

FINAL PROGRAM - 1/22/2024

Monday, April 8, 2024

Time	Room 106A		Room 106B		Room 107A		Room 107B		Room 202A		Room 202B		Room 201A, 201 B/C	
	WASTEWATER TREATMENT	PRESENTER	WASTEWATER TREATMENT	PRESENTER	COLLECTION SYSTEMS	PRESENTER	ENGINEERING	PRESENTER	WATER TREATMENT	PRESENTER	WATER TREATMENT	PRESENTER	MANAGEMENT	PRESENTER
10:00 - 10:45	<i>Turning the Corner: Introduction to PAA Disinfection at Wastewater Treatment Facilities</i>	Ben Luke - Gresham Smith	<i>Class A for Franklin: Startup of the South's First THP System</i>	Laurel Schaich and Zack Daniel - CDM Smith, Inc.	<i>Memory Lane SSO – Appropriate Construction Methods for Challenging Projects, Importance of Communication and Lessons Learned</i>	Matt Alpaugh - Jefferson County Environmental Services and Derek Kelley - Jacobs	<i>Alabama/Mississippi American Rescue Plan Act(ARPA) Keys to a Successful Project</i>	John Laney - ADEM and William Moody - MSDH	<i>Selecting a Drinking Water Treatment Process to Address Multiple Water Quality Challenges</i>	Alex Pofahl - HDR	<i>Reviving the Past: Rehabilitation of an Aging Water Treatment Plant for a Sustainable Future</i>	Ben Lawrence - Ardurra and John Buxton - Huntsville Utilities	<i>Rethinking Redundancy in an Age of Questionable Supply Chains and Worker Shortages</i>	Jacob Maynard - Krebs Engineering, Inc.
10:45 - 11:30	<i>See, Clean, Verify: Enhancing Wastewater Tank Management with Advanced Imaging and Mapping Technology</i>	Megan Ross - SediVision, LLC	<i>How Flushable Plastics, Disposable Wipes & Grinders Affect Performance & Maintenance of Headworks & Membrane Protection Screens, Wastewater Membranes & Aeration Manifolds and their Operations & Maintenance</i>	Abner Aviles - Ovivo	<i>School's Out for the Summer - Rehabilitation of Helena Intermediate School Lift Station</i>	Trey Tidmore - Garver	<i>How to Pump Downhill: A Closer Look at Pump Hydraulics and ARV Sizing</i>	Cameron Traylor and Caleb Wilson - Gresham Smith	<i>PFAS Fatigue - The Subject You're Tired of Hearing About</i>	Bryan Pate - Insite Engineering	<i>The Basic Principles of Water Treatment Media Pilot Trial Design and Evaluation</i>	Neal Megonnell - Aqueous Vets	<i>The Jackson Water Crisis - How and Now!</i>	Ted Henifin - JKN Water, Inc.
11:30 - 1:15	LUNCH													
	WASTEWATER TREATMENT	PRESENTER	CONTROLS	PRESENTER	COLLECTION SYSTEMS	PRESENTER	ENGINEERING	PRESENTER	WATER TREATMENT	PRESENTER	DISTRIBUTION SYSTEM	PRESENTER	MANAGEMENT	PRESENTER
1:15 - 2:00	<i>Keys to Successful Phosphorus Removal Processes</i>	Sean Scuras - Garver	<i>Protect your System by Integrating Cybersecurity into your Control System (SCADA Design Principles)</i>	Donny Driver - City of Tuscaloosa and Alex Houston - Jacobs	<i>Jefferson County AL's Leveraging Data Driven Approaches and Tools to Optimize and Achieve Asset Management Goals</i>	Daniel White - Jefferson County Environmental Services and Steve King - Hazen and Sawyer	<i>There is a smart pig in your "Pressure Pipe" squealing cost effective, high-res results</i>	Jimmy Stewart - American Pipeline Solutions	<i>Florida Town Becomes Part of First AFFF Bellwether Trial From PFAS Elimination</i>	Geoff Burdick - Aqueous Vets	<i>How Smart Metering Can Provide a Daily Distribution Leak Survey</i>	Sandra Brown - Kamstrup	<i>Q&A on Jackson Water Crisis</i>	Ted Henifin - JKN Water, Inc.
