

	HANDS-ON DEMOS	ASSET MANAGEMENT	COLLECTION SYSTEMS	DRINKING WATER
<b>Room</b>	<b>Exhibit Hall</b>	<b>River A</b>	<b>Shawnee A</b>	<b>Bison</b>
<b>Moderators</b>	Brian Bohnsack Dan Riney	Michelle DeHaven Shane Noland	Laura Gray Andrew Wendel	Steve Randtke Maya Turner
<b>7:30</b>	<b>KWEA Board and Committee Chair Breakfast and Annual Business Meeting (Emerald V)</b> <b>KSAWWA OTC Meeting (Emerald IV)</b> <b>Golden Manhole Breakfast (Emerald III)</b>			
<b>8:30</b>	Grinder Pumps and Impeller Types  Skip Shadbolt, Liberty Pumps  8:30–9:30	Asset Evaluation Methods and Common Maintenance Recommendations for Steel and Concrete Tanks  Tom Quammen, KLM Engineering, Inc.	A Potpourri of Sewer Improvements Leads to CSO and Flooding Risk Reduction  Weston Engel, Carollo Engineers	A Comparison: Missouri River Surface Water vs Alluvial Groundwater Treatment  Sarah Tuite, WaterOne
<b>9:15</b>		Data Bias in Service Line Inventories  Nick Shea, BlueConduit	The Way Forward for Establishing a High-Efficiency Cleaning Maintenance Process  Matt Eichkorn, ADS Environmental Services	Breaking the Mold: Innovative Disinfection Monitoring in Johnson County, KS  Bob Hulsey, Black & Veatch
<b>10:00</b>	<b>Refreshment Break (Exhibit Hall)</b>			
<b>10:30</b>	Control Panel Troubleshooting 101  Marc Pedrotti, R.E. Pedrotti Company  10:30–11:30	Wire-to-Water What? How to Use Wire-to-Water Efficiency to Improve Asset Management  Eric Dole, Garver	CIPP Lining Technical Design and Installation Considerations  Jeff Maier, Garver	PFAS Treatment and Mitigation Strategies  Nathan Dunahee, Burns & McDonnell
<b>11:15</b>		How to Differentiate Between Cast Iron and Ductile Iron Pipe  Josh Blount, Ductile Iron Pipe Research Association	Bypass Pumping  Michelle Carter, HDR	Manganese Management and the Impact of Manganese Solids on Residual Disinfectant  Justin Hutchison, University of Kansas
<b>12:00</b>	<b>Joint Luncheon (Exhibit Hall)</b>			

	GOVERNMENT AFFAIRS	JOINT TOPICS	KsAWWA OTC	LEADERSHIP
<b>Room</b>	<b>Emerald I</b>	<b>Homestead</b>	<b>River B</b>	<b>Shawnee B</b>
<b>Moderators</b>	Tonya Bronleewe Deron Huck	Ryan Rossell Jennifer Salvo	Brad Ebinger Helen Holm	Jordan Jenisch Charles McAllister
<b>7:30</b>	<b>KWEA Board and Committee Chair Breakfast and Annual Business Meeting (Emerald V)</b> <b>KSAWWA OTC Meeting (Emerald IV)</b> <b>Golden Manhole Breakfast (Emerald III)</b>			
<b>8:30</b>	Government Affairs Update  Nathaniel Norris, American Water Works Association	Is Your System Prepared For a Water Emergency?  Karen Edwards-Lindsey, USEPA	Coagulation and Flocculation  Benjamin Fox, D&F Services, LLC	Exploring the Intersection of Bias, Stereotypes, and Microaggressions (Part 1)  Crystal Bennett, Thryve, LLC
<b>9:15</b>	State Revolving Fund Financing With the Bipartisan Infrastructure Law  William Carr, KDHE	Pump Station 101  Kyle Sims & Derek Patrick, HDR	Water Audits for Operations, Metering Decisions, Water Resources, and Capital Planning  Fred Jones, City of Garden City	Exploring the Intersection of Bias, Stereotypes, and Microaggressions (Part 2)  Crystal Bennett, Thryve, LLC
