

	ABC TEST PREP	BIOSOLIDS / SOIL HEALTH	COLLECTION SYSTEMS
Room	Shawnee A	River	Bison
Mods			
7:00	KsAWWA Breakfast (Emerald IV) KWEA SSSSS Breakfast (Emerald III)		
8:00	Collections & Wastewater Treatment Test Prep Joe Foster, EPEC; Pat Flynn, Pittsburg State University	Extracting Active Enzymes From Soils as a Measure of Bioremediation Potential Wambura Chacha, University of Kansas	The Seductive Lure of Depth-Only Measurements for Assessing I&I Jay Boyd, ADS Environmental Services
8:45		Novel System for Phosphate Sequestration and Biogas Capture From Anaerobic Digestate Mudit Gangal, Ovivo USA LLC	Holistic Trenchless Rehabilitation for Wastewater Collection Systems Jeff Maier, Garver
9:30	Refreshment Break		
9:45	Collections & Wastewater Treatment Test Prep Joe Foster, EPEC; Pat Flynn, Pittsburg State University	Experimentation and Real World Challenges of Treating PFAS-Laden Sludge Sudhakar Viswanathan, Veolia	Winning the War Against Wipes Chris Downey, JCW Environmental
10:30		Long-Lasting Biosolids Odor Control Using Peroxide Regenerated Iron Technology (PRI-TECH®) Michael Nelson, USP Technologies	Basics of Pipeline Corrosion and Protections of Ductile Iron Pipe John Simpson, McWane Ductile
11:15		Why You Should Consider Aerobic Thermophilic Digestion for Your Biosolids Treatment Robert Wooldridge, Thermal Process Systems	Everything You Wanted to Know About Air Valves Kim Sorensen, ARI USA
12:15	Conference Adjournment and Prize Drawing (Registration Area)		
1:00	KDHE Water & Wastewater Operations Exam (Pioneer) – OR – ABC Testing (Shawnee B&C)		

	KsAWWA HOT TOPICS	KWEA HOT TOPICS	TECHNOLOGY
Room	Homestead	Pioneer	Wheat
Mods			
7:00	KsAWWA Breakfast (Emerald IV) KWEA SSSSS Breakfast (Emerald III)		
8:00	<p>Improved Performance With No Physical Changes, Forecast Informed Reservoir Operation (FIRO)</p> <p>Mike McMahon & Eric Dove, HDR, Inc.</p>	<p>Ammonia Permits and Lagoons: Options Available For Meeting Future Limits</p> <p>Patrick Ely, Nexom</p>	<p>Optimizing Two-Stage Anaerobic Digestion Via Recycle From an Aerobic Digester</p> <p>Justin Wippo, Thermal Process Systems</p>
8:45	<p>Introduction to Kansas Water Rights: A Municipal Perspective</p> <p>Daniel Clement, Burns & McDonnell</p>	<p>Build a High-Performance, Resilient Organization Through Strategic Planning</p> <p>Molly Saunders, Shockey Consulting, LLC</p>	<p>Carbon Management Alternatives to Lower Energy and Increase Resource Recovery</p> <p>Jim Fitzpatrick, Black & Veatch</p>
9:30	Refreshment Break		
9:45	<p>A Review of Risk-Reducing, Safety-Enhancing Design and Field Technologies</p> <p>Elizabeth Rodgers & Michael Etheridge, Black & Veatch</p>	<p>Use It or Lose It: Biogas Storage and Use</p> <p>Yasmine Boudhaouia-Meehan, WesTech Engineering, Inc.</p>	<p>Inducing Granulation in Activated Sludge BNR Systems to Improve Settling</p> <p>Jim McQuarrie, Tetra Tech</p>
10:30	<p>Expanding for the Future: A Case Study of the Gardner WTP Expansion</p> <p>Dana Weir & Jason Gardner, Burns & McDonnell</p>	<p>PFAS Reduction in Galesburg, IL</p> <p>Nathan Dunahee & Jeff Barnard, Burns & McDonnell</p>	<p>Construction, Commissioning, and Start Up of the World's First ABNR™ Facility</p> <p>Jordan Lind, CLEARAS Water Recovery</p>
11:15	<p>Lead and Copper Rule Revisions: What Does It Really Mean for My Kansas Water Utility</p> <p>Matt Say & David Carani, HDR, Inc.</p>	<p>Tracking the SARS CoV-2 Pandemic With Wastewater Infrastructure</p> <p>Belinda Sturm, University of Kansas; Thomas Stiles, KDHE</p>	<p>Zero2Waste® Gravity Filter Systems: Water... Every Drop Counts!</p> <p>Mark Romers, Filter Magic/ICS</p>
12:15	Conference Adjournment and Prize Drawing (Registration Area)		
1:00	KDHE Water & Wastewater Operations Exam (Pioneer) – OR – ABC Testing (Shawnee B&C)		