

TUESDAY, AUGUST 6

	10:45am-11:30am	11:45am-12:30pm		2:30pm-3:15pm	3:30pm-4:15pm	4:30pm-5:15pm
DISTRIBUTION	Developing a Surveillance Response System (SRS) Online Monitoring Dashboard Jenifer Howell, Greater Cincinnati Water Works	Interstate Water Line Design Kristopher Ruggles, Strand Associates; Justin Kuhbander, Strand Associates	WATER TREATMENT	Make sure to visit the exhibit hall!	Assessing the Impact of Proposed PFAS Regulations on Water Affordability in Ohio Jacob Gardener, The Ohio State University	Understanding Manganese in Your Source, Plant, and Distribution System Scott Moegling, City of Akron
WORKFORCE	The NW Ohio Water Workforce Coalition, Successes, and Challenges to Build Pipeline of New Operators Kari Gerwin, Toledo Metropolitan Area Council of Governments; Chuck Campbell, City of Toledo	Workforce Development Programs as a Pipeline Between Neighbors and the Agencies that Serve Them Crystal Davis, NEORSD; Galen Adams, NEORSD	WW TREATMENT	SWLCWSD: Managing Explosive Growth in Distribution and Collection Systems Josh Holton, SWLCWSD; Christina Sizemore, Arcadis	Make sure to visit the exhibit hall!	Wastewater Process Simulators: A Powerful Tool for Treatment Operations and Design Billy Fagan, Black & Veatch; Rob Smith, Black & Veatch
CONSTRUCTION	Collaboration Delivers \$125M of Improvements to Close a Sewage Treatment Plant Charles Votava, Kimley-Horn	Wilmington WWTP: A Blueprint for Delivering Affordable WWTP Construction in Today's Marketplace Eric Green, City of Wilmington; Jake Whited, Arcadis; Rob Knapke, Peterson Construction	LEAD	How Machine Learning supports Lead and Copper Rule Improvements Validation of Service Line Materials Costas Kontos, AECOM; Christopher Pawlowski, AECOM	In the LSLR Trenches: Tips for Trying to Avoid (and Being Prepared) for the Worst that Will Happen Brenda Culler, Cleveland Water; Joshua Pecek, Cleveland Water	Make sure to visit the exhibit hall!
REGULATORY	Implementation of Ohio's First Flow Augmentation System Justin Waid, City of Wapakoneta; Chad Roby, Jacobs	A Fireside Chat with a Floodplain Whisperer Mark Seidelmann, Stantec	STORMWATER	Make sure to visit the exhibit hall!	A Trenchless Solution for Stabilizing the Buckling Brookside Culvert Marissa Giebel, Brown and Caldwell; Eric Dunn, Brown and Caldwell; C.J. Onyak, NEORSD	Not Your Typical Blueprint Columbus Project Elizabeth Ehret, T&M Associates; Jeremy Cawley, City of Columbus
PFAS	Planning for the Implementation of a Large Scale PFAS Treatment System James Christopher, Tetra Tech; James Brescol, Tetra Tech	Investigating Mono-Media GAC Filters for PFAS Removal Jeff Kauffman, Del-Co Water; Andrew Heinmiller, Arcadis; Gwendolyn Kubacki, Arcadis	SUSTAINABILITY	Water 2050: Charting a Course for the Future of Water Tyler Converse, City of Canton	Make sure to visit the exhibit hall!	What is Sustainability & How Do We Do it? Utility-Focused Sustainability for the Rest of Us. Kevin White, Arcadis; Stephanie Weagraff, Arcadis
WATER REUSE	IMET Wastewater Treatment and Reuse Technology Kaan Gencer, IMET Corporation	One Water Solutions are Emerging: A Reuse Roadmap for Industrial Areas in Central Ohio John Sheets, CDM Smith; Michael Frommer, CDM Smith	POTPOURRI	OH WARN Emergency Response Tim Truman, City of Dayton	Post Construction Monitoring Project for the Lower Mill Creek Partial Remedy Ashley Van Matre, Hazen and Sawyer; John Barton, Cincinnati MSD	Make sure to visit the exhibit hall!