<b>10:00</b>	<b>Refreshment Break (Exhibit Hall)</b>			
<b>10:30</b>	EPA Lead Service Line Inventory (LSLI) Requirements  Cathy Tucker-Vogel KDHE	Owner Rep Services  Martha Tasker, City of Salina  Jessica Adams-Weber, HDR	Operator's Review of the Total Coliform Rule  Brad Ebinger, WaterOne	Building Bench Strength With a Career Advancement Program  Jenny O'Brien, City of Lawrence
<b>11:15</b>	The Fifth Unregulated Contaminated Monitoring Rule (UCMR 5)  Cathy Tucker-Vogel KDHE	Developing a Municipal Potable Reuse Program Under Oklahoma's New IPR Regulations  Michael Watts & Mary Elizabeth Mach, Garver	Can We Determine an Optimal Drinking Water Intake Depth to Minimize Water Treatment Costs?  Javier Morales, KS Biological Survey	Defining Workplace Culture  Kerrie Greenfelder, Burns & McDonnell
<b>12:00</b>	<b>Joint Luncheon (Exhibit Hall)</b>			

	SMALL SYSTEMS	TECHNOLOGY	WASTEWATER OPERATIONS	WATER DISTRIBUTION
<b>Room</b>	<b>Pioneer</b>	<b>Emerald II</b>	<b>Shawnee C</b>	<b>Wheat</b>
<b>Moderators</b>	David Jarrett Steve Williams	Ravi Jethra Jeff Severin	Eric Gasper Heather Phillips	Jon Shellhorn Sarah White
<b>7:30</b>	<b>KWEA Board and Committee Chair Breakfast and Annual Business Meeting (Emerald V)</b> <b>KSAWWA OTC Meeting (Emerald IV)</b> <b>Golden Manhole Breakfast (Emerald III)</b>			
<b>8:30</b>	<p>Algae's Impacts on Lagoons</p> <p>Ben Shakman, Triplepoint Environmental</p>	<p>New UV Disinfection For Wastewater With Viruses Looming</p> <p>Nathan White, Black &amp; Veatch</p> <p>Isaac Crabtree, Johnson County Wastewater</p>	<p>Achieving Aeration Energy Efficiency</p> <p>Sean Scuras, Garver</p>	<p>Spray-In-Place Pipe: The Pros and Cons</p> <p>Ross Smith, Veolia North America</p>
<b>9:15</b>	<p>Ozone Water Treatment Installations in Kenya</p> <p>Doug Claxton, WaterOne</p>	<p>Selecting the Correct Blower For Your Wastewater Treatment Application</p> <p>Matthew Cultice, Atlas Copco Compressors, LLC</p>	<p>A First in Kansas: Implementing AGS for the Wolcott Wastewater Treatment Plant Upgrade</p> <p>Brandon Coleman, HDR</p>	<p>How to Improve Water Quality From Outside the Treatment Plant</p> <p>Ashley Pifer, Garver</p>
<b>10:00</b>	<b>Refreshment Break (Exhibit Hall)</b>			
<b>10:30</b>	<p>AMI for Small Systems</p> <p>Jason Stoneback, Veolia North America</p>	<p>Harmonics in Electrical Distribution Systems</p> <p>Jeff Bergman, ABB, Inc.</p>	<p>Commissioning of Tomahawk Creek WWTF: Startup Challenges and The Solutions</p> <p>Anjana Kadava, Johnson County Government</p>	<p>Water Distribution Asset Inventory: An Asset Management Approach for Valves and Hydrants</p> <p>Deryck Freudeman, Xylem-Wachs Water Services</p>
<b>11:15</b>	<p>Lagoon Management</p> <p>Ben Shakman, Triplepoint Environmental</p>	<p>Overview of WaterOne Analyzer Program</p> <p>Jack Rhea, WaterOne</p>	<p>Operational Strategies and Advanced Aeration Controls to Optimize an A2/O Process</p> <p>Alexandra Doody, CDM Smith</p>	<p>Maintaining Chlorine Residuals in Distribution Systems</p> <p>John Busse, Veolia North America</p>
