

	COLLECTION SYSTEMS	DRINKING WATER	JOINT TOPICS	KSAWWA OTC
Room	Pioneer	Bison	River	Emerald I
Moderators	Alex Darby Nick Hoyt	Chris Rice Mike Stec	Denise Friday Dan Smith	Justin Hutchison Brandon Thomas
7:30	KWEA Board and Committee Chair Breakfast and Annual Business Meeting (Heritage Hall) KSAWWA OTC Meeting (Emerald IV) Golden Manhole Breakfast (Emerald V)			
8:30	<p>A Force Main Replacement Project is Leveraged to Provide Multiple Benefits to City of Topeka</p> <p>Michael Lorenzo, Bartlett & West; Michelle Neiswender, City of Topeka Utilities</p>	<p>Design With the End in Mind: A Comprehensive Approach in Solving O&M Issues During Design</p> <p>Kyle Sims, HDR, Inc.; John Gilroy, City of Olathe</p>	<p>Corrosion Control for Ductile Iron Pipe</p> <p>Josh Blount, Ductile Iron Pipe Research Association (DIPRA)</p>	<p>Beginner Operator Math</p> <p>Brad Ebinger & Joe Cribbs, WaterOne</p>
9:15	<p>Taking the Pulse of UG's Force Mains</p> <p>Tim Schneller, GBA; Kristopher Finger, Unified Gov't WYCOCK</p>	<p>A Large-Scale Chlorine Gas to Sodium Hypochlorite Conversion Project Review</p> <p>Mike O'Connell & Jessica Borries, Burns & McDonnell</p>	<p>What Does the New Federal Integrated Planning Law Mean for You?</p> <p>Frederic Andes, Barnes & Thornburg</p>	<p>Advanced Operator Math</p> <p>Joe Cribbs & Brad Ebinger, WaterOne</p>
10:00	Refreshment Break			
10:30	<p>What is I & I and How Do You Find It?</p> <p>David Hamberlin, TREKK Design Group</p>	<p>Hannibal's Catch-22: Managing DBPs Without Chloramines</p> <p>Karen Marie Dietze, Black & Veatch</p>	<p>Construction Sequencing: a Constantly Moving Target</p> <p>Corinne Duckworth, Carollo Engineers, Inc.</p>	<p>Meet the New Water Players in Kansas State Government (Panel)</p> <p>KS Departments of Agriculture; Commerce; Health & Environment; Wildlife, Parks & Tourism; and Kansas Water Office</p>
11:15	<p>Gravity and Pressure Pipe Rehabilitation Options and Technologies</p> <p>Brian McCrary, Insituform Technologies/AECOM</p>	<p>Utilization of Mixed Oxidants to Improve Residual and Overall Water Quality</p> <p>Larry Lemasters, De Nora MIOX</p>	<p>Slide Gate Alternatives and Options</p> <p>Todd Nason, Mid-America Valve</p>	<p>Ozone Disinfection</p> <p>Brad Ebinger, WaterOne</p>
12:00	Joint Luncheon (Ag Hall)			

	LABORATORY	REGULATORY UPDATES	WASTEWATER OPERATIONS	WASTEWATER TECHNOLOGY
Room	Emerald II	Emerald III	Wheat	Homestead
Moderators	Steven Craig Bill Perkins	Fred Jones Lorrie Hill	Amy Gralapp John Rosson	Isaac Crabtree Mark Mayer
7:30	KWEA Board and Committee Chair Breakfast and Annual Business Meeting (Heritage Hall) KSAWWA OTC Meeting (Emerald IV) Golden Manhole Breakfast (Emerald V)			
8:30	Bugs Under Glass: What Microscopy Says About Sludge Renee Whaley, City of Lawrence	National Pollutant Discharge Elimination System (NPDES) Electronic Reporting Rule, Significant Non-Compliance, and ECHO Debbie Mendenhall, KDHE	Un-BNR: Municipal vs. Industrial Doug Nolkemper, JCW	Using Adsorption (Pre-Settling) to Reduce Energy Consumption and Increase Energy Production Jeremey Lay & Zach Breault, Bartlett & West
9:15	Kansas Laboratory Certification: Regulation Updates Paul Harrison, KDHE	Industrial, Municipal, and Pretreatment Programs Ryan Eldredge, KDHE	MOPOs and Maintaining Plant Functionality During Construction Matt Fischer, McCarthy Building Companies, Inc.	Sidestream Enhanced Biological Phosphorus Removal (S2EBPR) Also Enhances Nitrogen Removal Heather Phillips, City of Olathe; James Barnard, Black & Veatch
10:00	Refreshment Break			
10:30	Lab Integrity/Ethics Jay Lovett, City of Lawrence	Stormwater Programs Rance Walker, KDHE	Fine Start: Primary Treatment Utilizing Fine Screens to Protect Process Equipment Jesus Rodriguez, JWC Environmental	Anaerobic Treatment of High Strength FOG Industrial Wastewaters Chris Harvey, Global Water & Energy, LLC
11:15	The 2016 TNI Standard: What You Need to Know Paul Harrison, KDHE	Potential Impacts of Per- and Polyfluoroalkyl Substances (PFAS) on Kansas Utilities and the KDHE Response Cathy Tucker-Vogel, KDHE	Improving Operational Effectiveness of I & I Through Ground Storage Jon Shellhorn, Lamp Rynearson; Scott Millholand, City of Gardner	New Versions of Proven Methods for Phosphorus Removal and Recovery Jim Fitzpatrick, Black & Veatch
12:00	Joint Luncheon (Ag Hall)			