WEDNESDAY, AUGUST 7: MORNING SESSIONS

	7:45am-8:30am		7:45am-8:30am	
EARLY BIRD	<p>Old, Leaky and Hard to Access: Rehabilitating a 100-Year-Old Water Transmission Main Alan Stadler, Wade Trim; Matt Spronz, Cleveland Water</p>		<p>Planning for Intel Process Discharge at Southerly Wastewater Treatment Plant in Columbus Joe Cook, City of Columbus; Bob O'Bryan, Black & Veatch</p>	
WATER TREATMENT	<p>8:45am-9:30am</p> <p>Make sure to visit the exhibit hall!</p>	<p>9:45am-10:30am</p> <p>Defiance Water Treatment Plant GAC Facility Justin Batt, Stantec</p>	<p>10:45am-11:30am</p> <p>Modeling Near Real-Time Chlorophyll and Other Parameters Within Cincinnati's Miller Plant Patricia Klonicki, Greater Cincinnati Water Works</p>	<p>11:45am-12:30pm</p> <p>Preparing Your Plant for the Future: The Use of Pilot Testing, Pretreatment and Plates John Civardi, Mott MacDonald</p>
WW TREATMENT	<p>On-Demand Generation and Dosing of PAA for Wastewater Disinfection Bruce Smith, USEPA; Dan Murray, USEPA</p>	<p>Make sure to visit the exhibit hall!</p>	<p>PDB Delivery in Challenging Times: Montgomery County SMART Jeff Macomber, Hazen and Sawyer; Renee Miller, Montgomery County Environmental Services</p>	<p>10-Year Anniversary for Multi-Purpose Filters Jim Fitzpatrick, Black & Veatch; Gene Miller, Black & Veatch</p>
ASSET MANAGEMENT	<p>City of Newark's Asset Management Fast Track Sara Ferrara, Arcadis; Brandon Fox, City of Newark</p>	<p>Integrating GIS and Enterprise Asset Management Systems Andrew Gerberry, Del-Co Water</p>	<p>Make sure to visit the exhibit hall!</p>	<p>How Data Driven Analytics Unraveled the Mystery of the Skyrocketing Watermain Break Rates Kevin Campanella, Burgess & Niple</p>
COLLECTIONS	<p>Make sure to visit the exhibit hall!</p>	<p>City of Columbus DOSD Sanitary Pump Stations Evaluation & Upgrade Program Luke Murry, GPD Group; Beth Hostetter, GPD Group; Troy Branson, City of Columbus</p>	<p>Tapered Liner Emergency Trenchless Rehab of a Large Hole and Void in the North Park Brick Sewer Tanner Adair, AECOM; Kevin Alspach, AECOM</p>	<p>Case Study: Use Artificial Intelligence to Identify Flow Meter Anomalies Jamie Persino, Trinnex; Aaron Englehart, Trinnex</p>
NUTRIENTS	<p>Partial Denitrification Anammox (PdNA): An Overview and Feasibility of Implementation in Ohio Brett Wagner, AECOM</p>	<p>Make sure to visit the exhibit hall!</p>	<p>State of the Lake: HABs and Nutrients Christopher Winslow, The Ohio State University</p>	<p>Recovery of High Strength Ammonia Kayla Piezer, Applied Environmental Solutions</p>
BIOSOLIDS	<p>Streamlining Digester Improvements and Lessons Learned from Design and CMAR Sheamus Togher, Hazen and Sawyer; Patrick Ludwig, City of Dayton</p>	<p>The Road to Sustainability for Rocky River WWTP Biosolids Joe Sicurezza, Brown and Caldwell</p>	<p>Make sure to visit the exhibit hall!</p>	<p>Columbus Municipal Composting Facility Hasan Alkhayri, Hatch Associates; Drew Ater, Hatch Associates; Jesse Volk, City of Columbus; Josh Lutz, City of Columbus</p>
DEI	<p>Working in Ohio and Uganda: Cross-Cultural Lessons I've Learned from Working Overseas and Coming Back Natalie Thompson, Hazen and Sawyer</p>	<p>Integrating Equity and Environmental Justice in Stormwater Comprehensive Planning Jenna Johnston, Environmental Collective of Ohio</p>	<p>Let's Talk DEI: Moving from Plateau to Progress Kari Mackenbach, ms consultants; Krystal Paisley, ms consultants</p>	<p>Make sure to visit the exhibit hall!</p>

