

	HANDS-ON DEMOS	ASSET MANAGEMENT	COLLECTION SYSTEMS
Room	Exhibit Hall	Walnut	Cypress A
Mods			
7:30	Young Professionals Breakfast (Chisholm)		
9:00	Opening Session (Exhibit Hall)		
10:30	Exhibitor Hour (Exhibit Hall)		
10:45	KWEA Annual Business Meeting (Walnut)		
12:00	KWEA Awards Luncheon (Grand Eagle Ballroom) – OR – KsAWWA Awards Luncheon & Annual Business Meeting (Redbud Ballroom)		
1:30	1:30–2:30 Impeller, Seals, and Bearings... Oh My!	Success by Papercut: How Incremental Progress Yields Results  John Gilroy, Black & Veatch	Sewer Inspection Technologies and How to Use Them  David Hamberlin, Hydromax USA
2:15	Tony Brunetto, Fluid Equipment	Water Tower/Tank Maintenance and Service Agreements  Shawn Mulhern & Chad Caldwell, KLM Engineering	Sustainability of Lower Energy Costs by Utilization of Proper Pipeline Materials  John Simpson, McWane Ductile
3:00	Refreshment Break (Exhibit Hall)		
3:30	3:30–4:30 Liquid Chem Feed Troubleshooting/Maintenance	Total Pipeline Management  Wayne Pratt, Xylem	Handling the Pressure: Technological Advancements for Relining Pressure Pipes with FFRP  Colin Melton, McIntire Management Group
4:15	Adrian Pena, Fluid Equipment	Valve Exercising 101: A Key Practice for Water Utilities to Ensure Optimal Performance  Deryck Freudeman, Xylem – Wachs Water Services	How Velocity and Headloss Severely Affect SCR Capture Performance of All Screening Systems  James Impero & Abner Aviles, Ovivo USA, LLC
5:00	Exhibitor Meet & Greet (Exhibit Hall)		
7:00	All-Conference Social Event Hosted by Garver (Riverview Ballroom)		

	DRINKING WATER	EMERGING TECHNOLOGY	JOINT TOPICS	SMALL SYSTEMS
<b>Room</b>	<b>Cypress B</b>	<b>Osage</b>	<b>Maple</b>	<b>Oak</b>
<b>Mods</b>				
<b>7:30</b>	Young Professionals Breakfast (Chisholm)			
<b>9:00</b>	Opening Session (Exhibit Hall)			
<b>10:30</b>	Exhibitor Hour (Exhibit Hall)			
<b>10:45</b>	KWEA Annual Business Meeting (Walnut)			
<b>12:00</b>	KWEA Awards Luncheon (Grand Eagle Ballroom) – OR – KsAWWA Awards Luncheon & Annual Business Meeting (Redbud Ballroom)			
<b>1:30</b>	<p>Enhanced Treatment and Tracking: Advanced Technologies for WTP Performance &amp; Analysis</p> <p>Liam Redinger, HDR, Inc.</p>	<p>Using Algae to Reduce Operating Costs at WWTP</p> <p>Jens Dancer, Gros-Wen Technologies</p>	<p>De-Icing and the Frosty Five</p> <p>Natalie Wilderom, McConnell AFB</p>	<p>GIS in Water and Wastewater Operations</p> <p>Kristen Zimmerman &amp; Sheldon Bina, Professional Engineering Consultants (PEC)</p>
<b>2:15</b>	<p>Delivering One Water Solutions to Address Taste and Odor Issues for Maryville, MO</p> <p>Aaron Robison, HDR, Inc.</p>	<p>Compressed Gas Mixing and Inline Fermentation Enhances Biological Phosphorus Removal</p> <p>Fred Kade, EnviroMix</p>	<p>Satellite-based Earth Observation for Resource Management, Infrastructure, Safety, Sustainability</p> <p>Eric Trerotola, Asterra USA</p>	<p>Troubleshooting Disinfectant Residual Loss in Chloraminated Drinking Water Systems</p> <p>Ashely Pifer, Garver</p>
<b>3:00</b>	Refreshment Break (Exhibit Hall)			
<b>3:30</b>	<p>Biological Roughing Filters for T&amp;O Control: From Concept to Full-Scale Operation</p> <p>Thomas Crowley &amp; Jess Brown, Carollo Engineers, Inc.</p>	<p>WRRF Energy Management: Is Hydrogen in Your Future</p> <p>Dale Gabel, Carollo Engineers, Inc.</p>	<p>Stormwater and CSO Collection and Removal of Debris, Hazardous Metals, and Organics</p> <p>James Impero &amp; Abner Aviles, Ovivo USA</p>	<p>Nitrification in Cold Weather: A Two-Year Case Study</p> <p>Ben Shakman, Triplepoint Environmental</p>
