

	JOINT TOPICS	LABORATORY	YOUNG PROFESSIONALS	DRINKING WATER	WATER DISTRIBUTION
<b>Room</b>	<b>River B</b>	<b>River A</b>	<b>Shawnee B</b>	<b>Wheat</b>	<b>Shawnee C1</b>
<b>Moderators</b>	David Buehler Isaiah LaRue	Randall Harris Andy Sauer	Brent Chesnut Sarah Espinosa	Durward Johnson Jeff Taylor	Chris Rice Dan Ward
<b>7:30</b>	<b>KWEA Board and Committee Chair Breakfast and Annual Business Meeting (Emerald III)</b> <b>KSAWWA OTC Meeting (Emerald IV)</b> <b>Golden Manhole Breakfast (Emerald V)</b>				
<b>8:30</b>	Virtual Reality: A Better Way to Tell a Story  Robert Eckdahl, Black & Veatch	Kansas Laboratories: What's Happening (Round Table Discussion)  KWEA Laboratory Committee	Aerobic Granular Sludge Technology: Fundamentals and Applications  Theresa Kopper, CDM Smith	Total Organic Carbon Analysis from a Water Laboratory Perspective  Amanda Haddad, WaterOne	How Can GIS and TCR Sampling Data Improve Water Quality?  Steven Nirschl, KCK BPU
<b>9:15</b>	Utilizing Building Information Modeling (BIM) for Safety by Design  Chase Hartz, Black & Veatch	Introduction, Regulatory Update, and Common Lab Assessment Findings  Paul Harrison, KDHE	Industry Panel: How Did You Get Into This Role?  Cliff Cate, Burns & McDonnell; Susan Pekarek, Johnson County Wastewater; Mike Hafing, CAS Constructors; Joe Foster, City of Olathe	Handling New Residuals from Water Treatment Plants  Rachel Drain, Burns & McDonnell	Defining for Pipeline Settlement  Chris Sundberg, Victaulic
<b>10:00</b>	<b>Break (Exhibit Hall)</b>				
<b>10:30</b>	The Changing Face of Water Supply and Treatment in Kansas  Jake White, Burns & McDonnell	An Introduction to Online Training Tools (Webinar)  Jason Patty, City of El Dorado	WEFTEC 2018 Student Competition Presentation  KU Design Team	Why Ozone?  Kevin Caveny, WaterOne	Do-It-Yourself Maintenance Program  Elizabeth Maloney, WaterOne
<b>11:15</b>	Management Structure for Small to Medium Size Utilities  Rick Sailler, City of Bonner Springs	Introduction to the 2017 Method Rule Update (Webinar)  Jason Patty, City of El Dorado	A Young Professional's Guide to Financial Planning  Scott Rinehart, Carlson Financial	Olathe's Path to Improved Disinfection  Lorrie Hill, City of Olathe	Backflow Prevention  Gary Armentrout, Water Loss Solutions
<b>12:00</b>	<b>Joint Luncheon (Exhibit Hall)</b>				

	WASTEWATER TECHNOLOGY	COLLECTION SYSTEMS	WASTEWATER OPERATIONS	GOVERNMENT AFFAIRS	KSAWWA OTC
<b>Room</b>	<b>Bison</b>	<b>Pioneer</b>	<b>Homestead</b>	<b>Shawnee A</b>	<b>Shawnee C2</b>
<b>Mods</b>	Tom Bumgardner Jeena John	Alexander Darby Bridget Harper	Trenton Foglesong Doug Nolkemper	Steve Randtke Natalie Wilderom	Brian Downing Brad Ebinger
<b>7:30</b>	<b>KWEA Board and Committee Chair Breakfast and Annual Business Meeting (Emerald III)</b> <b>KSAWWA OTC Meeting (Emerald IV)</b> <b>Golden Manhole Breakfast (Emerald V)</b>				
<b>8:30</b>	<p>New Technology for Monitoring and Controlling Odor</p> <p>David Soper, Kemira Water Solutions</p>	<p>Proven I/I Reduction for Kansas City's Smart Sewer Program!</p> <p>Lisa Walters, GBA</p>	<p>Automated Solutions for Optimizing Aeration Blowers</p> <p>Bob Kisler, Gardner Denver</p>	<p>Getting Prepared for Long-Term LCR Revisions</p> <p>Steve Via, AWWA</p>	<p>Flocculation &amp; Coagulation</p> <p>Ben Fox, D&amp;F Services</p>
