



Indiana Section AWWA 116th Annual Conference 2024 Technical Program

Tuesday, April 9, 2024

Education/Contact Hour Key: **WT**- Water Technical CEU; **WWG**- Wastewater General CEU; **WWT**- Wastewater Technical CEU; **WDPI** - Well Driller & Pump Installer
PDH- Engineer Professional Development Hour; **V**-Validator

		Marriott 1-2	Marriott 3-4	
INAWWA Annual Conference Opening Session <i>Moderator: Chris Harrison - INAWWA Director</i>				
8:00 am to 8:15 am		Welcome to INAWWA Annual Conference 2024 Jaimie Foreman, INAWWA Chair, Board of Trustees Opening Ceremony		
8:15 am to 8:45 am		Visiting AWWA Dignitary, Welcome and Association Updates Joe Jacangelo, AWWA Immediate Past President		
8:45 am to 9:35 am		Keynote: Infrastructure Investment and Jobs Act, at the Midway Point: How to Best Position Your Utility for Incentives , Scott Hadler, Baker Tilly (WT / PDH: 1.0; WWG: 1.0) Opening Session, sponsored by: HWC Engineering		
9:35 am to 10:15 am Break - Visit the Exhibit Hall				
Room	Indiana A-D	Marriott 1-2	Marriott 3-4	Texas/Michigan
Track 1	Case Studies	Lead & Copper	Distribution	Wastewater Technical
Moderator	<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>
10:15 am to 10:45 am	Small Town Tackling Numerous Utility Issues - Town of Monroe Project Benjamin Schroeder, Wessler Engineering (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Decoding the Lead & Copper Rule Improvements for Water Systems in Indiana Karen Castelo, Arcadis (WT / PDH: 0.5; WWG: 0.5)	Understanding ISO Fire Suppression Rating Schedule - Water Supply Evaluation Tyler Olsen, Versik (WT / PDH: 1.0; WWG: 1.0; WDPI: 1.0)	Lessons Learned from Biosolids Drying Travis Maupin, Strand Associates (WT / PDH: 1.0; WWT: 1.0)
10:45 am to 11:15 am	Correcting Problems of the Past: The New Lincoln Booster Station Jason Hoff, HNTB (WT / PDH: 0.5; WWG: 0.5)	Citizens' Corrosion Control Study Preparing for the LCRR & LCRI Brean Cooper, Citizens Energy Group (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)		
11:15 am to 11:45 am	Construction Challenges & Growing Pains with the New Greensburg WTP Darren Burkhardt, HNTB (WT / PDH: 0.5; WWG: 0.5)	Behind the Curtain of Predictive Modeling for Service Line Inventories Hannah Myers, Black & Veatch (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Flowing Forward Navigating the Waters of Hydraulic Modeling for Water Utilities Carl Frey, Egis BLN (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Synergy Between Solar Energy & Wastewater Treatment Scott Nelson, Telamon Energy (WT / PDH: 0.5; WWT: 0.5)
12:00 pm to 1:30 pm Membership Lunch / Awards Presentation, sponsored by: National Water Services				
Room	Indiana A-D	Marriott 1-2	Marriott 3-4	Lincoln
Track 2	Management	Tanks Today	AMI Tech	Water Loss
Moderator	<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>
1:30 pm to 2:00 pm	Asset Management Plans Lasting Value Ryan LaReau & Amy Mendoza, Commonwealth Engineers (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Water Tank & Tower Inspection Dan Morrow, Maguire Iron (WT / PDH: 0.5; WDPI: 0.5)	Reinventing the Business Case for AMI Kristine Lavelle, Arcadis (WT / PDH: 0.5; WWG: 0.5)	Water Loss Presentation 101 Sarah Hudson, Indiana Finance Authority; INAWWA Water Loss Committee (WT / PDH: 1.0; WWG: 1.0; V: 1.0)
2:00 pm to 2:30 pm	Internal Financial Management Ross Hagen, Baker Tilly (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Cellular Antenna Installation on Water Storage Tanks Aman Anand, Tank Industry Consultants (WT / PDH: 0.5; WDPI: 0.5)	Digital Transformation Enables Smart Water Initiatives Jason Riley, Rockwell Automation (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	
2:30 pm to 3:00 pm	More Than Just Alarming - Modern Monitoring Solutions Help Utilities Optimize Assets with Data Kevin Stock, Streametric (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Water Storage Tank Maintenance Paul Spitzley, Dixon Engineering (WT / PDH: 0.5; WDPI: 0.5)	Trends in the Evolution of AMI Networks & Technology John Reiner, Neptune Tech Group (WT / PDH: 0.5; WWG: 0.5)	Water Loss Round Table Paul Dicken, Indiana Finance Authority; INAWWA Water Loss Committee (WT / PDH: 0.5; WWG: 0.5; V: 0.5)
Room	Texas/Michigan			
Engineering Ethics				
Moderator	<i>Volunteer Moderator</i>			
2:00 pm to 3:00 pm	Engineering Ethics Jeffrey Kraft, Drewrey, Simmons & Vornheim (WT / PDH: 1.0; WWG: 1.0; WDPI: 1.0)			
3:00 pm to 4:00 pm	Indiana Statutes of Engineers Jeffrey Kraft, Drewrey, Simmons & Vornheim (WT / PDH: 1.0; WWG: 1.0)	3:00 pm to 3:45 pm Break - Visit the Exhibit Hall		
Exhibit Hall - All Day				
		Marriott 1-2	Marriott 3-4	Lincoln
Track 3	Small Systems Forum		Asset Protection	IFA Regional Planning
Moderator	<i>Volunteer Moderator</i>		<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>
3:45 pm to 4:15 pm			An Overview of the Utility Coordination Process to Protect Existing Assets David Clark, Citizens Energy Group; Spencer Fairfax, Black & Veatch (WT / PDH: 0.5; WWG: 0.5)	State-wide Roundtable of IFA Regional Planning Groups Sarah Hudson, Indiana Finance Authority (WT / PDH: 1.0; WWG: 1.0)
4:15 pm to 4:45 pm	Small Systems Forum Jeremy Hardy, INAWWA Small Systems Committee (WT / PDH: 1.5; WWT: 1.5; WDPI: 1.5)		Central Canal Aqueduct Rehab Reconstruction of a Critical Component of Citizens Water Supply Infrastructure Paul Johnson, Citizens Energy Group (WT / PDH: 0.5; WWG: 0.5)	
4:45 pm to 5:15 pm				
5:30 pm to 6:30 pm	Fuller Reception, sponsored by Wessler Engineering & Bastin Logan Water Services			
*This schedule is subject to change				
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Wednesday, April 10, 2024