	COLLECTION SYSTEMS	DRINKING WATER	JOINT TOPICS	SMALL SYSTEMS
Room	Pioneer	Bison	River	Emerald I
Moderators	Laura Gray Bridget Harper	John Gilroy Tony O'Malley	Phillip Brown Deron Huck	Jeena John Ethan Voyles
1:30	Priority Manhole Rehabilitation: Lessons Learned Alex Beck, JCW; Ryan Eisele, HDR, Inc.	Reverse Osmosis Joe Cribbs, WaterOne	Sludge... Where Does It Belong? Ben Haecherl, Carollo Engineers, Inc.	Salina's Stormwater Ditch Extreme Makeover Martha Tasker, City of Salina
2:15	Managing Your Manholes (Round Table Discussion) Representatives from JCW, Olathe, Lawrence	The Government Can Help You ... Really? Using the Farm Bill to Protect Your Supplies Mike Armstrong, WaterOne; Karen Woodrich, NRCS	Zs Are Coming to Your Workplace... Not Zombie, Generation Z Tonya Bronleewe & Leslie Kimble, WSU Environmental Finance Center	JCW Low Pressure Sewers and Odor Control Kent Newport, HDR Inc.
3:00	Refreshment Break			
3:30	Putting Manhole Infiltration in the Crosshairs Joseph Siwek, Tetra Tech	Biological Drinking Water Treatment Justin Hutchison, University of Kansas	Vortex Systems at WTP?!?!?! What? Isaiah LaRue, Smith & Loveless	Wastewater Dynamics, Treatment, and Lagoon Diagnosis Micro Bubble Diffusion John Jacobs, WTR Solutions LLC
4:15	Sanitary Sewer Manhole Lining to Address the Effect of Hydrogen Sulfide Anthony Golec, City of Olathe; Melinda Lambert, Mayer Specialty Services, LLC	Disinfection By-Product Reduction Methods Don Tyson, WesTech Engineering	Wading Through 2019 Missouri River Flooding Treatment Challenge Sarah Tuite, Burns & McDonnell	Top of the Tower Shawn Mulhern, KLM Engineering, Inc.
5:30	Joint Awards Banquet Reception (Heritage Hall)			
6:30	Joint Awards Banquet (Heritage Hall)			

	DESIGN-BUILD	REGULATORY UPDATES	WASTEWATER OPERATIONS	WASTEWATER TECHNOLOGY
Room	Emerald II	Emerald III	Wheat	Homestead
Moderators	Dallas Massie Sarah Stewart	Brooke Conrardy Becky Lewis	Michael Carter Natalie Wilderom	Jeanette Klamm Doug Nolkemper
1:30	Tomahawk Creek WWTF CMAR: Snow, Rain, Flooding, and Still on Schedule/Budget John Keller, Black & Veatch; James Peterson, McCarthy Building Companies, Inc.	PWS Area-Wide Optimization Program Todd Stephenson, KDHE	Beef Packing Plant's Wastewater Treatment Plant's Problems Solved With State Point Kurt Strein (Self Employed)	Innovative and Sustainable Nutrient Removal: Membrane Aerated Biofilm Reactor Technology Amit Kaldate, SUEZ Water Technologies & Solutions
2:15	Olathe's Collaborative Delivery Process at WTP2 Lorrie Hill, City of Olathe; Bill Morehead, Crossland Heavy	Review-Ready Submittals: An Overview of Considerations for Minimizing Submittal Review Dan Clair, KDHE	Salina's Molybdenum Experience: Holy Moly, What to Do? Martha Tasker, City of Salina	Startup of a New Side Stream Fermenter System at Wakarusa Wastewater Treatment Plant Ed Kobylinski & John Keller, Black & Veatch
3:00	Refreshment Break			
3:30	Kansas' First IFAS Facility Part 3: That's a Wrap! Kerrie Greenfelder & Caitlin Collins, Burns & McDonnell	Kansas Harmful Algal Bloom Response Program for Public Water Supply Systems Rob Gavin, KDHE	Anaerobic Digester Heating Equipment Replacement at Hutchinson WWTF Laurel Schaich & Dustin Craig, CDM Smith	BioCycle-D Process Achieves 54% Energy Savings by Decoupling Aeration From Mixing David Mullins, EnviroMix, Inc.; Paul Ward, Burns & McDonnell
4:15	Design-Build Seems Like a Good Idea... What Should I Consider? Jessica Adams-Weber & Stan Christopher, HDR, Inc.	Project Financing Through the State Revolving Fund William Carr, KDHE	Retrofits for Biological Nutrient Removal at an Existing Treatment Plant Nicholas Willis, WSU Environmental Finance Center	Phosphorus Removal and Struvite Control at Wichita WWTP Using Peroxide Regenerated Iron Afsary Ahmed, USP Technologies; Jamie Belden, City of Wichita
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