEETING  
MARCH 24-27, 2024**

**PROGRAM SUMMARY  
(Room Assignments TBD)**

**SATURDAY, MARCH 23, 2024**

1:30 p.m. to 4:30 p.m. **MWEA EXECUTIVE COMMITTEE MEETING**

**SUNDAY, MARCH 24, 2024**

11:00 a.m. to 5:00 p.m. **REGISTRATION**

8:30 a.m. to 3:30 p.m. **GOLF OUTING – JOINT** (The Oaks)

Four Person Scramble format Shotgun Start at 10:00 a.m. Sharp – Check in & Range Practice at 8:30

Note: Limited space, participants should pre-register. Proceeds to Water for People.

8:00 a.m. to 11:00 a.m. **LABORATORY ANALYST CERTIFICATION EXAM**

12:00 p.m. to 4:30 p.m. **LABORATORY WORKSHOP**

**Quantifying Nitrogen Pollution: An Analytical Approach**

Zach Wilson and Serena Austin

**Traditional Biochemical Oxygen Demand Testing**

Wendy Dalton, Woodard & Curran

**Understanding the Whole Effluent Toxicity test**

Terry Joubert

**Missouri Wastewater Surveillance Program**

Melissa Reynolds and Chenhui Li

1:00 p.m. to 3:00 p.m. **PAINT & SIP EVENT**

1:00 p.m. to 4:00 p.m. **COLLECTION SYSTEM VOLUNTARY EXAM – MWEA**

4:00 p.m. to 4:45 p.m. **CONFERENCE ORIENTATION + WELCOME**

All are welcome. Recommended for first time attendees. Learn how to maximize your conference experience and about MO-AWWA and MWEA.

4:30 p.m. to 7:00 p.m. **EXHIBIT AREA OPEN; ICEBREAKER RECEPTION**

Hors d'oeuvres & Cash bar

8:00 p.m. to 11:00 p.m. **SUNDAY SOCIAL HOSTED BY YOUNG PROFESSIONALS**

\*sessions/rooms subject to change

## **MONDAY, MARCH 25, 2024**

6:30 a.m. to 5:00 p.m. **REGISTRATION**

7:00 a.m. to 9:00 a.m. **BREAKFAST OPENING SESSION – JOINT**

Welcome – Todd Fulton (President, MWEA)  
Bob Parks (Chair, MO-AWWA)

Keynote Speaker – Melissa Marshall

9:00 a.m. to 6:30 p.m. **EXHIBIT AREA OPEN**

9:00 a.m. to 6:00 p.m. **SILENT AUCTION**

Proceeds to Water for People

10:00 a.m. to 11:45a.m. **CONCURRENT TECHNICAL SESSIONS**

Noon to 2:00 p.m. **MWEA AWARDS LUNCHEON**

Noon to 2:00 p.m. **MO-AWWA BUSINESS LUNCHEON**

2:00 p.m. to 5:05 p.m. **CONCURRENT TECHNICAL SESSIONS**

5:05 p.m. to 6:30 p.m. **RECEPTION**

5:30 p.m. to 6:00 p.m. **STUDENT POSTER CONTEST**

9:30 p.m. to Midnight **BEANBAG TOURNAMENT**

Proceeds to Water for People

## **TUESDAY, MARCH 26, 2024**

7:00 a.m. to 5:00 p.m. **REGISTRATION**

7:00 a.m. to 1:30 p.m. **EXHIBIT AREA OPEN**

7:00 a.m. to 1:00 p.m. **SILENT AUCTION**

Proceeds to Water for People

7:00 a.m. to 8:30 a.m. **MO-AWWA/MWEA YP COMMITTEE MEETING BREAKFAST**

7:00 a.m. to 8:30 a.m. **EXHIBITORS CONTINENTAL BREAKFAST– JOINT**

8:00 a.m. to 11:55a.m. **CONCURRENT TECHNICAL SESSIONS**

Noon to 1:00 p.m. **EXHIBITOR'S LUNCH – JOINT**

1:15 p.m. to 5:00 p.m. **CONCURRENT TECHNICAL SESSIONS**

5:30 p.m. to 10:00 p.m. **JOINT BANQUET**

Entertainment: Trivia Night

## **WEDNESDAY, MARCH 27, 2024**

7:00 a.m. to 10:00 a.m. **REGISTRATION**

7:00 a.m. to 8:30 a.m. **MWEA COMMITTEE CHAIR BREAKFAST**

8:00 a.m. to 9:00 a.m. **MWEA SSSS MEMBER BREAKFAST** MWEA 5S Members Only

9:15 a.m. to Noon **CONCURRENT TECHNICAL SESSIONS**

Noon to 1:30 p.m. **MO-AWWA AWARDS LUNCHEON**

Noon to 1:30 p.m. **MWEA BUSINESS LUNCHEON**

Missouri Water Environment Association  
Laboratory Practices Committee  
March 24, 2024 Joint Conference Workshop

<b>12:00pm - 1:00pm</b>	<b>"Quantifying Nitrogen Pollution: An Analytical Approach"</b>	<b>Zack Wilson and Serena Austin</b> <i>Chemist and Senior Analyst</i> <i>City of Springfield</i> <i>zach.wilson@springfieldmo.gov</i> <i>serena.austin@springfieldmo.gov</i>
<b>1:00pm - 1:10pm</b>	<b>Break</b>	
<b>1:10pm - 2:10pm</b>	<b>"Traditional Biochemical Oxygen Demand Testing"</b>	<b>Wendy Dalton</b> <i>Environmental Compliance Specialist</i> <i>Woodard &amp; Curran</i> <i>wdalton@woodardcurran.com</i>
<b>2:10pm - 2:20pm</b>	<b>Break</b>	
<b>2:20pm - 3:20pm</b>	<b>"Understanding the Whole Effluent Toxicity Test"</b>	<b>Joey Waitman</b> <i>Environmental Biologist</i> <i>City of Springfield</i> <i>jgwaitman@springfieldmo.gov</i>
<b>3:20pm - 3:30pm</b>	<b>Break</b>	
<b>3:30pm - 4:30pm</b>	<b>"Missouri Wastewater Surveillance Program"</b>	<b>Melissa Reynolds and Chenhui Li</b> <i>Wastewater Surveillance Program Manager and Epidemiologist</i> <i>Department of Health and Senior Services</i> <i>Melissa.Reynolds@health.mo.gov</i> <i>Chenhui.Li@health.mo.gov</i>
<b>4:30pm</b>	<b>Sign MoDNR and LPC Attendance Forms</b>	

# MWEA LPC 2024 Lab Workshop

## Abstracts and Bios

- **Title: Quantifying Nitrogen Pollution: An Analytical Approach**

Presenters: Zach Wilson and Serena Austin, City of Springfield

Nitrogen pollution removal from wastewater, in the form of ammonia, nitrate, nitrite, and complex nitrogen, is a goal of utmost importance to wastewater treatment plants. If nitrogen pollution is not removed from wastewater before being discharged back into the receiving waters in the environment, there can be dire and even fatal consequences for flora, fauna, and humans. This can be by the production of harmful microbial species, such as problematic algae and cyanobacteria that can produce toxic microcystin compounds. Another possible issue is the reduction of dissolved oxygen in the receiving waters by eutrophication, causing either the selection and propagation of dangerous organisms, undesirable nuisances such as odor and color, or the suffocation of aquatic organisms in some extreme cases. The introduction of harmful chemical species such as nitrite and nitrate into the environment is also an issue, as high levels can have adverse effects on human health. Luckily, wastewater treatment plants can have the capability to analytically quantify nitrogen pollution so that appropriate measures can be taken within the wastewater treatment plant to reduce the presence of nitrogen pollution in the effluent generated by the wastewater treatment plant. With an understanding of the nitrogen chemical species pollution limits as set by the wastewater treatment plant's NPDES (National Pollutant Discharge Elimination System) permits, appropriate analytical methods can be developed to not only detect the concentration of nitrogen species being discharged into the receiving waters, but also the concentration of nitrogen species within the plant to understand and optimize plant processes to further encourage nitrogen pollution removal. These methods can be as simple as pre-packaged colorimetric methods, or as advanced as a myriad of EPA-recommended laboratory methodologies. However, knowing the concentrations of nitrogen pollution entering and leaving the wastewater treatment plant is only halfway to fixing the issue. A firm grasp of wastewater treatment methods available to combat nitrogen pollution is also very important. In being educated as to why we fight so hard to remove nitrogen pollution from our treated wastewater, we can ensure that we remember the reasons

why we continue the battle against nitrogen pollution. The purpose of this presentation is to create a greater awareness of the sources, consequences, analytical methodologies, and treatment techniques regarding nitrogen pollution.

Bio 1: Zach Wilson received his bachelor's degree in chemistry with a minor in geology in 2015. Later, he earned a master's degree in chemistry in 2017. Zach has been working in the field of water and wastewater treatment for a combined 5 years of experience but has been working in various laboratories for a combined total of 13 years. Currently, he is employed as a chemist for the City of Springfield, Missouri at the Southwest Wastewater Treatment Plant.