<b>4:15</b>	<p>Drought Resiliency and Kansas Water Assurance Districts</p> <p>Doug Haney, Kansas River Water Assurance District #1</p>	<p>Where's My Capacity? How One WRRF Mitigated the Toxic Effects of the Drought and Pandemic</p> <p>John Crisman, Moleaer</p>	<p>Water Towers 101: Maintenance and Management</p> <p>Rick Penner, Viking Industrial Painting</p>	<p>Do I Need Grit Removal?</p> <p>Eric Tobin, Hydro International</p>
<b>5:00</b>	Exhibitor Meet & Greet (Exhibit Hall)			
<b>7:00</b>	All-Conference Social Event Hosted by Garver (Riverview Ballroom)			

	HANDS-ON DEMOS	COLLECTION SYSTEMS	GOVERNMENT AFFAIRS	JOINT TOPICS	KSAWWA OPERATOR TRAINING
Room	Exhibit Hall	Cypress A	Cypress B	Cedar	Oak
Mods		Alex Darby Andrew Wendel			
7:30	<p align="center"><b>Golden Manhole Society Breakfast (Stimson)</b>  <b>OTC Breakfast (Chisholm)</b>  <b>KWEA Board &amp; Committee Breakfast (Board Room)</b></p>				
8:30	Rotary Lobe Pump Maintenance & Operation  Drew Vollbrecht, Boerger Pump; Joe Foster, EPEC	Wastewater Hydraulic Modeling 101: The Basics  Jeremy English, HDR, Inc.	One Utility's Approach to the LCRR (Part 2)  Kiel Johnson & Sarah Tuite, WaterOne	Introduction to Collaborative Delivery  Jessica Adams-Weber, HDR, Inc.	Impact of Reduced Missouri River Flow: Atchison, KS  Clinton McNemee, City of Atchison
9:15		It Doesn't Have to Stink: Wastewater Odor Control 101  Michael Nelson, USP Technologies	Let's Talk Lead: New LCRR Communications Tools to Strengthen Public Trust  Kelly Fry, WaterOne	Early GMPs Combating Market Volatility  Mitch Nissen, McCarthy Building Companies, Inc.	Coagulation and Flocculation  Ben Fox, D&F Services
10:00	<p align="center"><b>Refreshment Break (Exhibit Hall)</b></p>				
10:30	Blowers and Aeration Control Maintenance Best Practices  Joel Schomo, Aerzen; Joe Foster, EPEC	Sewer Service Evaluation for Accelerated Growth in De Soto, KS  Eric Farrow, HDR, Inc.	Financing Two of the Largest Projects in the History of the Largest City in Kansas  Joni Chamberlain, City of Wichita	You Can't Plan for the Long-Term if You Only Plan Year-to-Year  Mary Elizabeth Mach & Bryce Callies, Garver	Preparing for a KDHE Water Sanitary Survey  Sabrina Cantrell, KDHE
11:15		Successful Design-Build Approach for Sewer Condition and Capacity Improvements  Jessica Stanton, HDR, Inc.; Erica Wellen, CDM Smith	Effectively Communicating Large Water Utility Projects: A Billion Reasons to Be Clear  Andrew Van Tassell, City of Wichita	How to Be a Drill Master  Jonathan Faughtenberry & Brogan Tyler, Freese and Nichols, Inc.	Operator's Review of Surface Water Treatment  Brad Ebinger, WaterOne
12:00	<p align="center"><b>Joint Luncheon (Exhibit Hall)</b></p>				

	LEADERSHIP	STORMWATER	TECHNOLOGY	WASTEWATER OPERATIONS	WATER DISTRIBUTION
Room	Maple	Osage	Redbud A	Birch	Walnut
Mods					
7:30	<p align="center"><b>Golden Manhole Society Breakfast (Stimson)</b>  <b>OTC Breakfast (Chisholm)</b>  <b>KWEA Board &amp; Committee Breakfast (Board Room)</b></p>				
