

Monday, May 1, 2023

Convention Center

Hotel Hot Springs

Room	C102	C103	C104	C105	C201/C202	C203/C204	C205	C207	C208	C209	Ballroom I	Ball Room II
Topic	Water - Process	ADH	Wastewater – Disinfection	Water - Distribution	Collection Systems	Utility Management	Backflow Prevention	Water 2050 Workforce	ADEQ	Lab Pretreat.	Wastewater Licensing	Math
Presider	Kira Wise	Jack Wilson	Ashley Ferguson	Meg Kelch	Johnny Lunsford	Moriah Winkel	John Beard	Raven Lawson	Jason Bolenbaugh	Rebecca Burkman	ADEQ	
8:45	Pellet softening for Ground & Surface Water Treatment Ashley Pifer, PhD, P.E. Garver	ADH Drinking Water Program Update Lance Jones, P.E. ADH	An Overview of Different Style UV Systems Technology Romeo Vela, M.E., MBA Glasco UV	Solutions & Side Effects: Using a Hydraulic Model to Identify & Mitigate Pressure Problems Rick Pulvirenti, P.E. Brad Hammond, P.E. Chris Hall, P.E. Olsson	Collection System Licensing Training	Benefits of Building Sensitivity Analysis into Your Financial Plan Jennifer Ivey, P.E. Carollo	Effects of Winter Storm 2023 Lloyd Rainey Mid-America Marketing	The Current Workforce and Preparing for the Future: Part 1: Navigating a Multi-generation Workforce Part 2: Succession Planning: Recruiting from Within and Transitioning Your Workforce Without Losing Knowledge and Skills Michael Brown Insight Leadership Group	How Do I Register and Renew My Wastewater Operator License Eportal. Sarah Pierce, Stacie Wassell DEQ	Mobile Food Truck for Potable Water Ken Kelly ADH		
9:45	Water Reuse Rules & Successful Demonstration Projects Thomas Crowley, P.E. Carollo	Drinking Water Monitoring Update Susan Corder ADH	Impact of Proper Chemical Metering Matthew S. Martin, MBA Lutz Pumps, Inc.	\$200 Air Release Valve Postponed \$25,000 Booster Pump Station Project by Years Eric Dole, P.E. PSAP Garver	Collection System Licensing Training	Alternative Delivery or Hard Bid Contract: Which is the Right Decision for your Project Craig A. Johnson, P.E. Crist Engineers	Backflow – Types, Manufacturers and the Best for Your Application Brian Fiorisi Test Gauge TX		A Review of the Inspector's Accomplishments, and Compliance Branch Forecasts and Changes Jason Bolenbaugh DEQ	Pretreatment Jeopardy Joshua Balentine Brown & Caldwell	Wastewater Licensing	Math
10:45	GAC Adsorption Process Design Considerations Zaid Chowdhury, PhD, P.E., BCEE Garver	ACT 605 / Water Plan Compliance Ryan Benefield, P.E. NRD	Wastewater Disinfection with PAA - an Operator's Perspective Aaron Benzing, P.E., Operator Panel Hawkins-Weir	Installing Continuous Monitoring Sensors to Improve Water Loss Control, Operations, & Asset Management Josef Dalaeili, P.E. Johnny Lunsford Garver	Collection System Licensing Training	One Size Fits All? Model-based Approach to Assess & Improve Team Collaboration Jennifer L. Russell, EISE, CSEP Garver	Everything You Wanted to Know About Fire Sprinklers but were Afraid to Ask Coleman Farrar AFSCA	<u>PANEL</u> The Water 2050 Workforce: Setting Up YPs and Future Generations to Help Solve Problems in 2050 and Beyond	What's needed in a Waste Management Plan? Rachel Lipsey Engineer, DEQ	Wastewater Surveillance for COVID Camila Silva PhD FDA, NCTR		