Bio 2: Serena Austin earned her bachelor's degree in biology and a Minor in Chemistry from Missouri University of Science and Technology in 2014. Serena has been working in the field of water and wastewater treatment for nearly 6 years but has been working in various laboratories for a combined total of 9 years. Currently, she is employed as a senior analyst for the City of Springfield, Missouri at the Southwest Wastewater Treatment Plant.



- **Traditional Biochemical Oxygen Demand Testing**

Presenter: Wendy Dalton, Woodard & Curran

The Biochemical Oxygen Test is often a source of frustration and confusion for operators and analysts, but it doesn't have to be. This presentation will walk step-by-step through the procedure for analyzing BOD5. Starting with representative sampling and ending with final reporting, with specific emphasis on seeding procedures and GGA analysis, we'll cover all the details of the BOD5.

Bio: Wendy earned a Bachelor of Arts in Biology from Truman State University in 2003 and began working for the City of Wentzville as a Lab Analyst in 2005. While there, Wendy obtained a Class A Wastewater Treatment Certification from Missouri DNR and a Class B Voluntary Wastewater Analyst Certification from MWEA. In 2014, Wendy joined Woodard & Curran as the Environmental Compliance Specialist serving the City of Saint Charles Wastewater Treatment Facilities. In addition to laboratory management and regulatory reporting, this position oversees the City's Industrial Pretreatment Program and FOG Reduction Program.

- **Understanding the Whole Effluent Toxicity test**

Presenter: Joey Waitman, City of Springfield

Whole Effluent toxicity testing or (WET) is a mainstay of effluent testing across the nation. Due to the holistic nature of the test, facilities can determine if the effluent they are generating will be toxic when released into an environment containing aquatic organisms by measuring the response, if any, that the effluent has on the organisms. At the Southwest Wastewater Treatment Plant of Springfield, Missouri (SWTP), we perform a yearly WET test on our effluent in tandem with the effluents from our NW treatment facility. In addition, we complete a yearly DMR-QA for WET testing for analytical methodology verification. The SWTP is required by our NPDES permit to perform at least one WET test a year (2 Acute, 2 Chronic over 4-year period) to remain in compliance. In this presentation we will learn about the two main types of WET testing with an emphasis on Acute WET test methodology, and what the results may mean for your treatment facility.

Bio: Joey received his bachelor's degree in Wildlife Biology from Missouri State University in 2016. While completing his degree he attended an internship at the City of Springfield's Southwest Wastewater Treatment Plant. After graduating he went full time at the treatment plant and has worked his way up from being a laboratory analyst to become the Environmental Biologist over the course of 7 years.

- **Missouri Wastewater Surveillance Program**

Presenters: Melissa Reynolds and Chenhui Li, Missouri Department of Health and Senior Services

Missouri stands at the forefront of innovation with its groundbreaking Coronavirus Sewershed Surveillance Project (CSSP) that began in April 2020. Originally established to detect the presence of SARS-CoV-2, the virus responsible for COVID-19, in wastewater, this project has played a vital role in tracking viral levels and identifying different lineages of SARS-CoV-2 in Missouri. Testing for variant mutations provides information on the emergence and spread of known variant lineages and lineages not yet observed in clinical samples. Many mutations have first been detected in wastewater samples, including some of the more-transmissible variants such as the Omicron variant. Building on the success of SARS-CoV-2 surveillance, Missouri has expanded its monitoring to encompass the detection of other respiratory viruses of concern, including Influenza Virus and Respiratory Syncytial Virus (RSV). In early 2024, DHSS created a program from CSSP to help this be a longer-term monitoring program, and it is now referred to as Wastewater Surveillance Program. Missouri's Wastewater Surveillance Program is a collaborative initiative dedicated to monitoring wastewater from community sewersheds encompassing approximately 60% of the population for various pathogens of concern regardless of medical availability. The goal of Missouri's program is to enhance public health preparedness and response by offering data to empower individuals and organizations to take appropriate measures to safeguard public health.

Bio 1: Melissa Reynolds is the Wastewater Surveillance Program Manager in the Bureau of Environmental Epidemiology for the Missouri Department of Health and Senior Services (DHSS). She started her journey with DHSS at the State Public Health Laboratory (SPHL) in June 2011 and has been an active member of the RAD team since 2015 and a member of the DHSS IRB since 2021. Melissa has also been working as an H&I on Saturdays and state holidays for the Newborn Screening Unit at the SPHL since 2016 and teaching online courses for State Fair Community College (SFCC) since 2010. Melissa grew up in Lincoln, Missouri, played basketball at SFCC while getting an associate degree, and received her B.S. and M.S. in Biology from Missouri State University in Springfield. When not working, Melissa enjoys spending time with family, riding motorcycles, and playing volleyball.

Bio 2: Chenhui Li currently serves as an Epidemiologist at the Missouri Department of Health and Senior Services (DHSS). She earned her doctoral degree in Plant and Soil Science from Texas Tech University in 2017, where she honed critical data analysis skills that now play a pivotal role in her epidemiological work. Chenhui's public health journey commenced in 2021 as a research scientist at the University of Missouri (MU), where she contributed significantly to the collaborative wastewater COVID-19 surveillance project, a joint effort between Missouri DHSS and MU. This project aimed to provide essential data for tracking and mitigating COVID-19 spread within communities. In her role at Missouri DHSS, Chenhui collaborates with a dedicated team to develop evidence-based strategies, conduct outbreak investigations, and disseminate critical information for community health protection. Her unwavering commitment to community well-being, coupled with her history of significant contributions to epidemiology, drives her in her mission to advance public health. Chenhui's passion for science and community underscores her contributions to the ongoing fight against infectious diseases.

## 2024 MWEA/AWWA-MO Joint Conference Technical Program

### Monday, March 25, 2024

		REGULATORY UPDATE	DIVERSITY, EQUITY, AND INCLUSION	LEADERSHIP	DATA MANAGEMENT	PUMP STATIONS	UTILITY MANAGEMENT	PHOSPHOROUS
10:00 AM	10:50 AM	<b>MWEA Regulatory Update</b>	<b>Conference Introduction</b>	<b>Leadership Mindsets That Enhance Performance and Deliver Results</b>	<b>Identifying Tomorrow's Problem Today- Predictive Analytics in Wastewater Collections</b>	<b>Splashdown! Sticking the landing on design and construction of a pump station upgrade.</b>	<b>More Than Pretty Pictures – Developing a Utility Strategic Plan That Enhances Public Trust</b>	<b>Keys to Successful Phosphorus Removal Processes</b>
		<i>Lacey Hirschvogel &amp; David Carani, MWEA Governmental Affairs Committee</i>	<i>MWEA and MO-AWWA Leadership</i>	<i>Steven Howard/Caliente Leadership</i>	<i>Chris White/Redzone Robotics</i>	<i>Chad Ross/TWM; Kevin Koines/Metropolitan St. Louis Sewer District</i>	<i>Jeff Thorn/City of Lee's Summit Water; Mike Brink/HDR</i>	<i>Sean Surcas/Garver</i>
10:55 AM	11:45 AM	<b>AWWA Regulatory Update</b>	<b>MWEA and Mo-AWWA DE&amp;I Panel Discussion</b>	<b>Superpower to Success: How to Unlock Your Leadership Potential</b>	<b>There's no AI in Asset Management but there should be - Leveraging Artificial Intelligence (AI) for Effective Asset Management</b>	<b>Making it to the checkered Flag: Getting a pump station through the life cycle race</b>	<b>St. Joseph's Integrated Plan for Wastewater and Stormwater: Delivering Capital Program Confidence and Regulatory Certainty through Sound Planning</b>	<b>Meeting Effluent Requirements while Producing Less Sludge with a Multi Stage Activated Biofilm Process</b>
		<i>TBD</i>	<i>Saki Urushidani, City of Springfield; Charles McAlister, GBA; &amp; Michelle Carter, HDR</i>	<i>Adam Mender/Thirty Minute Mentors</i>	<i>Mark Wisbey/Jacobs</i>	<i>Mark Bright/Metropolitan St Louis Sewer District</i>	<i>Edward Leaverton/City of St. Joseph; David Carani/HDR</i>	<i>Bryen Woo/Aquarius Technologies</i>