<b>12:00</b>	<b>Joint Luncheon (Exhibit Hall)</b>			

		ASSET MANAGEMENT	COLLECTION SYSTEMS	DRINKING WATER
Room		River A	Shawnee A	Bison
Mods		Amy Gralapp Bill Hagenburger	Alex Darby Gordon Rames	John Gilroy Mariah Schroeder
1:30		Advanced Pipeline Condition Assessment Technologies for Wastewater Systems  Jeff Maier, Garver	Separate Combined Sewers Without Increasing the Downstream Flows? A Pipe Dream That is Coming  Ryan Rossell, Carollo	Dual-Media Filter Piloting for Increased Loading Rate Approval  Alexandria Wampler & Amany Abu-Hijleh, Burns & McDonnell
2:15		Asset Management Programs: Available Programs and Pilot Testing the SCAP Tool in Kansas  Brian Bohnsack, WSU Environmental Finance Center	Sewer Rehabilitation: Pioneering New Planning Tools  Andrew Conard, Lamp Rynearson  Elango Thevar, NEER	Planning for Arsenic Treatment Systems  Zaid Chowdhury, Garver
3:00	<b>Refreshment Break (Exhibit Hall)</b>			
3:30		Preventative Maintenance: Maintaining Reliability Through Condition Assessment Program  Courtney Strawder & Derek Dietz, WaterOne	Superoxygenation to Prevent Force Main Odor and Corrosion in King County, WA  Garret Schleis, ECO Oxygen Technologies, LLC	Developing Disinfection Byproduct Control Strategies and Preparing for Future Regulations  Ashley Pifer, Garver
4:15		Application of Machine Learning in Stormwater Risk Management for Johnson County  Elango Thevar, NEER  Sarah Smith, Johnson County Stormwater	Pipelines Life Cycle Costs and the Envision Rating System  John Simpson, McWane Ductile	Developing Resilient Water Supplies Using Horizontal Collector Wells  Luca DeAngelis, Layne Christensen
5:30	<b>Joint Awards Banquet Reception (Emerald Ballroom)</b>			
6:30	<b>Joint Awards Banquet (Emerald Ballroom)</b>			

	GOVERNMENT AFFAIRS	JOINT TOPICS	SAFETY	LEADERSHIP
<b>Room</b>	<b>Emerald I</b>	<b>Homestead</b>	<b>River B</b>	<b>Shawnee B</b>
<b>Moderators</b>	Estell Johnson Jason Patty	Lorrie Hill Natalie Morrison	Page Burks John Clary	Kerrie Greenfelder Steven McNulty II
<b>1:30</b>	Ongoing Process in Reducing Nutrients in Municipal Wastewater  Thomas Stiles, KDHE	Impact of Utility Rates on Customers  Michelle DeHaven & Jeff Severin, WSU Environmental Finance Center	DHS CISA Physical Security/Cybersecurity Assessments & Resources  Chuck Clanahan, DHS Cybersecurity & Infrastructure Security Agency (CISA)	Could You Survive the Test of Time in the Water Industry  Martha Tasker, City of Salina  Roxanne Slater, Omega Environmental Services
<b>2:15</b>	Kansas Water Politics: What Happened During the 2022 Legislative Session and What's Next?  Tracy Streeter, Burns & McDonnell	Air Valves and Check Valves on Water Systems  Thomas Bumgardner, Innovative Engineered Equipment	Are You Ready For a Cyber Attack  Kevin Caveny, WaterOne	Making the Invisible Visible: Discovering Equity Insights in Water Data  Lindsay Birt & Jessica Moyer, Xylem
<b>3:00</b>	<b>Refreshment Break (Exhibit Hall)</b>			