<b>9:15</b>	<p>Rare Earth Technology for Phosphorus Removal and Enhanced Sludge Properties</p> <p>Jim Gallmann, Neo Chemicals &amp; Oxides</p>	<p>Lessons from the Trenches: Rehabilitation of 100 Year Old Sewers</p> <p>Laura Gray, Larkin Lamp Rynearson</p>	<p>ThermAnAer: The Ultimate Solution to Your Biosolids Management</p> <p>Robert Wooldridge, Thermal Process Solutions</p>	<p>KDHE's Experiences and Perspectives on the LCR and Anticipated Revisions</p> <p>Tara Hammer, KDHE</p>	<p>Disinfection and Chlorine Dioxide</p> <p>Ben Fox, D&amp;F Services</p>
<b>10:00</b>	<b>Break (Exhibit Hall)</b>				
<b>10:30</b>	<p>Unintended Consequences of Thermal Biosolids Treatment</p> <p>Sirwan Alimoradi, University of Kansas</p>	<p>Finding the Most Effective I/I Reduction Opportunities</p> <p>Joshua Tedder, Black &amp; Veatch</p>	<p>How Much Does Grit Cost You?</p> <p>Pat Herrick, Hydro International</p>	<p>Where's the Lead?</p> <p>John Gilroy, City of Olathe</p>	<p>Beginner Math Class for Exam Prep</p> <p>Gary Turner (Retired)</p>
<b>11:15</b>	<p>Anaerobic Membrane Bioreactors (AnMBRs) for Sustainable Wastewater Treatment</p> <p>Prathap Paramewaran, Kansas State University</p>	<p>Private Property Inflow and Infiltration Programs</p> <p>Kevin Waldron, Olsson Associates</p>	<p>Impact of Upgraded Polymer Mix/Feed on Sludge Dewatering: Two Case Studies</p> <p>Yong Kim, UGSI Solutions, Inc.</p>	<p>Lead &amp; Copper (Panel Discussion)</p> <p>Steve Via, AWWA; Frank Blaha, WRF; Tara Hammer, KDHE; Aurora Shields, City of Lawrence</p>	<p>Advanced Math Class for Exam Prep</p> <p>Gary Turner (Retired)</p>
<b>12:00</b>	<b>Joint Luncheon (Exhibit Hall)</b>				

	JOINT TOPICS	LABORATORY	WATER/WASTEWATER INFRASTRUCTURE	DRINKING WATER	WATER DISTRIBUTION
Room	River B	River A	Shawnee B	Wheat	Shawnee C
Moderators	Bruce Allman Mike Armstrong	Jason Patty Marc Pedrotti	Dallas Massie Jacob White	Ty McGown Rusty Tournade	Tony O'Malley Mark Wade
1:30	Skill-Based Pay for a More Robust Workforce  Dan Smith, WaterOne	Can You Trust Your TSS to Improve Process Control (Webinar)  Jason Patty, City of El Dorado	Real Time Control and Optimized Storage for Affordable Peak Flow Management  Mike Milius, Olsson Associates	Ozone-Biofiltration for Controlling Extreme Taste and Odor Events in Arlington, TX  Danny Shannon, CDM Smith	Fire Hydrants for Dummies: Installation, Operation, and Maintenance  Andy Kohler, Clow Valve
2:15	State of the Industry: Indirect and Direct Potable Reuse  Thomas Crowley, Carollo Engineers		Valve Actuator Selection and Retrofitting Actuators  Tom Bumgardner, Innovative Engineered Equipment	Light Sources for Regulatory Turbidity Measurement Compliance  Eric Umbreit, Tintometer, Inc.	Preparing For a Drinking Water Waste Stream Summary Review  Dan Clair, KDHE
3:00	<b>Refreshment Break (Exhibit Hall)</b>		<b>Refreshment Break (Exhibit Hall)</b>		