		TASTE AND ODOR	ONE WATER	CAREER PLANNING	COMMUNITY OUTREACH	BIOSOLIDS	EMERGING CONTAMINANTS WASTEWATER	COLLABORATIVE DELIVERY
2:00 PM	2:50 PM	<b>Get the Funk Out! Optimizing Ozone and BAF to Address Taste &amp; Odor Issues for Maryville, MO</b>	<b>Maryville's One Water Approach for Source Water Protection: Mazingo Lake 319 Watershed Plan</b>	<b>Nimble Management</b>	<b>Incorporating Equity in Capital Project Planning</b>	<b>Kansas City Blue River Biosolids - Design Build Project Update</b>	<b>Innovative Dewatering Technology from Poultry DAF through Residential Waste Sludge</b>	<b>How to Maximize Generational Infrastructure Funding by Innovating Procurement Practices to Align with Asset Management and Sustainability Goals</b>
		<i>Aaron Robinson/HDR and Greg McDanel/City of Maryville</i>	<i>Ryan Heiland/City of Maryville; Katie Greenstein/HDR</i>	<i>Rachelle Lowe/Burns &amp; McDonnell; Kerrie Greenfelder/Burns &amp; McDonnell</i>	<i>Maya Turner/Carollo Engineers</i>	<i>Suzie Carpenter/Black &amp; Veatch; Blake Anderson/City of Kansas City Missouri; Matt Harper/Goodwin Brothers</i>	<i>Tim Canter/Jacobs</i>	<i>Randy Moore/Tnemec Company; Dustin Keilbey/Tnemec Company</i>
3:20 PM	4:10 PM	<b>Chloramine Disinfectant Residual Optimization and Management in Distribution Systems: Taming the Breakpoint Curve Automatically</b>	<b>The 3 A's of Good Stewardship: Atrazine as A Case study</b>	<b>Dream, Believe, Achieve</b>	<b>Everything, Everywhere, All at Once: Proactively Engaging the Community During High-Profile Water Construction Projects</b>	<b>Unlocking the Future of Biosolids Management: The Strategic Imperative of a Biosolids Master Plan</b>	<b>PFAS in Biosolids: What Pros Need to Know</b>	<b>Collaborating on Collaborative Delivery: How to work with your state regulatory agencies.</b>
		<i>John Busse/Cleanwater1</i>	<i>Ian McBride/City of Kansas City, MO</i>	<i>Emily Lute/City of Moberly</i>	<i>Alex Miller, Taylor Rippe and Jason Parson/Parson + Associates P.A.</i>	<i>Kam Sardari/Garver</i>	<i>Rebecca Poole/Carollo Engineers</i>	<i>Jessica Adams-Weber/HDR; Scott Phillips/Garney; Lauren Grasessle/MDNR</i>
4:15 PM	5:05 PM	<b>Roughing Biofilters for T&amp;O Control from Pilot To Full Scale</b>	<b>PFAS: The ultimate One Water pollutants</b>	<b>Utility Leadership - Recruitment &amp; Retention via Career Progression</b>	<b>PR Planning: Strategies for the Best and Worst of Times</b>	<b>A Holistic Approach to Realize Energy Neutrality</b>	<b>Pilot-Scale Evaluation of O3-Biological Activated Carbon System for the Chosen Contaminants of Emerging Concern (CECs) Removal</b>	<b>Pricing Strategy and Project Delivery Lead to Collector Well Success</b>
		<i>Jess Brown and Thomas Crowley/Carollo Engineers</i>	<i>Patrick Young and Chance Lauderdale/HDR</i>	<i>Jose Leon Jr. and Raul Romero/Johnson County Wastewater</i>	<i>Anita Smith/Garver</i>	<i>Jay Surti/GHD</i>	<i>Pan Ni/University of Missouri</i>	<i>Dana Weir/Burns &amp; McDonnell; Gregory Camp/City of Festus</i>

### Tuesday March 26, 2024

		REGULATORY	OPERATIONS & MAINTENANCE	NUTRIENTS	INNOVATION & TECHNOLOGY	ASSET MANAGEMENT	POTPOURRI	WASTEWATER TREATMENT
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8:00 AM	8:50 AM	<b>Navigating One Water Planning through Municipal Water Programs: Meeting Multiple Objectives and Regulatory Challenges (Water Research Foundation Project 5175)</b>	<b>Water Tower Management, PHASE #1 - Inspection</b>	<b>Moving on Up; Trading in a 50-Year-Old Package Plant for Brand New BNR</b>	<b>Turning Customers into Sensors: How Response Management Systems Give You More Insight</b>	<b>Replacement and repairs exceed budgets. Proactive asset management is the solution.</b>	<b>Lead and Copper Rule Improvements (LCRI) Updates</b>	<b>Making Wastewater Not Stink (as much): A City-Wide Approach to Monitoring and Controlling Odors</b>
		<i>Trent Stober and Chance Lauderdale/HDR</i>	<i>Tim Wilson/DIXON Engineering</i>	<i>Jeff Barnard and Alex Griffin/Burns &amp; McDonnell</i>	<i>Chad Feather/Daupler</i>	<i>Chris MacDonald/CPM Pipelines</i>	<i>Jeff Pinson/MDNR</i>	<i>Jacob Schwoerer/City of Jefferson</i>
8:55 AM	9:45 AM	<b>Long Awaited or Long Avoided: An Update on Missouri's Adoption of the 2013 Recommended National Aquatic Life Criteria for Ammonia</b>	<b>Data Management Makes All the Difference – Treatment Division Process and System Status for Utility Data Management</b>	<b>Nobody likes surprises, plan now for nutrient removal!</b>	<b>Digital Lipstick: Why Technology Can't Transform Your Utility</b>	<b>"Have we got an Asset Management Program for YOU! Focusing on the infrastructure life cycle by applying Asset Management"</b>	<b>CFD: How Close is Close Enough?</b>	<b>Don't "settle" for a conventional clarifier – consider adapting! An Overview of the Hydrograv Adapt Technology.</b>
		<i>Nick Muenks/Geosyntec Consultants</i>	<i>David Rosnage and Renee Whaley/Black &amp; Veatch</i>	<i>Ed Kobylinski/Olsson</i>	<i>Alan Tucker/Brown &amp; Caldwell</i>	<i>Monika Kazmierski and Leigh Thomas/HR Green, Inc.</i>	<i>Kade Beck/Garver</i>	<i>Mario Benisch/HDR</i>
10:15 AM	11:05 AM	<b>EPA's Environmental Justice Priorities and Efforts</b>	<b>Little Blue Valley Primary Heat Exchanger Replacement</b>	<b>The BNR Controls &amp; Instrumentation Selection Adventure</b>	<b>How to Keep Your Startup From Turning Into a Shutdown</b>	<b>Getting Your Assets On Board</b>	<b>Do you REALLY need all of that data??</b>	<b>Don't be Dense; Increase your Capacity with Densification!</b>
		<i>Monica Espinosa and Katrina Ferry/EPA</i>	<i>Dave Yates, Ross Robertson, Lloyd Winchell/Brown &amp; Caldwell</i>	<i>Maureen Neville and Samantha Weidenbenner/Woodard &amp; Curran</i>	<i>Clayton Tidwell and Mike Crawford/Garver</i>	<i>Matt Bond and Kyle Sims/HDR; Frank Shell, /Johnson County Wastewater</i>	<i>Daria Sakharova/GBA</i>	<i>Theresa Kopper/Black &amp; Veatch</i>
11:10 AM	12:00 PM	<b>NPDES Permitting 101 - How to Decipher Your NPDES Permit</b>	<b>Air Release Valves and How to Maintain Them</b>	<b>Central to Centrate: Sidestream Nitrogen Removal Firsts in the Region</b>	<b>Improving SCADA Reliability and Performance for a Major Utility</b>	<b>Using Watershed Models to Create Resilient, Sustainable, and Value-Driven Stormwater Solutions</b>	<b>New Mill Sewer - Managing Transients and Geysers in a Large Diameter Tunnel</b>	<b>Power Your Plant with Waste: The Benefits of CHP</b>
		<i>John Christensen/HDR</i>	<i>Tom Bumgardner/Innovative Engineered Equipment</i>	<i>Rachel Sweazy/Black &amp; Veatch</i>	<i>Jesse Reynolds and Pat McMahill/Woodard &amp; Curran</i>	<i>Andy Sauer/Burns &amp; McDonnell</i>	<i>John Killips/GHD; Jeff Shiner/Metropolitan St. Louis Sewer District</i>	<i>Allen Busick/City of Springfield</i>