2:00 - 2:45	<i>Aerobic Digester Upgrade Improves Performance and Saves Money</i>	Freddy Kade - EnviroMix	<i>The Technology Evolution in Water Processing: Emerging Instrument & Process Optimization Tools</i>	Kathryn Gimbrall and Stephen Daly - Hach	<i>Comprehensive Rehabilitation: Evaluating the Results</i>	Tina Sheikhzeinaddin and Anthony Carlisle - Hazen and Sawyer	<i>Searching for the Smoking Gun</i>	Morgan Bell and Hayley Anderson - Barge Design Solutions	<i>Treatment Strategies for PFAS: Factors That Should Drive Your Decision</i>	Dana Raughton and Scott Grieco - Jacobs	<i>The Role of Smart Tanks in Distribution Water Quality Management</i>	Pete Kyrkos - Cleanwater1	<i>Anatomy of a Utility Fee</i>	Gary Sanders - Utility Information Pipeline, LLC
2:45 - 3:30	<i>Dewatering 101: Design and Operational Considerations for Your Dewatering Facility</i>	Rusty Tate - Garver	<i>Oxygen/Ozone for H2S Odor and Corrosion Control</i>	Greg Bock - Anue Water Technologies LLC	<i>Cost Estimating and Construction Management of Sewer Rehabilitation Projects</i>	John Willett - Jefferson County Environmental Services and Tad Powell - Hazen and Sawyer	<i>Update from USDA Rural Utilities Service</i>	Sarah Tracy and Robert Green - USDA Rural Development	<i>Metal recovery from reverse osmosis concentrates</i>	David Ricardo Martinez-Vargas - Auburn University	<i>Achieving LCRR Compliance for Service Line Inventory Development using Predictive Modeling</i>	Rachel Cohen - HDR	<i>Wastewater Consent Decree – An Update from the Trenches</i>	David Hodge - City of Meridian and Jason Gault - Kimley-Horn
3:30 - 4:15	<i>The Wastewater Laboratory: Sample Collection, Method Selection, and Equipment Performance</i>	Suzy Lindblohm - Hach	<i>What cyber risk? Our SCADA is Isolated...</i>	David Brearley - HDR, Inc.	<i>In God We Trust ... All Others Bring Data! How Cost-Effective, Improved Accuracy Data Drives Strategic Rehabilitation in Sanitary Sewer Collection Systems</i>	Calressia Clark - MAWSS and John McConnell - RH Borden	<i>Bad Record Drawings? How 3-D Surveying Can be Used to Reduce Change Orders</i>	Ethan Hicks - City of Tuscaloosa and Matt Tabor - Garver	<i>Water Reuse at Industrial Facilities and Impacts on Utilities</i>	Kent Hartzog - Gresham Smith	<i>Flowing into the Future: Evaluating the Optimum Water Transmission Route with a Non-Cost-Identifiable Evaluation Matrix</i>	Ashley Turnbull and Ben Lawrence - Ardurra	<i>Women in Water Roundtable: Things We Wish We'd Known - Inspired by the Book "I Wish I'd Known This - 6 Career-Accelerating Secrets for Women Leaders"</i>	<i>Erin Fleet - Barge Design Solutions, Karina Jensen - Kimley-Horn, April Nabors - BWWB, and Nina Williams - Jacobs</i>
4:15 - 5:30	EXHIBIT HALL - HAPPY HOUR													