3:30	National Information Solutions Cooperative DHS Cyber Resources Overview  Geoff Jenista, Department of Homeland Security	Chemistry of Making Chocolate  followed by MARS Factory Tour  (Pre-registration Required)	Riverview Lift Station Replacement Project  Ryan Rossell, Carollo Engineers	Lime Residual Handling  John Gilroy, City of Olathe	Where's My Water Going? (In-class AWWA Water Audit)  Nicholas Willis, WSU Environmental Finance Center
4:15	Developing a CMMS Workflow to Manage Asset Inspections  Jimmy Althouse & Anthony Golec, City of Olathe		Biogas 101  Phil Gates, Bartlett & West, Inc.	Conditional Backwash Control with In-Filter Media and Turbidity Monitoring  Kary Steadman, ATI-Entech Division	Corrosion Control Studies: Identifying and Mitigating Risks from Lead and Copper  Emily Tummons, Black & Veatch
5:30	<b>Joint Awards Banquet Reception (Emerald Ballroom)</b>				
6:30	<b>Joint Awards Banquet (Emerald Ballroom)</b>				

	WASTEWATER TECHNOLOGY	COLLECTION SYSTEMS	WASTEWATER OPERATIONS	GOVERNMENT AFFAIRS	KsAWWA OTC
Room	Bison	Pioneer	Homestead	Shawnee A	Exhibit Hall
Moderators	Jennifer Kessler Katie Miller	Deron Huck Steve Williams	Amy Gralapp Alex Szerwinski	Lorrie Hill Dan Ott	Dan Defore Steve Nirschl
1:30	<p>State-of-the-Art Secondary Clarifier Design Includes Proven Features from Yesteryear</p> <p>Anjana Kadava, Black &amp; Veatch</p>	<p>Lawrence's CIPP Program: 25 Years of Lessons Learned</p> <p>Nicholas Hoyt, City of Lawrence</p>	<p>Using Hydroxyl Radicals to Treat Odors</p> <p>Robert Jeyaseelan, Vapex Environmental Technologies</p>	<p>NACWA's Clean Water Outlook: An Update from Washington</p> <p>Chris Hornback, NACWA</p>	<p>1:30 - 2:30 Meter Madness</p>
2:15	<p>Using Technology to Improve Project Performance</p> <p>Jeff Keller, Burns &amp; McDonnell</p>	<p>Beware of the FOG: It Ain't Easy Being Greasy (Round Table Discussion)</p> <p>City of Manhattan, City of Wichita, JCW, Unified Gov't of WYCO/KCK</p>	<p>Chemical Phosphorus Removal at Wastewater Treatment Plants</p> <p>Michele Pugh, WSU Environmental Finance Center</p>	<p>KDHE Update</p> <p>Tom Stiles, KDHE</p>	<p>2:30 - 3:30 Hydrant Hysteria</p>
3:00	<b>Refreshment Break (Exhibit Hall)</b>				
3:30	<p>Nutrient Removal Technologies for Municipal Wastewater Treatment Plants</p> <p>Suzie Carpenter &amp; Ed Kobylinski, Black &amp; Veatch</p>	<p>Why Clean the Sewer and Cleaning Sewer for Capacity, O&amp;M, PACP, and Emergencies</p> <p>Dave Hamberlin, TREKK Design Group</p>	<p>Using Ferric Chloride to Increase Belt Filter Press Performance</p> <p>Jamie Belden, City of Wichita</p>	<p>Latest Concepts in Municipal Wastewater and Stormwater Affordability Analyses</p> <p>Trent Stober, HDR, Inc.</p>	<p>3:00 - 5:00 Backhoe Rodeo</p>
4:15	<p>An Update on Kansas' First IFAS Facility</p> <p>Kerrie Greenfelder, Burns &amp; McDonnell</p>	<p>Ground Truthing Oakland WWTP and Pump Station Flow Meters for Improved Peak Wet Weather Flows</p> <p>Michael Lorenzo, Bartlett &amp; West, Inc.</p>	<p>Mobile Organic Biofilm Clarifier Performance</p> <p>Isaiah LaRue, Smith &amp; Loveless</p>	<p>Integrated Planning: Why and How to Do It (Panel Discussion)</p> <p>Chris Hornback, NACWA; Trent Stober, HDR, Inc.; Andy Sauer, Burns &amp; McDonnell</p>	
5:30	<b>Joint Awards Banquet Reception (Emerald Ballroom)</b>				
6:30	<b>Joint Awards Banquet (Emerald Ballroom)</b>				