		PFAS	SMALL SYSTEMS	PHOSPHOROUS REMOVAL	WATER DISTRIBUTION	WATER TREATMENT	INDUSTRIAL TREATMENT	MEMBRANES
1:15 PM	2:05 PM	<b>Step-by-step PFAS Compliance Planning for a Water Utility</b>	<b>DIY Ammonia Removal for Small WW Plants</b>	<b>Mind Your Ps: Answering Frequently Asked Qs on Chemical and Biological Phosphorus Removal</b>	<b>Everyone Enjoys an Ice Slushy</b>	<b>Membrane Treatment - 101</b>	<b>A Sewershed Study for an Industrial Discharge</b>	<b>Aerobic Granular Sludge (AGS) Past, Present, and Future</b>
		<i>Zaid Chowdhury/Garver</i>	<i>EC West/MDNR</i>	<i>Kelly Gordon and Bridget Moore/Black &amp; Veatch</i>	<i>Tim Straszacker and Sean Mickey, Ph.D/Horner &amp; Shifrin; Shawn Singer, PE/City of O'Fallon</i>	<i>Paul Delphos/Burns &amp; McDonnell</i>	<i>Kimberly Cole/KimHEC; Alex Bernard/Hydro-Kinetics Corp.</i>	<i>John Fraser and Thomas Crowley/Carollo Engineers</i>
2:10 PM	3:00 PM	<b>Holistic Water and Wastewater Sector Approaches to PFAS Treatment</b>	<b>small Facility, BIG Lessons</b>	<b>Optimizing Nutrient Pollution Reduction in Missouri's Waters</b>	<b>New Well Field and 20-Mile Pipeline Delivers Sustainable Supply to McPherson, Kansas</b>	<b>Six and the City- Tampa Meets Suspended Ion Exchange (Six)</b>	<b>Deep Well Injection of Leachate - The Basics</b>	<b>Densification &amp; MBR: The perfect filterability couple</b>
		<i>William Rhoads and Jim Fitzpatrick/ Black &amp; Veatch</i>	<i>Andrew Schranck and Sandy Bernard/Lochmueller Group; Tim Southards/American Water</i>	<i>Dave Bunch and David Carani/HDR</i>	<i>Matthew Gallagher and Jeff Heidrick, PE/Burns &amp; McDonnell; Josh Bedel, PE/McPherson Power</i>	<i>Thomas Crowley/Carollo Engineers</i>	<i>Mark Pearson and Monte Markley/SCS Engineers</i>	<i>Ana Calderon/Veolia WTS</i>
3:15 PM	4:05 PM	<b>Intergrated Approach to Onsite PFAS Destruction at a Drinking Water Plant</b>	<b>Multi-Benefit Infrastructure Approach for Innovative Funding of Stormwater Improvements: Warsaw's \$25M RAISE Grant Award</b>	<b>Nutrient Assessment Reduction Plan - Addressing Phosphorus-Related Stream Impairments the Illinois Way</b>	<b>Behind the Curtain of Predictive Modeling for Service Line Inventories</b>	<b>Fast and Furious Implementation of GAC System</b>	<b>Roadmap to Success: Boeing St. Louis Industrial Wastewater Treatment</b>	<b>"Clearing the Hurdles" – A look at the South Valley Sewer District, Jordan Basin WRF Membrane Basins Rehabilitation Project</b>
		<i>Katie Henderson and Zia Klocke/OVIVO; Ihesen Ben Salah/E2metrix, Inc.</i>	<i>Lauren Moore and Kylie Clark/Burns &amp; McDonnell</i>	<i>Shailendra Singh/Geosyntec Consultants</i>	<i>Emily Tummons, Hannah Myers, and Karen Marie Dietze/Black &amp; Veatch</i>	<i>Roopa Matole and Ryan Saffeis/HDR; Alex Weidenbenner and John Phillips/City of St. Charles</i>	<i>Joy Ramirez/KimHEC; Nick Maurer/Boeing</i>	<i>Greg Hansen and David Jarrett/The Sherwin-Williams Company</i>
4:10 PM	5:00 PM	<b>PFAS 101: A Look at the History, Emerging Trends and Technologies to solve the PFAS crisis</b>	<b>Simple Wastewater treatment process focused on unsewered communities and existing communities facing new ammonia and nutrient removal requirements.</b>	<b>Leveraging phosphorus removal experience across North America to improve the Mississippi River</b>	<b>A New Method of Inspecting PCCP for a Utility with 15 Years of PCCP Inspection Experience</b>	<b>Opportunistic and Emerging Pathogens in Drinking Water and their Impacts to Human Health and Regulations</b>	<b>Challenges to NO- Discharge of Largest Diary Operation in Missouri</b>	<b>Are spiraling energy costs eating your budget .... using MABR technology will help</b>

		<i>Tonya Chandler/BioLargo</i>	<i>Jim Martin/Lemna Environmental Technologies</i>	<i>Thor Young/GHD</i>	<i>Wayne Lindsay/Pure Technologies; Wayne Lindsay/Xylem</i>	<i>Ashley Pifer/Garver</i>	<i>Tony Boone/Boone Consulting</i>	<i>Bruce Stevens and Ronen Barkan/Fluence; Jason Loar/Davis, Bowen &amp; Friedel, Inc.</i>
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**Wednesday, March 27, 2024**

9:15 AM	10:30 AM	<b>State and Federal Drinking Water &amp; Clean Water Regulatory Updates</b>
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10:45 AM	12:00 PM	<b>State and Federal Drinking Water &amp; Clean Water Regulatory Updates</b>
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**VOLUNTARY COLLECTION SYSTEMS OPERATOR CERTIFICATION**

***EXAM DATE***

The Collection Systems Committee  
of the **Missouri Water Environment Association**  
is proud to announce the following date and location:

**Margaritaville Resort, Osage Beach, MO**

*Room Leeward 74/75/76*

**Sunday, March 24<sup>th</sup>, 2024**

**1:00 - 4:00 p.m.**

Applications for examination and/or questions can be sent to:

Ryan Poertner  
Ace Pipe Cleaning, Inc.  
4410 Hunt Ave  
St Louis, MO 63110  
rpoertner@acepipe.com  
314-368-1574

Submit Applications for examination by March 15<sup>th</sup>, 2024



Missouri Water Environment Association  
Collection Systems Committee  
Voluntary Collection Systems Operator Certification

**APPLICATION FOR EXAMINATION**

**Exam Date** \_\_\_\_\_ **Location** \_\_\_\_\_ **Time** \_\_\_\_\_

**Applicant Name** \_\_\_\_\_

(Please **print clearly** the name you would want on your certificate)

**Address** \_\_\_\_\_

**City/Town** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip Code** \_\_\_\_\_

**Telephone** (\_\_\_\_\_) \_\_\_\_\_ **Applicant Email address** \_\_\_\_\_

**Employer** \_\_\_\_\_ **Work Email** \_\_\_\_\_

**Supervisor's Name** \_\_\_\_\_ **Supervisor's Telephone** (\_\_\_\_\_) \_\_\_\_\_

**Certification Level Sought (circle one)** **A** (min. 6 yrs.) **B** (min. 4 yrs.) **C** (min. 2 yrs.) **D** (min. 6 mos.)

**Experience:** (describe Collection System experience; additional experience may be provided on attached sheet, if necessary)

EMPLOYER	CITY	STATE
POSITION		YEARS
DUTIES		
EMPLOYER	CITY	STATE
POSITION		YEARS
DUTIES		

By signing this form, I verify that all information enclosed herein is true and indicate my agreement to abide by testing procedures and rules or decisions of the MWEA Collection Systems Committee regarding certification under this program, and hereby waive any claim that I may have against the Committee or MWEA for alleged negligence or misconduct in its operation/administration of this Program. I further agree to allow MWEA to release information regarding the status of any participant in this voluntary program. Accommodations may be provided for persons with disabilities or physical handicaps. Requests for such must be submitted in writing with this application.

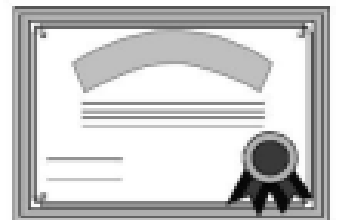
This form to be completed and accompanied by a \$25.00 non-refundable application fee.

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Make checks payable to “**MWEA**” and mail with application to the MWEA

Collection Systems Committee Registrar:

Ryan Poertner  
Ace Pipe Cleaning, Inc.  
4410 Hunt Ave  
St Louis, MO 63110  
rpoertner@acepipe.com  
314-368-1574



Missouri Water Environment Association  
Voluntary Collection Systems Operator Certification  
**APPLICATION FOR RENEWAL**

**Applicant Name** \_\_\_\_\_

**Current Certificate Number:** \_\_\_\_\_

**Email Address** \_\_\_\_\_

**Address** \_\_\_\_\_

**City/Town** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_

**Telephone (\_\_\_\_\_)** \_\_\_\_\_

**Employer** \_\_\_\_\_

**Supervisor's Name:** \_\_\_\_\_ **Supervisor's Telephone: (\_\_\_\_\_)** \_\_\_\_\_

**Training completed to be considered as credit toward renewal certification (a minimum of 20 hours of training related to collection systems is required during every three year renewal period):**

<b>Date of Training</b>	<b>Subject</b>	<b>Contact Hours</b>	<b>Name of Trainer (or D.N.R. Course #)</b>	<b>Trainers Phone or Address (or Sponsoring Organization)</b>

Attach documentation pertaining to above training (use additional sheets as necessary).

By signing this form, I verify that all information enclosed herein is true and indicate my agreement to abide by existing procedures and rules or decisions of the MWEA Collection Systems Committee regarding certification & renewal under this program, and hereby waive any claim that I may have against the Committee or MWEA for alleged negligence or misconduct in its operation/administration of this Program. I further agree to allow MWEA to release relevant information regarding the certification status of any participant in this voluntary program.