<b>3:30</b>	Water Injection Dredging at Tuttle Creek Lake  John Shelley, US Army Corps of Engineers	It Ain't Easy Being Green... Or Is It?  April Snay, Shockey Consulting	Thinking Outside the Box for Safety  Rober Weaver, Veolia North America	Everyone Starts Somewhere  Remmie Monahan, Transcend
<b>4:15</b>	Money! Money Everywhere! How to Optimize Your CIP Budget by Taking Advantage of New Funding  Lacey Hirschvogel & David Carani, HDR	Making Cents of Customer Affordability: How to Address Challenges in Your Community  Collin Drat, Raftelis	New Low-Haz Odor Control Product Addresses Key Deficiencies of Existing Toolkits  Michael Nelson, USP Technologies	Invest in the Workplace Cycle: Recruitment, Retention, and Replacement  Tonya Bronleewe & Jeff Severin, WSU Environmental Finance Center
<b>5:30</b>	<b>Joint Awards Banquet Reception (Emerald Ballroom)</b>			
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	SMALL SYSTEMS	TECHNOLOGY	WASTEWATER OPERATIONS	WATER DISTRIBUTION
<b>Room</b>	<b>Pioneer</b>	<b>Emerald II</b>	<b>Shawnee C</b>	<b>Wheat</b>
<b>Mods</b>	William Carr Stuart Lord	Mike Armstrong Sarah Unruh	Tim Guardado Doug Nolkemper	Durward Johnson Derek Patrick
<b>1:30</b>	Cured-In-Place-Pipe (CIPP) 101: Basics and Sanitary System Asset Management  Brian McCrary, Insituform Technologies	Diganosing a Metallic Water Main's Serviceability Using Inline Ultrasonic Technology  Jesi Lay, WaterOne	A New On-Site, Standardized Screen Capture Efficiency Sampling and Testing Protocol  James Impero & Abner Aviles, Ovivo USA, LLC	Reducing THMs in the Distribution System  Nichole Grasma, Veolia North America
<b>2:15</b>	Concrete Renovations and Coatings  Ross Smith, Veolia North America	Startup of Dual-Purpose Filters Solves Both Dry and Wet-Weather Issues  Jim Fitzpatrick, Black & Veatch  Alex Szerwinski, Johnson County Wastewater	Reduce Operator Intensive Membrane Cleaning Cycles by Technical Advances in Fine Screening  James Impero & Abner Aviles, Ovivo USA, LLC	Trenchless Pressure Pipe Construction Technologies  Philip Ciesielski, Underground Solutions, Inc.
<b>3:00</b>	<b>Refreshment Break (Exhibit Hall)</b>			
<b>3:30</b>	Understanding Community Water Fluoridation in Kansas  Tanya Dorf Brunner, Oral Health Kansas, Inc.  Martha Tasker, City of Salina	Zero2Waste® Gravity Filter Systems: Water...Every Drop Counts!  Mark Romers, Filter Magic / ICS	First in the Region: Startup of Sidestream Deammonification  Rachel Swezy, Black & Veatch  Anjana Kadava, Johnson County Wastewater	The Revolution in Pipeline Installation (AWWA M55)  Amster Howard, Relativity Publishing
<b>4:15</b>	Lessons Learned: Treating Decentralized Commercial Facilities' Wastewater  Bethany Christiansen & Reza Shamskhorzani, BioMicrobics, Inc.	Predictive Management of Co-Digestion Processes Using a Novel Bioelectrochemical Sensor  Kelly Gordon, Black & Veatch	Winning the War Against Wipes  Brandon Leeth, JWC Environmental	Installation of Flexible, Kevlar-Reinforced Potable Water Liner With Your Own Crews  Josh Vincent & Luke Yount, WaterOne
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