8:30	<p>Utility Leadership Problems in the 21st Century</p> <p>Brent Tippey, AWWA; Michelle Wirth, WaterOne; Martha Tasker, City of Salina; Durward Johnson, BPU</p>	<p>Data Driven Stormwater Infrastructure Programming for Des Moines</p> <p>Erica Wellen &amp; Chad Johnson, CDM Smith</p>	<p>Successful Technology Adoption to Upskill and Reskill Your Workforce</p> <p>Brian Lines, University of Kansas</p>	<p>Operating the World's Largest Capacity Dual-Purpose Disk Filter Facility</p> <p>Nathan White &amp; Jim Fitzpatrick, Black &amp; Veatch</p>	<p>Five Keys to a Successful Master Plan</p> <p>Evan Tromble, Garver</p>
9:15	<p>Get Involved With KWEA / KSAWWA</p> <p>Ryan Rutkowski, CAS Constructors</p> <p>Derek Patrick, HDR, Inc.</p>	<p>2-D Urban Stormwater Models: Key Tools for Informed Decisions</p> <p>Mitchell Goedeken, Burns &amp; McDonnell</p>	<p>Digital Transformation: Managing the Data</p> <p>Jennifer Russell, Garver</p>	<p>Optimization of BNR at the Tomahawk Creek Wastewater Treatment Facility</p> <p>Kelly Gordon &amp; Rachel Swezy, Black &amp; Veatch</p>	<p>Financial Impacts of the Water Utility's Forgotten City</p> <p>John Simpson, McWane Ductile</p>
10:00	<p align="center"><b>Refreshment Break (Exhibit Hall)</b></p>				
10:30	<p>Workforce Development and DEI</p> <p>Gustavo Gallo, WEF</p>	<p>WEF's New Urban Stormwater Controls Operations and Maintenance Manual</p> <p>Jeff Doudrick, Burns &amp; McDonnell</p>	<p>Operational Technology (OT): "Water/Wastewater System of Systems"</p> <p>Samuel Alva, Cybersecurity Infrastructure Security Agency (CISA)</p>	<p>From BNR Vision to Construction: Advancing Biological Nutrient Removal at Wichita Plant 2</p> <p>Jamie Belden, City of Wichita</p> <p>Alexandra Doody, CDM Smith</p>	<p>Air Valves and Check Valves on Water Systems</p> <p>Tom Bumgardner, Innovative Engineered Equipment</p>
11:15	<p>Diversifying Your Leadership Team</p> <p>Jose Leon Jr, Johnson County Wastewater</p>	<p>KDHE MS4 Program Updates</p> <p>Sydney Hohn, KDHE</p>	<p>Cybersecurity in the Water Sector: A Realistic and Achievable Approach</p> <p>Jason Vigh, 1898 &amp; Co. (Part of Burns &amp; McDonnell)</p>	<p>From Inception Toward Completion: The \$65M Kansas River WWTP Successful Collaboration!</p> <p>Leah Morris, City of Lawrence</p> <p>Nathan Grahl, Black &amp; Veatch</p>	<p>Enid's Kaw Lake Water Supply Pipeline: Where Affordability Meets Constructability</p> <p>Clay Herndon, Freese and Nichols, Inc.</p> <p>Jason Jansen, Garney Construction</p>
12:00	<p align="center"><b>Joint Luncheon (Exhibit Hall)</b></p>				

		COLLECTION SYSTEMS	GOVERNMENT AFFAIRS	JOINT TOPICS	LABORATORY
Room	Exhibit Hall	Cypress A	Cypress B	Cedar	Oak
Mods	-	Laura Gray Steve Williams			
1:30		Combined Sewer Failure Leads to Roadway Collapse: An Emergency Repair Story  Weston Engel, Carollo Engineers, Inc.	KDHE Funding for Water and Wastewater Infrastructure  William Carr, KDHE	CFD 101: The What, Why, and When to CFD Models  Kade Beck, Garver	Improving Efficiency Via BOD Automation  Nina Hubbard & Omar Lindt, City of Olathe
2:15		Making the Most of Trenchless Rehabilitation for Sewer Lateral Connections  Jeff Maier, Garver	Federal Funds and the Role of the EPA Office of Inspector General  Wayne Hakes & Staci Gurin, U.S. EPA	Clearing the Hurdles: A Look at the Jordan Basic WRF Membrane Basins WRF Membrane Basins Rehabilitation  Greg Hansen, Sherwin-Williams Protective Coatings Group	Water and Coffee: Journey From the Ground Into Your Cup  Andrew Gough, Reverie Coffee Roasters
3:00	<b>Refreshment Break (Exhibit Hall)</b>				