***This form to be completed and accompanied by a \$25.00 renewal fee and submitted within 60 days of the currently held certificate expiration date. Make checks payable to MWEA (do not list any name on the check)***

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Mail the application to:  
**Ryan Poertner**  
**Ace Pipe Cleaning, Inc.**  
**4410 Hunt Ave**  
**St Louis, MO 63110**  
**rpoertner@acepipe.com**  
**314-368-1574**



# MWEA - Laboratory Practices Committee Voluntary Wastewater Analyst Certification Application for Examination

(Please Print Clearly)

Applicant \_\_\_\_\_

Exam date and location \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City/Town \_\_\_\_\_ State \_\_\_\_\_ ZipCode \_\_\_\_\_

Telephone (     ) -     FAX (     ) -     \_\_\_\_\_

Supervisor \_\_\_\_\_

WPI Certification Level Sought (circle                      I                      II                      III                      IV

Education (circle highest level)                      **High School**                      9 10 11 12                      **College**                      1 2 3 4

Degree or Certificate Awarded \_\_\_\_\_

School or Institution Attended \_\_\_\_\_

Experience (include only wastewater analytical experience)

EMPLOYER	CITY	STATE
POSITION	YEARS	
DUTIES		
EMPLOYER	CITY	STATE
POSITION	YEARS	
DUTIES		

By signing this form, I verify that all information enclosed herein is true and indicate my agreement to abide by testing procedures and rules or decisions of the MLPC and MWEA regarding certification under this program; and hereby wave any claim that I may have against MLPC or MWEA for alleged negligence or misconduct in its operation/ administration of this program.

Accommodations may be provided for disabled or handicapped persons. Requests must be submitted in writing with this application.

This form must be postmarked 30 days prior to examination date, accompanied by a nonrefundable \$50.00 application fee.

(     ) Check here if you object to your name being released as a Certificate holder.

Signature : \_\_\_\_\_ Date : \_\_\_\_\_

Make checks payable to MWEA and mail with application to:  
MWEA - Laboratory Practices Committee  
c/o Natalie Stahl, IMINControls, LLC  
PO Box 183 Catawissa, MO 63015

2024 WEF Visiting Officer  
**Kalpa Solanki**  
***WEF Trustee***



Kalpna Solanki is a 2023-24 member of the WEF Board of Trustees and president and CEO of the Environmental Operators Certification Program in British Columbia.

Kalpna brings extensive experience with Board Governance, strong connections to the operator community, and strategic partnerships with agriculture, food & Beverage, and other industries. Kalpna is also a founding director of Operators Without Borders in Vancouver.

2024 MO-AWWA Visiting Officer  
**T.J. Stroebel**  
***MAC Chair***



T.J. Stroebel joined Tonka Water, now part of Kurita America, in 2007 after earning a degree in Chemical Engineering from the University of Minnesota. His career has focused on process and equipment design, troubleshooting, and development relevant to water treatment systems, with a strong emphasis on drinking water treatment. In his current role as Technical Marketing Leader, he supports integrated equipment solutions by providing a technical perspective to new markets, product applications, and research & development initiatives, spanning all water treatment sectors, municipal and industrial.

T.J. has been an active member of AWWA his entire career, participating in trade shows and events across Sections and Nationally. After six years as a member of the Manufacturers/Associates Council (MAC), T.J. is serving a final term as its Chair.

## 2024 JAM Keynote Speaker Melissa Marshall

### Meet Melissa

Melissa Marshall is the leading expert on presenting complex ideas.



Melissa Marshall is on a mission: to transform how scientists, engineers, and business professionals present their work. That's because she believes that even the best science is destined to remain undiscovered unless it's presented in a clear and compelling way that sparks innovation and drives adoption.

For a decade, she's traveled around the world to work with Fortune 100 corporations, institutions, and universities, teaching the proven strategies she's mastered through her consulting work and during her decade as a faculty member at Penn State University.

In 2019 through 2023, Microsoft has named her a Most Valuable Professional (MVP) for her work in transforming the way the scientific community uses PowerPoint to convey their research. Melissa has also authored a new online

course on LinkedIn Learning.

Melissa's workshops are lively, practical, and transformational. For a sneak peek, check out her TED Talk, "[Talk Nerdy to Me](#)." It's been watched by over 3 million people (and counting).

Learn what other clients have to say about Melissa at [www.PresentYourScience.com](http://www.PresentYourScience.com). Melissa can be reached at [melissa@presentyourscience.com](mailto:melissa@presentyourscience.com).



**MWEA & MO-AWWA**  
**Water For People**

**Sponsorship & Participation Opportunities at**  
**2024 Joint Annual Meeting**

The Water For People Committees of MWEA and MO-AWWA will continue their fundraising efforts at the 2024 Joint Annual Meeting at Margaritaville. All funds raised from our various activities, including the Golf Tournament, Silent and Oral Auctions, and various raffles will be donated to Water For People.

Water For People is an international humanitarian organization that supports the development of locally sustainable drinking water resources, sanitation facilities, and health and hygiene education programs in underdeveloped and economically-challenged countries. Water For People uses water-related programs as catalysts for change in communities that lack access to drinking water and adequate sanitation. By working as a partner, benefited communities directly improve their own lives so that they can contribute to, and make a difference in, the world. More information on their work can be found at [www.waterforpeople.org](http://www.waterforpeople.org).

**For the 20<sup>th</sup> consecutive year, Water For People has received Charity Navigator's Four Star rating – the highest possible score. This longevity places Water For People in the top 1% of all charities.**

Consulting engineering firms, equipment manufacturers, manufacturer's representatives, construction contractors, individuals and others who have so generously supported the activities of both MWEA and MO-AWWA in the past can help once again by sponsoring one or more of the fund-raising activities listed below, which will be conducted during the Joint Annual Meeting:

**Description of Event**

**Sponsorship Opportunity**

Sunday – Golf Tournament Hole Sponsor

\$250 Hole Sponsorship

Monday & Tuesday– Silent Auction (Exhibit Area)

Donate \$50 to \$250 Auction Items

Tuesday – Oral Auction (Banquet)

High-value Auction Item

***Hole sponsors will have their logo displayed on a banner that will be at the Water For People booth. Oral Auction Items will be prominently displayed with company logo.***

The opportunities listed above to sponsor or contribute towards individual, dedicated events are available (on a first-come, first-served basis) by contacting the Water For People fund-raising activity coordinators, Jeff Clarke, MWEA Committee Chair at [jclarke@hydro-kinetics.com](mailto:jclarke@hydro-kinetics.com) or Mel Peterein, MO-AWWA Committee Chair at or [mpeterein@ameren.com](mailto:mpeterein@ameren.com). For golf tournament sponsorship opportunities please check out the golf registration form.

Even if you can't sponsor one of the above-described activities, you are encouraged to participate. Single-page flyers providing the details of all conference activities (i.e., golf tournament, auctions) are enclosed in this Annual Meeting registration booklet; including the information on how to register for and participate in each event.

The Water For People Committees of MO-AWWA and MWEA invite everyone attending this year's Joint Annual Meeting to contribute to this VERY worthy cause – not to mention participate in the great fun to be had at these activities! See you at Margaritaville.

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## **Silent Auctions at 2024 Joint Annual Meeting**

MWEA and MO-AWWA's Water For People Committees conduct several fundraising events at the Annual Meeting. Once again, all of the funds we raise will go to Water For People.

Throughout all of our fund-raising efforts and events, the consultants, equipment manufacturers, and equipment representatives (many of which also pay to exhibit at these meetings) have been very generous in assisting us by providing unique, interesting, and desirable items that are offered for auction, as well as monetary contributions to other fund-raising activities.

If you are planning to exhibit at this year's Joint MWEA / MO-AWWA Annual Meeting in March at Margaritaville, we would greatly appreciate the donation of an item for the silent auctions. Please call or email a description of your donated auction item(s) to Jeff Clarke or Mel Peterein (contact information below) prior to March 15, 2024, so that Bid Sheets can be prepared. Just bring your item to the Water For People booth on Sunday afternoon during set-up or in the evening at the opening reception. As always, thank you for your support of Water For People!

**Water For People** assists people in developing countries to improve quality of life by supporting the development of locally sustainable drinking water resources, sanitation facilities and hygiene education programs. Around the world, 884 million people do not have access to safe drinking water and 2.5 billion are without adequate sanitation facilities. Every day, nearly 6,000 people who share our planet die from water-related illnesses, and the vast majority are children. Water for People's vision is a world where all people have access to safe drinking water and sanitation, a world where no one suffers or dies from a water- or sanitation-related disease. More information on their work can be found at [www.waterforpeople.org](http://www.waterforpeople.org)

If anyone has any questions about **Water For People**, would like to learn more about how they can help in this cause, or has any other creative fund-raising ideas, please contact **Jeff Clarke, MWEA Committee Chair** at [jclarke@hydro-kinetics.com](mailto:jclarke@hydro-kinetics.com) or **Mel Peterein, MO-AWWA Committee Chair** at [mpeterein@ameren.com](mailto:mpeterein@ameren.com).