Tuesday, April 9, 2024

Time	Room 106A		Room 106B		Room 107A		Room 107B		Room 202A		Room 202B		Room 201A, 201 B/C	
	WASTEWATER TREATMENT	PRESENTER	WASTEWATER TREATMENT	PRESENTER	COLLECTION SYSTEMS	PRESENTER	ENGINEERING	PRESENTER	WATER TREATMENT	PRESENTER	WATER TREATMENT	PRESENTER	ROUNDTABLE DISCUSSIONS	PRESENTER
8:45 - 9:30	<i>The Good, The Bad, and The IPA – Brewery Wastewater Overview</i>	<i>Carolyn Biddle and Grady Freeman - Kimley Horn</i>	<i>Enhancing Efficiency and Cost Savings in Wastewater Treatment Plants through Sludge Screening: What Every Plant With Primary Clarification and/or Anaerobic Digestion Should Know</i>	<i>Steve Frank and Christian Primm - Huber Technology, Inc.</i>	<i>Master Planning for an Exclusively Low-Pressure Force Main Collection System in South Mobile County</i>	<i>Katie McGuyer - Volkert, Inc.</i>	<i>How to Get the Most out of Your Funding: Cost Estimating and Budgeting Challenges For Engineers and Utility Owners</i>	<i>Trey Hopper and Jeremy Lipscomb - Goodwyn Mills Cawood</i>	<i>Quantitative Comparison of Reactive vs Proactive Chemical Containment</i>	<i>Nichole Moscoso - ChlorTainer</i>	<i>Complying with Proposed Drinking Water MCLs for PFAS: How Do I Handle These Highly Concentrated PFAS Treatment Waste Streams and Residuals?</i>	<i>Stuart Jeffcoat - HDR</i>	Young Professionals Roundtable	<i>Tina Sheizheinnaddin - Hazen and Sawyer and Whitney Zirkle - Jacobs</i>
9:30 - 10:15	<i>Global Solutions for Wastewater Treatment Simplification with Flat Plate Membrane Bioreactor Technology</i>	<i>Larry Morris - Kubota Membrane USA</i>	<i>Continuous Flow Densification of Activated Sludge at Crooked Creek Water Reclamation Facility</i>	<i>Gaya Mohan - Hazen and Sawyer</i>	<i>Ice Pigging - Advanced Pipe-Cleaning Technology</i>	<i>Shane Garner - American Pipeline Solutions</i>	<i>Navigating Water Infrastructure Funding</i>	<i>Kim Colson - HDR, Inc.</i>	<i>The Nuts and Bolts of Adsorption Piloting for PFAS Treatment</i>	<i>Molly McManus - Intuitech</i>	<i>Enhancing Water Treatment Plant Operator Training with Replica Simulation: Improving System Resilience and Performance</i>	<i>Jackson Corley and Jessica Baker - Jacobs</i>	<i>Culture: Management's Role and Why It Matters</i>	<i>Debra Miller and Kimberly McNany - Ken Chapman and Associates</i>
10:15 - 11:00	BREAK													
	ETHICS/SUSTAINABILITY	PRESENTER	LABORATORY	PRESENTER	COLLECTION SYSTEM	PRESENTER	COLLECTION SYSTEMS	PRESENTER	WATER TREATMENT	PRESENTER	SAFETY	PRESENTER	CONSTRUCTION	PRESENTER
11:00 - 11:30	<i>Engineering Ethics</i>	<i>Steve Tweedt - Mississippi Board of Licensure for Professional Engineers and Surveyors</i>	<i>Is SOUR Testing Leaving a Bad Taste?</i>	<i>Lenette West - Hach</i>	<i>Private Wells: Who is using them and How is the water quality?</i>	<i>Jason Barrett - Mississippi Water Resources Research Institute</i>	<i>Updating your AWIA Risk and Resilience Assessment Prior to the 2025 Deadline</i>	<i>Leigh Sexton - HDR, Inc.</i>	<i>Addressing the Proposed PFAS Rule at Birmingham Water Works (BWW)</i>	<i>Grace Xu - Arcadis and Drusilla Hudson - Birmingham Water Works</i>	<i>Safety Considerations in Sewer Bypass Pumping</i>	<i>Ladd Gould and Scot O'Bryan - Sunbelt Rentals</i>	<i>Temporary Retaining Structures and Support Systems for Excavations – What Trench Boxes Were and Were Not Designed to Do, and When You Must Get an Engineer Involved</i>	<i>Bruce Magee - United Rentals</i>
11:30 - 12:00	<i>Barriers to Sustainable Wastewater Solutions in the Alabama Black Belt in a Time of Federal Infrastructure Funds</i>	<i>Mark Elliott - University of Alabama</i>	<i>New EPA Proposed Maximum Contaminant Levels and UCMR5 for Drinking Water...Now what?</i>	<i>Lindsay Boone - Pace Labs</i>	<i>An MicroSorbent Alternative to using GAC and IX for PFAS Removal</i>	<i>John Dyson - Aqua-Aerobic Systems, Inc.</i>	<i>A Cost Saving Alternative for Industrial Flows with High Sulfides -Aerobic Force Mains Don't Generate</i>	<i>Ali Troller - ECO Oxygen Technologies</i>	<i>Changing the Game with Chlorine Dioxide for Water Treatment</i>	<i>Brian Daniel - Athens Water and Tom Harwell - Hazen and Sawyer</i>	<i>Plant Safety During Construction in Your Facility</i>	<i>Christy Perdue - Brasfield and Gorrie</i>	<i>Rehabilitation of Pressure Pipe</i>	<i>Chad Andrews - Underground Solutions, Inc.</i>