3:30		The Sewer Whisperer: "Listen Carefully, Your Sewer is Talking to You"  Tim Graeb, SmartCover Systems	Olathe Wastewater: 2040 Future Ready  Heather Phillips, City of Olathe	ASCE 38-22 and Geophysical Technologies for Utilities Risk Mitigation  David Hoffman, SAM, LLC	Introduction to EPA's Proposed PFAS Rule  Cathy Tucker-Vogel, KDHE
4:15		Trenchless Manhole Rehabilitation  Tameka Kueser, HK Solutions Group	Implementation of EPA's PFAS Strategic Roadmap on the State and Local Scale  Anthony Pham, U.S. EPA	IP Issues That Every Water and Wastewater Treatment Designer or Operator Should Know  Thomas Luebbering, Hovey Williams LLP	Understanding the Different Phosphorus Tests  Melody White, Hach
5:30	<b>Awards Banquet Reception &amp; Dinner (Redbud Ballroom)</b>				
8:00	<b>All-Conference Social Event Hosted by HDR (Riverview Ballroom)</b>				

	LEADERSHIP	STORMWATER	TECHNOLOGY	WASTEWATER OPERATIONS	WATER DISTRIBUTION
Room	Maple	Osage	Redbud A	Birch	Walnut
Mods					
1:30	<p>Ethics in the Water Profession: Facing the Challenges of Today</p> <p>Brian Bohnsack, WSU Environmental Finance Center</p>	<p>Anchoring Multiple Benefits to Stormwater Project: Your Dollars Can Do More</p> <p>Laura Adams, Black &amp; Veatch</p> <p>Sarah White, Unified Government</p>	<p>Electro-Biochemical Reactor: A Novel Approach to Biological Groundwater Dentrification</p> <p>Brian Spano, Wilson &amp; Company</p> <p>Kirsten Sims, WesTech Engineering</p>	<p>Perfect Storms: Navigating Rare Combinations of Unforeseen Circumstances and Resolutions</p> <p>Alison Cioffi &amp; Isaac Crabtree, Johnson County Wastewater</p>	<p>Large Meter Replacement</p> <p>Matt Townsend, City of Wichita</p>
2:15	<p>Emergency Preparedness and Operations Planning for Water Utilities</p> <p>Melissa Mokry, WaterOne</p>	<p>Conservation Easements: Greening Your Stormwater Program</p> <p>Carla Dods, Platte Land Trust</p>	<p>New and Innovative Screen Technology Provides Superior Headworks and Membrane Protection</p> <p>James Impero &amp; Abner Aviles, Ovivo USA, LLC</p>	<p>Blower Technology Selection</p> <p>Bob Kisler, Hoffman &amp; Lamson</p>	<p>Corrosion Control for Ductile Iron Pipe</p> <p>Josh Blount, Ductile Iron Pipe Research Association</p>
3:00	<b>Refreshment Break (Exhibit Hall)</b>				
3:30	<p>High-Performing Teams and How to Leverage Them</p> <p>Brian Lines, University of Kansas</p>	<p>Congratulations, You Have a TMDL. Now What? Lessons Learned to Help From Johnson County</p> <p>Ian Fannin-Hughes, Johnson County</p> <p>Matthew Scott, Black &amp; Veatch</p>	<p>Evolving Technology: Introduction to Manufactured In-Place Composite Pipe</p> <p>Luke Kunkel &amp; Tony Lane, SippTech LLC</p>	<p>Operating for Efficient Phosphorus Removal</p> <p>Sean Scuras, Garver</p>	<p>Pipeline Lifecycle Costs and the ENVISION Rating System</p> <p>John Simpson, McWane Ductile</p>
4:15	<p>Stepping up to Lead: Lessons Learned from Water Leaders</p> <p>Jason Patty, City of El Dorado; Dillan Curtis, City of Derby; TBD, PEC</p>	<p>Treating CSO/SSO Using Ceramic Membranes to Remove Bacteria, Suspended Solids, and Nutrients</p> <p>Susan Pilgram and Ashwini Khare, Ovivo Water</p>	<p>Elevating Trenchless Pipeline Rehabilitation: Advancements in Pipe Lining Technologies</p> <p>Jeff Maier, Garver</p>	<p>Odor Control Cost Benefit Analysis at City of Wichita Plant 2</p> <p>Meagan Malloy, CDM Smith</p>	<p>Designing a Pump Station the Size of a Football Field</p> <p>Tim Malcom, Black &amp; Veatch</p>