Hope to see you at Margaritaville.





**Missouri Water Environment Association**

**&**

**Missouri Section AWWA  
Benefitting “Water for People”**



**2024 Four Player Scramble Golf Tournament**

Sunday, March 24<sup>th</sup>, 2024

8:30 am Check-In

10:00 am Shotgun Start

*The Oaks Golf Course at Margaritaville Lake Resort*  
1524 State Hwy KK, Osage Beach, MO 65065

## Event Details

Online registration will be available through the conference registration website.

- Those who are registering for golf using a credit card should register on-line. Please note that we accept Master Card, Visa, and American Express during pre-registration only. On-site registration requires a check (payable to MWEA/MO AWWA).
- If you are paying by check: make check payable to MWEA/MO AWWA and mail with the completed registration form to Diane Grossenheider at the address on the form.
  - Golf entries need to be sent in by March 17, 2024.
- \$100/person Entry Fee. Includes: greens fees, cart, range balls, and hole competitions.
- \$250 Hole Sponsorship. Includes: sign on designated golf course hole and recognition on Water for People Banner.
- Lunch will be provided, and additional beverages will be available for purchase on the course.
- Withdrawal from the tournament or failure to appear will result in forfeiture of the entry fee. In the event that the tournament must be canceled due to inclement weather (at the discretion of the golf course and golf committee) the entry fee WILL NOT be refunded to all paid entrants.

***For questions, contact Dan Hufker at  
(618)667-7890 or [danhufker@flosystems.com](mailto:danhufker@flosystems.com)***

**2024 JOINT MWEA/AWWA ANNUAL CONFERENCE  
- FOUR PLAYER SCRAMBLE GOLF TOURNAMENT -**

**Benefiting “Water For People”**

**SUNDAY MARCH 24<sup>th</sup>, 2024**

**8:30 AM Check-In and Range Practice, 10:00 am Shotgun Start  
“The Oaks” at Tan-Tar-A  
Osage Beach, MO**

**GOLFER’S ENTRY FORM (\$100 per player)**

**Name** \_\_\_\_\_ **Date** \_\_\_\_\_

**Golfer's Address**

\_\_\_\_\_

**Phone** \_\_\_\_\_ **Fax** \_\_\_\_\_ **E-Mail** \_\_\_\_\_

**Team Name with Preferred Playing Partners (if any):**

\_\_\_\_\_

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

- ❖ We are no longer accepting credit card payments via this form, as we **have concerns in not being able to provide adequate security for credit card information sent through the mail.**
- ❖ You can register on-line through the conference registration website.
- ❖ If you are paying with a check, make payable to “MWEA/MO AWWA” and send with this form to:

**Dan Hufker  
Flo-Systems, Inc.  
905 Cherry Lane  
Troy, IL 62294  
danhufker@flosystems.com**

**2024 JOINT MWEA/AWWA ANNUAL CONFERENCE  
- FOUR-PLAYER SCRAMBLE GOLF TOURNAMENT -**

**Benefiting "Water For People"**

**SUNDAY MARCH 24<sup>th</sup>, 2024**

**8:30 AM Check-In and Range Practice, 10:00 AM Shotgun Start  
"The Oaks" at Tan-Tar-A  
Osage Beach, MO**

**SPONSORSHIP FORM**

I (we) are interested in being a Sponsor for the golf tournament. The following sponsorship is available for the tournament:

☐

1. Hole Sponsor - \$250

**Name of Sponsoring Firm or Individual**

\_\_\_\_\_

Address \_\_\_\_\_

Contact Person Name \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ Email: \_\_\_\_\_

Sponsors will be recognized with signs at the golf course as well as at their designated hole on the golf course during tournament play. Hole sponsors will be recognized with signs at their designated hole on the golf course. Sponsors will be recognized with a sign in the Exhibit Hall during the conference, on a banner at the Water for People booth, at the award ceremony being held during the Meet & Greet, awarding the prize for the sponsored event and acknowledgement in each organizations post-conference newsletter. Deadline for recognition on Exhibit Hall signage is **March 1, 2024**. Your donations are **tax deductible** as allowed by law and all sponsors will be provided receipts to that effect after the tournament. *ALL PROCEEDS COLLECTED FROM HOLE SPONSORSHIPS WILL BENEFIT "WATER FOR PEOPLE".*

- ❖ We are no longer accepting credit card payments via this form, as we **have concerns in not being able to provide adequate security for credit card information sent through the mail.**
- ❖ You can register on-line through the conference registration website.
- ❖ If you are paying with a check, make payable to "MWEA/MO AWWA" and send with this form to:

**Dan Hufker  
Flo-Systems, Inc.  
905 Cherry Lane  
Troy, IL 62294  
[danhufker@flosystems.com](mailto:danhufker@flosystems.com)**

COME ONE COME ALL TO THE

# SUNDAY NIGHT SOCIAL

Hosted by the MWEA/MO-AWWA Young Professionals

**SUNDAY, MARCH 24TH**

**8PM TO 11PM**

**PARASOL I/II**

Join us after dinner for **FREE** drinks, snacks,  
and yard games!



## BEER TASTING COMPETITION

Attendees can purchase a beer passport at the social for \$10. Participants will receive blind tasting pours of six local beers from Kansas City, Springfield, and St. Louis.

Submit your passport with your name and your favorite beer for a chance to win a prize. Winners will be announced at 10PM. Must be present to win. All proceeds go to **Water for People**.





A collage of breakfast items including croissants, blueberries, orange juice, and a waffle.

# Young Professionals Breakfast

New to the Joint Annual Conference?

Wanting to meet other Young Professionals in your industry?

**ALL YP'S WELCOME AT NO CHARGE!**

**TUESDAY, MARCH 26TH**

**7:30 TO 8:30 AM**

**LOCATION: ISLAND ROOM**

**IN BEACON BUILDING PAST THE ARCADE**

*Come and go as you are able.*

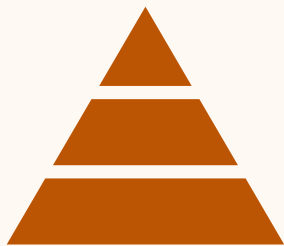


MO-AWWA & MWEA

# BUSINESS CARD SCAVENGER HUNT



The Business Card Scavenger Hunt is a great way to meet and mingle with professionals from across the industry (and state)! Collect business cards to be entered into a raffle for an Amazon Gift Card.



**TIER 1 - 5 Business Cards - \$25 Amazon Gift Card**

**TIER 2 - 10 Business Cards - \$75 Amazon Gift Card**

**TIER 3 - 20 Business Cards - \$200 Amazon Gift Card**

Qualifying for a certain tier automatically qualifies you for all lesser tiers. For example, qualifying for Tier 3 automatically puts you in the running for the Tier 1 and Tier 2 prizes!

## Ideas for Cards to Collect

- A presenter
- An operator from a utility
- A YP you've never met
- A current member of the board
- A member of a technical committee
- An award winner
- A vendor or exhibitor



Submit your business cards to be counted (and returned to you) at the [Registration Table](#) on Tuesday, March 26th from 12-1PM.

Contact [MooreBG@bv.com](mailto:MooreBG@bv.com) with questions!



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# 2024 MoAWWA/MWEA JOINT CONFERENCE

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## FRESH IDEAS STUDENT POSTER COMPETITION CALL FOR ABSTRACTS

**BE SEEN!** Meet water professionals from around the state, get yourself noticed, and make connections that just might land you a job.

**BE HEARD!** Share the results of your research or project work with the Missouri water community and get thoughtful feedback and ideas for future work.

**WIN A TRIP TO CALIFORNIA!** The winning student poster presenter will be sponsored to attend the AWWA national conference (ACE24) June 10-13, 2024 in Anaheim, California to compete against winners from other sections. 2<sup>nd</sup> and 3<sup>rd</sup> place posters for both water and wastewater will win cash prizes.

**Submit your abstract by Monday, Feb 12, 2024 by emailing the attached submittal form to [chair-elect@awwa-mo.org](mailto:chair-elect@awwa-mo.org).**

**POSTER CONTEST DETAILS:** The competition is on **Monday, March 25, 2024** at the 2024 MO-AWWA/MWEA Joint Conference at the Margaritaville Lake Resort, 494 Tan Tar A Drive, Osage Beach, MO 65065. Student Members of MO-AWWA or MWEA get **FREE** conference registration.

Topics related to drinking water, wastewater, stormwater, water resources and conservation are all eligible. Winning poster presenter will be expected to attend the AWWA national conference. Please contact [chair-elect@awwa-mo.org](mailto:chair-elect@awwa-mo.org) with any additional questions.





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# 2024 MoAWWA/MWEA JOINT CONFERENCE

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## FRESH IDEAS STUDENT POSTER COMPETITION ABSTRACT SUBMISSION FORM

Please fill out the form requested below and submit via email to [chair-elect@awwa-mo.org](mailto:chair-elect@awwa-mo.org) by **Monday, February 12, 2024**. Topics must be related to research or project work in the fields of drinking water, wastewater, stormwater, water resources or environmental engineering. Abstract should be less than 200 words.