Conference Luncheon located in the Exhibit Hall

Topic	Water Process	ADH	Nutrient Removal	Water - Distribution	Collection Systems	Utility Management	Backflow Prevention	Young Professionals	ADEQ	Lab Pretreat.	Wastewater Licensing	Math
Presider	Meghan Post	Taylor Brown	Ashley Ferguson	Ashley Pifer	Johnny Lunsford	Robert Ring	Greg Cagle	Terrian Tyler	Michael Young	Jornetta Shaw	ADEQ	
1:30	Tank Mixing-Case Studies on DBP & Head Space Temp Reduction Lucy Allen Kasco	LCR – Service Line Inventory Aaron Hilborn, P.E. ADH	Doubling Capacity of a BNR Facility w/ Most Stringent Phosphorous Limit Rusty Tate, P.E. Garver	Satellite Based Leak Detection: A Case Study for the Cherokee Nation Eric Trerotola ASTERRA	Collection System Licensing Training	Leveraging Energy Management Principles to Enhance Asset Management Programs Eric Dole, P.E. PSAP	Benefits of Smart Meter Alarms Josh Freeman Core & Main	The 9 Essential Expectation of Leadership for Everyone Jon Harrison Jon Harrison VIP	What is PFAS and Why the Concern? Joe Martin, Water Quality Branch Manager, DEQ	Considerations for Implementing Ammonia-based Aeration Control Steve Wortendyke YSI		
2:30	Risk & Resiliency: Using Water Modeling to Plan for the Worst Ryan Pottinger, P.E. Garver	Water Infrastructure Funding Debby Dickson NRD	Side Stream Fermentation for BNR Jim Vetter, P.E. Olsson	What to do when ARDOT Comes Through Chad Coats Richard Thomas ARDOT	Collection System Licensing Training	Incorporating Equity in Water Resources and Infrastructure Planning Jessica Fritsche Carollo	ADH Updates Robert Reaves ADH	Atomic Habits: Finding and Implementing Workflow Habits that Work for You Akissi Brooks Ambitious Girls, Inc.	Can my Effluent Cause Blue Green Algae and What Should I do? Brie Olsen, Ecologist Coordinator DEQ	Using Technology for Pretreatment and FOG Programs Eric Snell Swift Comply	Wastewater Licensing	Math
3:30	Algae Control on Lake Maumelle Bradley Meredith CAW	Water Operator Licensing Update Heather Parker-Foster ADH	Biological Nutrient Removal Capabilities in an Oxidation Ditch Cory Brody Ovivo	Designing a Pump Station the Size of a Football Field Tim Malcolm, P.E. Darryl Fendley, P.E. Black & Veatch	Collection System Licensing Training	Tailored Tools – How to Pick a Project Management Information System That Works for You Jennifer L. Russell, EISE, CSEP Garver	Round Table Discussion BPAA Board	<u>PANEL</u> How to Build Relationships and Engage in the Industry at All Levels	Industrial General Permits Inspection Top Ten Issues Michael Young, Inspector Supervisor DEQ	Pretreatment Panel Discussion Brad Stewart Springdale Water		