5:30	<b>Awards Banquet Reception &amp; Dinner (Redbud Ballroom)</b>				
8:00	<b>All-Conference Social Event Hosted by HDR (Riverview Ballroom)</b>				

	COLLECTIONS REVIEW	WASTEWATER TREATMENT REVIEW	WATER OPERATOR REVIEW
Room	Redbud A	Maple	Redbud B
Mods			
7:00	KsAWWA Breakfast (Chisholm/Stimson) KWEA SSSSS Breakfast (Eagle H)		
8:00	Wastewater Collection Systems and Safe Procedures  Ron Thomann, TREKK Design Group	Preliminary and Primary Treatment  Joe Foster, EPEC	Basic Water Math  Joe Cribbs, WaterOne
8:45	Inspecting and Testing Collection Systems and Pipeline Cleaning and Maintenance Methods  Ron Thomann, TREKK Design Group	Activated Sludge and Fixed Film Processes  Joe Foster, EPEC	Advanced Water Math  Joe Cribbs, WaterOne
9:30	Refreshment Break		
9:45	Underground Repair  Ron Thomann, TREKK Design Group	Disinfection and Lagoon Systems  Joe Foster, EPEC	Water Sources and Distribution  Joe Cribbs, WaterOne
10:30	Lift Stations and Lift Stations Pumping Systems  Ron Thomann, TREKK Design Group	Sludge Digestion and Solids Handling  Joe Foster, EPEC	Water Treatment Processes  Joe Cribbs, WaterOne
11:15	Sewer Rehabilitation  Ron Thomann, TREKK Design Group	Laboratory Procedures and Safety  Joe Foster, EPEC	Water Regulations, Sampling, and Recordkeeping  Joe Cribbs, WaterOne
12:15	Conference Adjournment and Prize Drawing (Registration Area)		
1:00	KDHE Certification Exam (Redbud B) – OR – KWEA ABC Testing (Redbud A)		

	BIOSOLIDS / SOIL HEALTH	WASTEWATER HOT TOPICS	WATER HOT TOPICS
Room	Oak	Walnut	Osage
Mods			
7:00	KsAWWA Breakfast (Chisholm/Stimson) KWEA SSSSS Breakfast (Eagle H)		
8:00	Biogas to RNG: A Case Study  Matt Freed, Bartlett & West	Low-Cost Nutrient Optimization in Kansas and the Midwest  Nicholas Willis, WSU Environmental Finance Center	The Technology Evolution in Water Processing: Emerging Instrument and Process Tools  Kathryn Grimball, Hach
8:45	Optimizing Polymer Activation for Improved Dewatering: Following the Science  Yong Hwan Kim, UGSI Solutions, Inc.	What Some Communities Are Doing to Prepare for Upcoming PFAS/PFOS Regulations  Thomas Crowley, Carollo Engineers, Inc.	The Trials of Chlorine Dioxide  Chris Jesmore & Denise Friday, City of Olathe
9:30	Refreshment Break		
9:45	Concordia WWTF Upgrades for Class A Biosolids  Sarah Unruh, Professional Engineering Consultants (PEC)	Sludge Densification and Low DO BNR: Anaerobic Selectors Are the Key!  Megan Wittman, University of Kansas	PFAS 101: History, Treatment, Innovation, and Regulatory Direction  Tonya Chandler, BioLargo, Inc.
10:30	Class A Solids in a Thermophilic Aerobic Digester  Robert Wooldridge, Thermal Process Systems, Inc.	Let's Settle This! From Filaments to Flocs in a Continuous Flow Process  Rachel Swezy & Theresa Kopper, Black & Veatch	PFAS Forever... Or Is It?  Martha Tasker, City of Salina
11:15	Efficiency and Value to Sustainable Biosolids Management Programs with Advanced Treatment  James Dunbar, Lystek International; Omar Maali, City of Lawrence	A2O Versus Bardenpho for the Wichita Plant 2 BNR Improvements  Alexandra Doody, CDM Smith; Jamie Belden, City of Wichita	Occurrence and Control of Brominated and Iodinated DBPs  Zaid Chowdhury, Garver
12:15	Conference Adjournment and Prize Drawing (Registration Area)		
1:00	KDHE Certification Exam (Redbud B) – OR – KWEA ABC Testing (Redbud A)		