### Rules & Requirements

The poster competition is open to undergraduate (BS) and graduate (MS and PhD) students. The poster should be organized as a graphical presentation that summarizes the student's research and/or project. While the poster does not have to follow a specific format, posters typically include the following sections: project overview, objectives, experimental procedures, materials, results, and conclusions. The poster shall be made on a **36" x 48" poster board**. Posterboards and pushpins will be provided at the conference.

Posters will be evaluated based on technical content, benefit towards water/wastewater industry, quality of oral presentation, and poster organization.

### Abstract Submission

Name:

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University:

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Degree Program:

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Expected Graduation:

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Poster Title:

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Subject Area:

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**Abstract:**



MWEA & MO-AWWA JAM

# PAINT & SIP EVENT

MARGARITAVILLE RESORT  
**WINDGATE HALL**

**SUNDAY | 24 | MARCH**  
**2024**

**1:00 PM to 3:00 PM**

A FUN AFTERNOON OF SOCIALIZING AND  
TRADITIONAL GUIDED PAINTING LESSON LED  
BY *GENERATIONS AT THE LAKE ART STUDIO*.  
**NO PAINTING EXPERIENCE NEEDED!**

**PAINTING | BEVERAGES | SNACKS | MUSIC**

Please sign-up in advance during  
conference registration. \$35 per person  
registration fee includes supplies.

**SPONSORSHIPS AVAILABLE**



## **MO-AWWA DRINKING WATER TASTE CONTEST**

The Executive Committee of MO-AWWA invites all utilities to participate in the 6th Annual Water Taste Contest at the joint MO-AWWA/MWEA conference in Osage Beach, MO, at the Margaritaville Resort on Monday, March 25th, 2024. Please **RSVP** if your utility plans on bringing a sample by March 21st, 2024, via email to ([cduckworth@carollo.com](mailto:cduckworth@carollo.com)) or by phone (314-629-8511). The judging will be done following Monday's breakfast at the Exhibition Hall (9:15-9:45 am). The winner will be announced at Wednesday's award lunch.

### **Contest Rules:**

Entries must be submitted by **8:30 am** on Monday, **March 25th, 2024** to Corinne Duckworth, Assistant Treasurer/Secretary (cell phone 314-629-8511, email [cduckworth@carollo.com](mailto:cduckworth@carollo.com)), at the Registration Table. Each entry will be logged and assigned an identifying number.

### **Requirements:**

1. One sample should be brought, in a 1-liter container, preferably glass. No markings should be on the container (such as utility name etc.)– the container will be marked at the conference with an identifying number known only to the MO-AWWA Water Taste Test Committee (Corinne Duckworth, Assistant Treasurer/Secretary).
2. Samples will be served at room temperature.
3. All entries must have incurred no state or federal drinking water violations (MCL, monitoring, record keeping, etc.) during the previous year.

### **Contest Judging:**

1. The panel of judges will be a mix of, MO-AWWA, MWEA and Association AWWA/WEF members.
  2. Samples will be judged on a 5-point scale from Best (1) to far from ideal (7).
  3. Scores will be tabulated and the winner will be announced at the awards lunch on Wednesday.
- Attendance to receive the award in person is highly encouraged.** 4. Only the winning sample will be announced – samples will not be ranked, nor will scores be released.

### **Winning Water System:**

1. The winning water system will receive the traveling plaque.
2. Additionally, the winning water system will be announced in the MO AWWA Show-Me Newsletter.
3. Lastly, the winner of the MO AWWA Section contest is eligible to compete at ACE24.

# The One AWWA Operator Scholarship

The One AWWA Operator Scholarship is funded through the support of AWWA's The Water Equation Campaign and the Missouri Section AWWA.

## **PURPOSE of AWARD**

AWWA's The Water Equation Campaign and the Missouri Section AWWA, will award One AWWA Operator Scholarships (1 or more) to cover registration costs to attend the Joint Annual Meeting for Water Operator training and education. The Joint Annual Meeting will be held March 24 – 27, 2024 at Margaritaville at Lake of the Ozarks in Osage Beach, Missouri.

The Scholarship award can be used for a single day registration or for a full registration. Single day registration includes conference meals for that day with a value ranging from \$185 to \$245 depending on the day of attendance. Full registration includes all meals with a value of \$300. Applicants wanting to attend 2 days of the conference should apply for full registration.

Each scholarship recipient will receive a one-year AWWA Operator membership (\$79 value).

## **ELIGIBILITY/GUIDELINES**

- Applicant must be a current water operator or seeking to enter the water operator profession.
- Applicant must be pursuing an Operator's License or Certification, two or four-year degree related to the water operator profession, or professional development.
- Disbursement of the funds will be made directly by the Missouri Section to the Joint Annual Meeting Registration Committee.
- The applicant is responsible for all travel and lodging costs associated with attending the Joint Annual Meeting.
- Applicant must reside or work within the State of Missouri.
- Acceptance of scholarship constitutes permission to use recipient's name and scholarship story for purpose of promotion.

## **APPLICATION PROCESS: DEADLINE/SELECTION/PRESENTATION**

Applications will be received by the Missouri Section until February 28, 2024. Scholarship awards will be announced by March 15, 2024. Selections will be made by the Missouri Section Scholarship Committee.

Complete the Scholarship Application and provide an essay as noted on the application form. Also, complete and include the Joint Meeting Registration Form (found on the conference website) indicating if you are applying for a single day or full registration. Please also indicate any meal functions you plan to attend.

All documents should be emailed to Mike O'Connell, Missouri Section Scholarship Committee Chair, email address [mjjoconnell@gmail.com](mailto:mjjoconnell@gmail.com). Please note "One AWWA Operator Scholarship Application" in the subject line of your email.

For questions contact Mike O'Connell at 913-908-9668 during regular business hours.

# The **One AWWA** Operator Scholarship APPLICATION

## APPLICANT INFORMATION

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

## EMPLOYMENT INFORMATION

Employer: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_ Current Position: \_\_\_\_\_

Number of Years at Job: \_\_\_\_\_ Operator Level: \_\_\_\_\_

Member of AWWA: Yes or No (Circle one) AWWA Member No. \_\_\_\_\_

Veteran: Yes or No (Circle One)

## HOW WILL YOU USE THE SCHOLARSHIP FUNDS (Check One)

Joint Annual Meeting Single-Day Registration: \_\_\_\_\_ Joint Annual Meeting Full Registration: \_\_\_\_\_

## NAMES OF TWO INDUSTRY OR PROFESSIONAL REFERENCES

Name/Title: \_\_\_\_\_ Phone: \_\_\_\_\_

Name/Title: \_\_\_\_\_ Phone: \_\_\_\_\_

## ATTACH THE FOLLOWING TO THIS APPLICATION FORM:

- One-page essay of career objectives, work history, current job duties and how this scholarship will enhance your ability for professional development and bring value to the water industry.

## CERTIFICATION

*I certify that the information included in this application is true and complete to the best of my knowledge and I grant permission to AWWA's The Water Equation Campaign and sponsoring Section to release my name and award for promotional use.*

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



## MWEA / AWWA 2024 Joint Conference

We are excited to be hosting MWEA/AWWA 2024 Joint Annual Conference and look forward to a successful and memorable event. To receive MWEA/MO-AWWA discounted room rates, reservations must be made by Friday, February 23, 2024.

Per night room rates: \$114.00 guest room

### To make reservations:

- Call Margaritaville Lake Resort at 1-800-826-8272 and mention MWEA
- OR --
- Go online at <https://www.margaritavilleresortlakeoftheozarks.com>, click on "Groups & Conferences Click Here" box, enter group code: **WATR**

The hotel's customary check-in time is 4:00pm and check-out time is at 11:00am. You may request an early check-in or late check-out at the Front Desk. Margaritaville Lake Resort will make every effort to accommodate your request.



**St. Louis:** Interstate 70 West to Kingdom City, exit right, turn left onto Highway 54 West. Continue on Highway 54 West through Jefferson City and Osage Beach, exiting right at the Highway KK exit. Turn right on Highway KK, remain on Highway KK, merging with traffic coming off the round-a-bout. Margaritaville Lake Resort will be 2 miles on the left. Approximate miles: 180-200

**Kansas City:** Interstate 70 East to Highway 65 South to Highway 54 East (at Preston) to Osage Beach. Exit right at the Highway KK exit and turn left. Remain on Highway KK, merging with traffic coming off the round-a-bout. Margaritaville Lake Resort will be 2 miles on the left. Approximate miles: 190-200

**Springfield:** Interstate 44 East to Lebanon, Highway 5 North to Camdenton, Highway 54 East to Osage Beach. Exit right at Highway KK Osage Beach, turn left. Remain on Highway KK, merging with traffic coming off the round-a-bout. Margaritaville Lake Resort will be 2 miles on the left. Approximate miles: 90

**Columbia:** Highway 63 South to Jefferson City, Highway 54 West through Osage Beach. At Highway KK exit right, turn right. Remain on Highway KK, merging with traffic coming off the round-a-bout. Margaritaville Lake Resort will be 2 miles on the left. Approximate miles: 9.