WEDNESDAY, AUGUST 7: AFTERNOON SESSIONS

	2:30pm-3:15pm	3:30pm-4:15pm	4:30pm-5:15pm
DISTRIBUTION	<p>■ Dropping the pHat Beat: Composing the Optimal Coagulation Process Valerie Copanic, City of Warren; Dane Elliott, Stantec</p>	<p>■ AMI, CIS, MDM Water is the Foundation A Utilities Experience with Smart Metering Technology Upgrades Ken Crisp, City of Akron; Ben Roberts, City of Akron</p>	<p>■ Field Evaluation of Ultrasound on Algal Blooms for Mitigation Kaiden Murphy, The Ohio State University</p>
WW TREATMENT	<p>■ Smarter Sensing for Better Data: Biological Activity as Direct Indicator of Plant Performance Mack Parady, SENTRY Water Monitoring and Control</p>	<p>■ How Columbus Performed the first multi-sensor fugitive methane study in the Western Hemisphere Dante Fiorino, Brown and Caldwell; Tyler Schweinfurth, City of Columbus</p>	<p>OWEA Student Design Project</p>
UTILITY MANAGEMENT	<p>■ Fairfield Ohio – Fulfilling a Smart Metering System: A Case Study Adam Sackenheim, City of Fairfield; Mike Phillips, Master Meter</p>	<p>■ Process Data Management: Empowering the Organization with the Right Insights at the Right Time Ben Coyle, NEORSD; Cal Rozario, HDR</p>	<p>■ Visibility and Insights: A Case Study of Integrated 3D GeoBIM Digital Twin Jamie Decker, Hazen and Sawyer</p>
COLLECTIONS	<p>■ Innovative Approaches to Storm Sewer Condition Assessment – Columbus, OH Alison Gale, City of Columbus; Matthew Kiefer, Arcadis</p>	<p>■ Unique Pump Station Approach Adds Capacity, Reduces Overflows, and Minimizes Costs Mark Upite, Burgess & Niple; Mike Tong, City of Lebanon; Chris Bowers, Burgess & Niple, Jeff Eilers, Burgess & Niple</p>	<p>■ READY, SET, DONE: How an Innovative Approach Led to Fast Tracking a Project Schedule Hunter Kelly, PRIME AE</p>
O&M	<p>■ Navigating Consent: Akron's Journey from Mandate to Proactive Sewer Management Richard Thomas, Burgess & Niple; Jason Kline, City of Akron</p>	<p>■ Startups Never Go to Plan (But You Should Have One Anyway) Christen Wood, Jacobs</p>	<p>■ Pump Design Bootcamp Ted Bennett, Jones & Henry Engineers</p>
PFAS	<p>■ Decision-Making Toolkit to Evaluate PFAS Treatment Alternatives William Rhoads, Black & Veatch; Cheri Woody, Greater Cincinnati Water Works</p>	<p>■ Pilot Study Compares PFAS Removal Capabilities for GAC and IX Resin to Guide Full-Scale WTP Design Ryan Capelle, Stantec; Bran Lintgen, Stantec</p>	<p>■ PFAS Monitoring and Treatment for Wilmington's WTP Jeff Macomber, Hazen and Sawyer</p>
WATER POTPOURRI	<p>■ Mitigating Lake Erie's harmful algal blooms: Machine learning models for predicting blooms and phosphorus reduction in agricultural runoff Haiping Ai, Case Western Reserve University</p>	<p>■ Managing a Successful Transition from a Design-Build Project to an Operating Plant Shawn Hooker, AECOM; John Finnegan, AECOM; John Cleveland, Shook Construction; Randy Gilbert, Greene County</p>	<p>■ Behind the Curtain of Predictive Modeling for Service Line Inventories Hannah Myers, Black & Veatch</p>

THURSDAY, AUGUST 8

	8:00am-8:45am	9:00am-9:45am	
OHIO EPA UPDATES	Ohio EPA DDAGW Updates Amy Klei, Ohio EPA	Ohio EPA DSW Updates Mark Johnson, Ohio EPA; Ashley Ward, Ohio EPA	
	10:00am-10:45am	11:00am-11:45am	12:15pm-1:00pm
WORKFORCE	Flow of Understanding: Teaching Strategies to Advance the Water Industry Alex Litofsky, OHM Advisors	What Do Young Professionals Want? How to Create a Culture that Young Professionals Want Natalie Thompson, Hazen and Sawyer; Keith Rose, Greene County Sanitary Engineers	Strategy in Practice: Overcoming Challenges and Leveraging Opportunities to be a Leader in Water Glenn Marzluf, Del-Co Water
LEAD	It Takes a Village: Cook County, Illinois Lends a Hand in Lead Service Line Removal Jeannie Krueger, Arcadis	Preparing To Comply with The New Lead Regulations: Lessons Learned from Ohio Utilities Jeff Swertfeger, Greater Cincinnati Water Works; Brenda Culler, Cleveland Water; Emilie Eskridge, City of Columbus	Leveraging an Inspection Program and Predictive Modeling to Develop an LSL Inventory for Jackson, MS Brendan O'Brien, Stantec; Meredith Degner, Stantec
O&M	Emergency Generators and VFDs Don't Mix, Is That True? Larry Stanley, ABB	How Clarifiers Work Robert Smith, Black & Veatch	SING! Cost Effective Changes to Wastewater Clarifier to Improve Efficiency and Operations Scott Perry, Evoqua/Xylem
POTPOURRI	Federal, State, Regional, and City Resources Combine with a Common Goal: Create a Better Environment Brendan Ward, HDR; Brian Page, NEORS; Lesley Gordon, HDR	Building Partnerships through Diversity, Equity, Inclusion, and Belonging Initiatives Mia Mariotti, Wade Trim; Dave Cox, Wade Trim	A Changing Landscape: A Post-LTCP World and Other Hot Topics in Water Law Louis McMahon, McMahon DeGulis LLP
	1:15pm-2:15pm	2:15pm-3:15pm	
ETHICS	Laws and Ethics of Using AI in Utility Operations and Management James Cooper, Arcadis	Ethics in Engineering Susan Willeke, Ohio Ethics Commission	