

	ASSET MANAGEMENT	COLLECTION SYSTEMS	DRINKING WATER	GOVERNMENT AFFAIRS
Room	Bison	Shawnee A	River	Pioneer
Mods				
7:30	KWEA Board and Committee Chair Breakfast and Annual Business Meeting (Emerald III) KSAWWA OTC Meeting (Emerald IV) Golden Manhole Breakfast (Emerald V)			
8:30	<p>An Integrated Approach to Facility Planning and Design-Build Implementation</p> <p>Adam Bogusch, Burns & McDonnell</p>	<p>Avoiding Dangerous Curves with Pressure Sewer Systems</p> <p>Keith McHale Environment One Corporation</p>	<p>Olathe WTP2 Alternative Disinfection Project</p> <p>Jacob Schultze, Black & Veatch; Lorrie Hill, City of Olathe</p>	<p>KDHE Water Infrastructure Financing</p> <p>William Carr, KDHE</p>
9:15	<p>Asset Management in the Day-to-Day of a Maintenance Department</p> <p>Paul Crocker, Board of Public Utilities</p>	<p>Understanding the New Paradigms in Planning</p> <p>Allison White & Dustin Hill, Burns & McDonnell</p>	<p>Dealing with Taste and Odor Issues From Watershed to Tap</p> <p>Aaron Robison & David Carani, HDR, Inc.</p>	<p>Integrated Planning for JCW: The What, Why, and How</p> <p>Tami Lorenzen, Johnson County Wastewater</p>
10:00	Refreshment Break (Exhibit Hall)			
10:30	<p>Advances in Stormwater Risk Planning</p> <p>Heather Schmidt, Johnson County; Matthew Scott, Black & Veatch</p>	<p>Lee's Summit Downtown Interceptor Study</p> <p>Taylor Christmas HDR, Inc.</p>	<p>Monroe, LA: A WTP Expansion Two Decades in the Making</p> <p>Rachel Drain, Burns & McDonnell</p>	<p>Lead and Copper Rule Revisions Town Hall</p> <p>Cathy Tucker-Vogel KDHE</p>
11:15	<p>Large and Critical Valve Program Best Practices</p> <p>Deryck Freudeman, Xylem-Wachs Water Services</p>	<p>Providing Sanitary Sewer Service to Low-Income Community for Environmental Protection</p> <p>Travis Heier, HDR & Bradley Allbritton, Taney Co Regional Sewer District</p>	<p>Monitoring High-Frequency Data From a Buoy in Clinton Reservoir, KS, to Determine Optimal Drinking Water Intake Depths</p> <p>Rebecca Kessler, Kansas Biological Survey</p>	
12:00	Joint Luncheon (Exhibit Hall)			

	JOINT TOPICS	K&AWWA OTC	WATER DISTRIBUTION	WASTEWATER OPERATIONS
Room	Shawnee B	Shawnee C	Wheat	Homestead
Mods				
7:30	KWEA Board and Committee Chair Breakfast and Annual Business Meeting (Emerald III) KSAWWA OTC Meeting (Emerald IV) Golden Manhole Breakfast (Emerald V)			
8:30	<p>Air Valves and Check Valves on Small Systems</p> <p>Thomas Bumgardner, Innovative Engineered Equipment</p>	<p>Water Certification Prep (Part One)</p> <p>Joe Cribbs, WaterOne</p>	<p>Lead Service Line Replacement: Options for Replacement and Financing</p> <p>Nicholas Willis, WSU Environmental Finance Center</p>	<p>Nitrification in Cold Weather: A Two-Year Study</p> <p>Ben Shakman, Triplepoint Environmental</p>
9:15	<p>Building Resilient Water Operations with Cybersecurity</p> <p>Carmen Garibi, Burns & McDonnell</p>	<p>Water Certification Prep (Part Two)</p> <p>Joe Cribbs, WaterOne</p>	<p>A Case Study on Lead in a Small Community</p> <p>Travis Levitt & Rachel Drain, Burns & McDonnell</p>	<p>Troubleshooting Your Pump Station 101</p> <p>Brad Saul, Mid America Pump</p>
10:00	Refreshment Break (Exhibit Hall)			
10:30	<p>New Backwash and Underdrain System Improves Operation of 92-Year-Old Waukegan Filtration Plant</p> <p>Don Tyson & Peter Levorson, WesTech Engineering Inc.</p>	<p>Water Math (Part One)</p> <p>Joe Cribbs, WaterOne</p>	<p>The Role of Smart Tanks in Distribution Water Quality Management</p> <p>John Koch, UGSI Solutions</p>	<p>Using Oxygen to Oxidize Sulfates, Control Odor, and Manage Corrosion in Collection Systems</p> <p>Chris Milligan, BlueInGreen</p>
11:15	<p>The Impact of Turbidity on UF Membrane Fouling</p> <p>Ana Calderon, SUEZ</p>	<p>Water Math (Part Two)</p> <p>Joe Cribbs, WaterOne</p>	<p>Data Science Principles of Service Line Inventory and Replacement</p> <p>Eric Schwartz & Ian Robinson, BlueConduit</p>	<p>Process Optimization Can Improve BNR and Reduce Energy and Chemical Cost All Together</p> <p>Payal Shah, Xylem Inc.</p>
12:00	Joint Luncheon (Exhibit Hall)			