# 2024 MWEA/MO-AWWA JOINT ANNUAL MEETING REGISTRATION FORM

March 24-27, 2024 | Osage Beach, Missouri

## 4-Step Process:

1. **Enter contact information** (Fill out a separate form for each guest/spouse. All guests must be registered. No guests will be admitted to conference areas without a badge.)
2. **Select registration type**
3. **Select conference activities and meals**
4. **Pay conference fees**

## Step 1: Contact Information (Please print legibly)

NAME: \_\_\_\_\_  
Last First Middle

COMPANY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
Street City State Zip Code

EMAIL ADDRESS: \_\_\_\_\_ PHONE #: \_\_\_\_\_

EMERGENCY CONTACT INFORMATION (NAME/PHONE): \_\_\_\_\_

MEMBER NUMBER WEF \_\_\_\_\_ AWWA \_\_\_\_\_ MWWC \_\_\_\_\_

OPERATOR CERTIFICATE/ENGINEER LICENSE NUMBER \_\_\_\_\_

## Step 2: Select Registration Type

	Full Conference Early-bird Rate Deadline 2/16/2024 (includes meals)	Full Conference Regular Rate Starting 2/17/2024 (includes meals)	One-Day Rate (includes lunch; other meals purchased separately below)	Amount Due
Member	\$330	\$355	\$200 Circle day M T W	
Nonmember	\$400	\$435	\$230 Circle day M T W	
Speaker (Member)	\$330	\$355	\$0 Circle day: M T W	
Speaker (Nonmember)	\$400	\$435	\$0 Circle day: M T W	
MWEA/MO-AWWA Retiree Member or Life Member, MWEA Retired Past President, or MO-AWWA Retired Past Chair	\$0	\$0	\$0 Circle day: M T W	
Awardee (LUNCH ONLY) (select meal below)			\$0 Circle one:	
Student (meals included)	\$0	\$0	\$0	
Spouse/Guest (meals NOT included, purchase below)	\$0	\$0	\$0	
Subtotal				

Register Online: [jammissouri.com](http://jammissouri.com) | Early Bird Deadline: February 16, 2024 | Registration Deadline: March 15, 2024



### Step 3: Select Activities & Meals

	Full Conference Early-bird Discount <b>Select meals below</b>	Full Conference Regular Rate <b>Select meals below</b>	One-Day Rate <b>Meals purchased separately below</b>	<b>Amount Due</b>
Sunday Lab Workshop (by itself with no conference ticket)			\$60 Check here <input type="checkbox"/>	
Sunday Lab Workshop (included with full conference ticket)				
Paint & Sip Event			\$35 Check here <input type="checkbox"/>	
Sunday Reception			\$30 Check here <input type="checkbox"/>	
Monday Opening Breakfast			\$40 Check here <input type="checkbox"/>	
Monday Lunch			\$45 Check here <input type="checkbox"/> Circle: MWEA Awards or AWWA	
Tuesday Breakfast			\$35 Check here <input type="checkbox"/>	
Tuesday Lunch			\$45 Check here <input type="checkbox"/>	
Tuesday Banquet			\$65 Check here <input type="checkbox"/>	
Wednesday MWEA 5S Breakfast <b><u>MWEA 5S MEMBERS ONLY</u></b>	\$30 Check here <input type="checkbox"/>	\$30 Check here <input type="checkbox"/>	\$30 Check here <input type="checkbox"/>	
Wednesday Lunch			\$35 Check here <input type="checkbox"/> Circle: AWWA Awards or MWEA	
Voluntary contribution to Water For People				
<b>Subtotal This Page</b>				
<b>Previous Page Subtotal</b>				
<b>Grand Total</b>				

## Step 4: Payment

Credit cards are ONLY accepted online. Checks made out to MWEA/MO-AWWA (or green MDNR vouchers) can be mailed with this form to Attn: Nick Davis and Mike Castner, Hydro-Kinetics, 5741 Manchester Ave, St. Louis, MO 63110. Questions to: MWEA, Andrew Schranck at [aschranck@lochgroup.com](mailto:aschranck@lochgroup.com); MO-AWWA, Natalie Dees, [ndees@garney.com](mailto:ndees@garney.com). Requests for refunds will be honored, less a \$50 processing fee, only if received in writing by March 15, 2024.

## MWEA / MO-AWWA Policies

By registering for this event (2024 MWEA/MO-AWWA Joint Annual Meeting, referred to as JAM24), you agree to abide by the policies below.

### Cancellation

Guarantees for food & beverage, space rental, and printing cannot be changed by MWEA/MO-AWWA at the last moment. For this reason, we must adhere to strict cancellation guidelines. Requests for refunds will be honored, less a \$50 processing fee, only if received in writing via email or letter by March 15, 2024. No refunds will be made after March 15, 2024. Send your cancellation notice to [ndees@garney.com](mailto:ndees@garney.com) or by mail to Attn: Nick Davis and Mike Castner, Hydro-Kinetics, 5741 Manchester Ave, St. Louis, MO 63110.

### Speakers

People who are selected as a presenter may attend their own session and other technical sessions on the same day at no charge. If a speaker would like to attend breakfast or a reception that day, they must purchase a separate meal ticket. Lunch is included in the one-day complimentary registration. Speakers who are attending the entire conference do NOT receive a discount; however, all meals are included with the full conference ticket. The Speaker Discount Code was sent to all speakers via email and can also be obtained from Andrew Schranck at [aschranck@lochgroup.com](mailto:aschranck@lochgroup.com) or Natalie Dees at [ndees@garney.com](mailto:ndees@garney.com).

### Students

A student is defined as a person enrolled full-time in an institution of higher learning. Students are encouraged to attend the conference on a complimentary basis and to join MWEA or AWWA. There are many opportunities for students to participate such as presenting a technical session or competing in the MO-AWWA Fresh Ideas Poster Contest. Students can register for free with meals included using the Student Discount Code which can be obtained from Tori Burkdoll, MWEA Student Activities Committee Chair at: [tburkdoll@gbateam.com](mailto:tburkdoll@gbateam.com) or Corinne Duckworth, MO-AWWA Student Activities Committee Chair at [cduckworth@carollo.com](mailto:cduckworth@carollo.com).

### MO-AWWA Retiree Member, Life Member, or Retired Past Chair

To be eligible for this complimentary full conference registration ticket, a person must be retired from the water industry and a current member of MO-AWWA OR an AWWA Life Member OR Past Chair. All registrants who request this discount will be verified with MO-AWWA. The Discount Code can be obtained from Natalie Dees at [ndees@garney.com](mailto:ndees@garney.com).

### MWEA Retiree Member, Life Member, or Retired Past President

To be eligible for this complimentary full conference registration ticket, a person must be retired from the water industry and a current member of MWEA OR have received Life Member status from MWEA OR be a retired Past President. All registrants who request this discount will be verified with WEF. The Discount Code can be obtained from Andrew Schranck at [aschranck@lochgroup.com](mailto:aschranck@lochgroup.com).

### Awardees

Awardees, like all conference participants and guests, are required to complete the registration process. The Awardee (LUNCH ONLY) path is for registrants who will only attend an Awards Luncheon and no other conference proceedings. This registration type covers attendance of the Awards Luncheon. See guest policy below for anyone accompanying an Awardee at their Awards Luncheon. MWEA Awards Luncheon is held on Monday. MO-AWWA Awards Luncheon is held on Wednesday.

### Spouses/Guests

To secure the safety of all attendees, no one will be admitted to conference areas without a badge. Therefore, all guests including spouses must be registered. There is no fee to register a guest or a spouse, and no CEU credit can be awarded for this registration type. Meal tickets can be purchased for spouses and guests.

### Release

Attendance at or participation in MWEA/MO-AWWA's JAM24 is subject to the release below, and compliance with MWEA/MO-AWWA and the conference and event facilities' policies and procedures.

I hereby release, covenant not to sue, discharge, and hold harmless MWEA/MO-AWWA and its affiliates, including their respective employees, officers, directors, agents, and/or representatives, from any claim or cause of action, including all liabilities, penalties, losses, damages, costs, or expenses of any kind, arising out of or relating to attendance at or participation in JAM24. I agree that the foregoing release, discharge, and covenants apply even when MWEA/MO-AWWA or its affiliate directly or indirectly caused injury, losses, or other harm related to JAM24 participation, whether by negligent acts or omissions, and whether injury, losses, or other harm related to JAM 24 participation occurs before, during, or after participation in any MWEA/MO-AWWA (or affiliate) program. This release is binding on my heirs, administrators, executors, successors, and assigns.

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Name

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Signature

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Date

Register Online: [jammissouri.com](http://jammissouri.com) | Early Bird Deadline: February 16, 2024 | Registration Deadline: March 15, 2024