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Topic	Wastewater - Process	ADH	Instrumentation/ Software	Sustainability	Collection Systems	Equipment	Contaminants	Asset Management	ADEQ	Data Management	Water Certification	Wastewater Licensing	Math
Presider	Jessica Hart-Terry	Stan Starling	Joe Durrance	Aryana Davin	Andy Robinson	Ben West	Rebecca Burkman	Isabella Tibbets	Richard Healey	Mason Allen	ADH	ADEQ	
8:45	Headworks: First Line of Defense – 5 Critical Success Factors Rusty Tate, P.E. Garver	Boil Water Advisories Devin Moon ADH	"SCADA Does not have to be Complicated or Expensive" Samantha McPheter, Pres./CEO eLynx Water Solutions	Alternative Contracting Methods for I&I Reduction Paul Batman Arcadis	Tackling I&I and Odor: A Modern Approach Brent Hutchins Brad Greer and Associates	Reducing Clogging & Increasing Centrifugal Pump's MTBM Ed Dunn Trillium Flow Technologies	The Benefits of a Resilient Water Treatment Plant for Complying with DBP & PFAS Regulations Zaid Chowdhury, PhD, P.E., BCEE Garver	Keeping Track of Development & It's Impact on Water and Wastewater Systems Matt Huang, P.E. Carollo	Arkansas Wastewater Licensing Committee Meeting Sarah Pierce, Richard Healey DEQ	Dynamic Water Demand Planning with ArcGIS Jessica Fritsche Carollo	ADH Compliance	Wastewater Licensing	Math
9:45	pH & Alkalinity Adjustment Chemical Feed Systems Thomas O. Crowley, P.E. Carollo	Bacteriological Sampling Jake Chatman, P.E. ADH	Hydraulic Modeling w/ Smart Meters in Hot Springs-an Update John Keckler, E.I./Trevor Voegelé, E.I. Crist	Successful Case Studies for Biogas Upgrading & Use in Pipelines & Vehicle Fueling Tyler Dougherty, P.E. Carollo	Composite Framing Covers Andrew Moseley McIntire Management Group	Pump Fundamentals Paul Strickland, P.E. Garver	Investigation of Alternative Management Strategies to Prevent PFAS from Entering Drinking Water Supplies & WW Rebecca Poole, P.E. Carollo	Where are We Going with Pressure Pipeline Assessments? Stephen Jeffus, P.E. RJN	Good Laboratory Practices Paige Heigle Lessie Redican, DEQ Laboratory	Using Technology to Take SSES's "Back to the Future!" Lisa Walters, P.E. TREKK			
10:45	Dissolved Air Flootation (DAF) Design & Sizing Alex Passini, MWS AWC	Chlorine / Other Field Testing Dean Gernon, E.I. ADH	Evaluating BNR Alternatives w/ Process Modeling Software Rusty Tate, P.E. Garver	Intensify Resource Recovery w/ Densified Activated Sludge Jim Fitzpatrick, P.E. Black & Veatch	Preventing H2S by Injecting Super Saturated Oxygen Solution into Force Mains Bill Ammons Blue in Green	Stricter Compliance Limits – Lamella Clarifiers Luigi Tiberi Bruce Wolfe Xylem	PFAS Everywhere – How the Regulations are Evolving for Water & the Environment Zaid K. Chowdhury, PhD, P.E., BCEE Garver	Laying the Foundation for Digital Twins at Your Utility Evan Tromble, PhD, P.E. Garver	DEQ's Office of Water Quality Program, overview and its priorities Alan York, OWQ Associate Director, DEQ	Mind the Gap – How to Move Your Mountain of Data Jennifer L. Russell, EISE, CSEP Garver			
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Room	C103		C201/C202		C207		C208		C209		Meeting Room 2/3	Ball Room I	Ball Room II
Topic	ADH		Safety / Compliance		Safety		ADEQ		General Electives		Water Certification	Wastewater Licensing	Math
Presider	Doug Dawson		Nate Schimmel		Keith Carpenter		Richard Healey		Kathryn Catlin		ADH	ADEQ	
1:30	Source Water Protection Darcia Routh, P.G. Joy Wasson ADH		The Seriousness of Taking Safety Serious Terry Bryant Central Arkansas Water		The Importance of Communication Mike Gowen		WET Testing 101 Brent Walker, OWQ Inspector Supervisor, DEQ		On-site Sodium Hypochlorite Generation and Applications Mark Pierce ELECTRICHLOR		ADH Compliance	Wastewater Licensing	Math
2:30	Cyber Security Gregg Treadway ADH		Six Things You Need to Know About Arc Flash Nathaniel P. Scott, P.E. Brown Engineers		Environmental Emergencies Ty Farris		SSO Inspections and Enforcement Process Sarah Frasher, Inspector, Leslie Allen-Daniel, Enforcement Coordinator, DEQ		Leveraging Data for Pb and Cu Rule Compliance Drew Moffitt Garver				
3:30	Water Tank Inspections Craig Corder, P.E. ADH		Legislative Update 2023 David E. Johnson, J.D. Justin T. Allen, J.D. Linda Smith CAW/Wright, Lindsey & Jennings		-1 Days since last Accident Will Winn		Introduction to permit limits, what do they mean and how are they calculated? TBD, Engineer, Office of Water Quality, DEQ		When to Use a Single or Dual Force? Case Study of Crossett, AR Brian Wintle, P.E., PhD, CHMM, BCEE Crist Engineers				

Tuesday May 2, 2023