	ASSET MANAGEMENT	COLLECTION SYSTEMS	DRINKING WATER	LABORATORY
Room	Bison	Shawnee A	River	Pioneer
Mods				
1:30	<p>Small Diameter Water Main Replacement Prioritization Using GIS Technology</p> <p>Jason Beyer, WaterOne</p>	<p>Real-Time Control and Optimized Storage for Affordable Peak Flow Management</p> <p>Mike Milius, Olsson</p>	<p>Lime Feed System</p> <p>Roopa Matole, HDR, Inc.; Denise Friday, City of Olathe</p>	<p>Response to an In-Lab Ethics Violation: Third Party Laboratory Audit – Lessons Learned</p> <p>Rebecca Lewis, City of Wichita</p>
2:15	<p>Asset Management for Water Storage Facilities</p> <p>Thomas Quammen, KLM Engineering</p>	<p>Round Grove Pump Station: City of Kansas City, MO</p> <p>Joslyn Townsend, AECOM</p>	<p>Using Progressive Design-Build to Deliver the Northwest Water Facility (NWWF)</p> <p>Ty McGown, Burns & McDonnell; Bill Perkins, City of Wichita</p>	<p>Benchsheets: Nemesis or Hero of the Lab?</p> <p>Rebecca Lewis, City of Wichita</p>
3:00	Refreshment Break (Exhibit Hall)			
3:30	<p>Demystifying Asset Management: Review of MPOA's Collection System Asset Management Tool Kit</p> <p>Lacey Hirschvogel, MPOA; David Carani, HDR, Inc.</p>	<p>Manhole Rehabilitation Practices</p> <p>Jeff Maier, Garver</p>	<p>Transient Analysis</p> <p>Roopa Matole & Amy Carter, HDR, Inc.</p>	<p>Activated Sludge Microbiology: It's All About the Bugs! (Part 1)</p> <p>Sean Scuras, Garver</p>
4:15	<p>Field Perspective of Equipment Condition Assessment for a New Asset Management Program</p> <p>Nick Kuzmyak, Bartlett & West, Inc.</p>	<p>Rehabilitating Concrete Structures</p> <p>John Sierzega, Sherwin Williams</p>	<p>Proactive Corrosion Control Study: Above and Beyond in Olathe, KS</p> <p>Emily Tummons, Black & Veatch; Nina Hubbard, City of Olathe</p>	<p>Activated Sludge Microbiology: It's All About the Bugs! (Part 2)</p> <p>Sean Scuras, Garver</p>
5:30	Joint Awards Banquet Reception (Emerald Ballroom)			
6:30	Joint Awards Banquet (Emerald Ballroom)			

	JOINT TOPICS	KsAWWA OTC	TEAM MANAGEMENT	WASTEWATER OPERATIONS
Room	Shawnee B	Shawnee C	Wheat	Homestead
Mods				
1:30	<p>Eatin' Pizza and Learnin' a Little Something About Kansas Water</p> <p>Tracy Streeter, Burns & McDonnell; Tom Stiles, KDHE</p>	<p>Coagulation/Flocculation</p> <p>Ben Fox, D&F Services</p>	<p>Creating a Framework for Building Tomorrow's Utility Workforce: The City of Wichita Story</p> <p>Tracy Streeter, Burns & McDonnell; Laura Quick, City of Wichita</p>	<p>Small Footprint Energy Efficient Nutrient Removal: Design of the First AGS WWTP in the US</p> <p>Sean Scuras, Garver</p>
2:15	<p>The Current State of Construction Pricing and Supply Chain Management</p> <p>Michaela Rempkowski, McCarthy Building Companies</p>	<p>Disinfection Chemistry/DBPs</p> <p>Ben Fox, D&F Services</p>	<p>Building Community Support for Wastewater Projects Through Strategic Public Engagement</p> <p>Ann Frame Hertzog, Shockey Consulting, LLC</p>	<p>Oxygen Transfer Performance, Biological Performance, and Microbial Population Dynamics of Activated Sludge Processes</p> <p>Chris Milligan, BlueInGreen</p>
3:00	Refreshment Break (Exhibit Hall)			
3:30	<p>Shovel Ready: The Contractor's Role in WIFIA Funding</p> <p>Michaela Rempkowski, McCarthy Building Companies</p>	<p>Lime Softening and Recarbonation</p> <p>Brad Ebinger, WaterOne</p>	<p>Project Team Health Evaluation: A Model-Based Approach for Leaders to Assess and Improve</p> <p>Jennifer Russell, Garver</p>	<p>Grit Settling Velocity: A Visual Comparison of Clean Sand and Wastewater Grit</p> <p>Jeff Sober, Garver</p>
4:15	<p>Kansas Water Office Update</p> <p>Eric Unruh, Kansas Water Office</p>	<p>Overview of Membrane Operations and Maintenance</p> <p>Brian Williams, City of Olathe</p>	<p>Why Be Nice? Customer Service at Public Water Utilities</p> <p>Michelle DeHaven, WSU Environmental Finance Center</p>	<p>WaStop Check Valves for Stormwater and Wastewater</p> <p>Tom Bumgardner, Innovative Engineered Equipment</p>
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