12:00 - 1:15	LUNCH													
	WASTEWATER TREATMENT	PRESENTER	WASTEWATER TREATMENT	PRESENTER	COMMUNICATION	PRESENTER	COMMUNICATION	PRESENTER	COLLECTION SYSTEMS	PRESENTER	SAFETY	PRESENTER	CONSTRUCTION	PRESENTER
1:15 - 2:00	<i>A review of the emergency design and Installation of a 20 MGD UV system for Gulfport Mississippi</i>	<i>Romeo Vela - Glasco UV</i>	<i>UV Disinfection at Cahaba WRF - Lessons Learned from Design, Construction, and Startup</i>	<i>Kaitlin Allen - CDM Smith and Jeremy Creel - Jefferson County Environmental Services</i>	<i>The Art of Feedback</i>	<i>James Parsons - Schoel</i>	<i>Communication Crossroads - Operating Successfully at the Intersection of Planning and Opportunity</i>	<i>Marci Davis - Jacobs</i>	<i>A-tractive Forces in Sewers – A better looking way a assess and design for solids transport in sanitary sewers</i>	<i>Sami Sinak and Kirk Mills - Kimley-Horn</i>	<i>Alabama's Dam Safety Program: What it Means for Water utilities</i>	<i>Steve Newton - TTL, Inc.</i>	<i>Recent Advances in Water-based Coatings and Their Contributions to Asset Protection and Sustainability Goals</i>	<i>Brian Cheshire - Tnemec and Robert Crumbaugh - SteelCon Coatings</i>
2:00 - 2:45	<i>On-Site Sodium Hypochlorite Generation: A Safe and Reliable Disinfection Alternative to Bulk Sodium Hypochlorite and Gas Chlorine</i>	<i>Pete Kyrkos - Cleanwater1</i>	<i>Evaluation of E. coli Removal through a Shallow Gravel Conveyance Bed</i>	<i>Madison Grace - University of South Alabama</i>	<i>Temporary Drainage Management:</i>	<i>Imad Aleithawe - Waggoner Engineering, Inc.</i>	<i>Water Talk: A Two-Way Conversation on Emerging PFAS, LCRR, and AMI Challenges</i>	<i>Beth Frady and Olivia Smith - HDR, Inc.</i>	<i>Attacking a Two-Headed Monster - Addressing Historic SSO's within the City of Decatur through Collection System Upgrades and WWTP Improvements</i>	<i>Jordan Young and Tom Celeveland - Decatur Utilities and Wes Cardwell - Garver</i>	<i>Alabama 811</i>	<i>Kim Covan - Alabama 811</i>	<i>Available Alternative Delivery Methods For Project Delivery in a Volatile Market - An Introduction</i>	<i>Greg Welch - Jacobs</i>
2:45 - 3:30	<i>SCADA Alarm Management Technologies, Tips & Tricks</i>	<i>Andrew Green - VT-SCADA</i>	<i>Filamentous and Sludge Blankets; BioMag Saves the Day!</i>	<i>Richard Liebhaber - Evoqua Water Technologies, LLC/Xylem</i>	<i>How Alabaster Water Board is Utilizing Current and Emerging Communication Methods to Improve Communication of Needed Information - Good or Bad</i>	<i>Laura Koon and LaDonna Chapman - Alabaster Water</i>	<i>From Cluttered to Compelling: The Assertion-Evidence Blueprint for Engaging Technical Presentations</i>	<i>Krysten Marshall - Garver</i>	<i>Reducing Inflow and Infiltration (I&I) using CMMS and GIS Dashboard Technology</i>	<i>Marc Courville and Xavier DeKarske - Athens Utilities</i>	<i>Mississippi 811</i>	<i>Bill Rutledge - Mississippi 811</i>	<i>Navigating the Challenges of Executing a Master Plan in a Dynamic Environment</i>	<i>Doug Cote - MAWSS and David Stejskal - Jacobs</i>
3:30 - 4:15	EXHIBIT HALL MOBILE SESSIONS (TRACK A - WATER, TRACK B - WASTEWATER)													

Wednesday, April 10, 2024

Time	Room 201 A		Room 201 B/C	
	REGULATORY UPDATES	PRESENTER	REGULATORY UPDATES	PRESENTER
8:00 - 8:45	<i>MDEQ Wastewater</i>	<i>Bradley Crain - MDEQ</i>	<i>ADEM Drinking Water Updated</i>	<i>Alex Chavers - ADEM</i>
8:45 - 9:30	<i>MSDH Water</i>	<i>Bill Moody - MSDH</i>	<i>ADEM Wastewater Update</i>	<i>Emily Anderson - ADEM</i>
9:30 - 10:15	<i>MS Drinking Water and Clean Water Funding Updates</i>	<i>Harry Gong - MSDH and Brent Jones - MDEQ</i>	<i>ADEM Drinking Water and Clean Water SRF Updates</i>	<i>Eric Reidy - ADEM</i>
CONFERENCE ENDS				