Education/Contact Hour Key: **WT**- Water Technical CEU; **WWG**- Wastewater General CEU; **WWT**- Wastewater Technical CEU; **WDPI** - Well Driller & Pump Installer
PDH- Engineer Professional Development Hour; **V**- Validator

Room	Indiana F-G	Marriott 1-2	Marriott 3-4	
Track 1	Intelligent Infrastructure	Water Quality	Distribution Maintenance	
<i>Moderator</i>	<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>	
8:00 am to 8:30 am	Water Meters Can't Find Distribution Main Leaks, Can They? You Bet They Can! Graham Mattison, Kamstrup (WT / PDH: 1.0; WWG: 1.0)	Lessons from Maui Hawaii after the Deadliest Wildfire Incident in Modern US History Andrew Whelton, Purdue (WT / PDH: 1.0; WWG: 1.0; WDPI: 1.0)	300,000 Times a Year a Water Main Breaks - Why? Tom Franklin, Culy Contracting (WT / PDH: 1.0; WWG: 1.0)	
9:30 am to 9:00 am				
9:00 am to 9:30 am	Intelligent Infrastructure Begins with Operational Data Alignment Walking to Basics Before Running to Automation Audi Findley, Watery (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Dirty Water Importance of Unidirectional Hydrant Flushing Whitney Weidenbender, RQAW (WT / PDH: 0.5; WWG: 0.5)	Corrosion Control Methods in Ductile Iron Pipe Dave Emmerich, US Pipe (WT / PDH: 0.5; WWG: 0.5)	
9:30 am to 10:15 am	Break - Visit the Exhibit Hall			
Room	Indiana A-D	Marriott 1-2	Marriott 3-4	Indiana F-G
Track 2	Management	PFAS	Source Water	Case Studies
<i>Moderator</i>	<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>
10:15 am to 10:45 am	3rd Party Asset Management Programs & Custom Solutions Jeff Wiltmer, USG Water Solutions (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Drinking Water Utility Roadmap to Comply with the Proposed PFAS Regulation Amanda Canida, Black & Veatch (WT / PDH: 0.5; WWG: 0.5)	Source Water Protection Road Map Ginger Davis, INAWWA Source Water Committee (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	How Granular Activated Carbon Became a Lifeline for Two Communities Jake Meinerding, Jones & Henry Engineers (WT / PDH: 1.0; WWG: 1.0; WDPI: 1.0)
10:45 am to 11:15 am	Inflation and Rising Costs: How to Adjust Rates and Changes Scott Hadler, Baker Tilly (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	De-Risking Groundwater Supply Investments in the Age of PFAS Patrick Jurcek & Beronica LeeBrand, INTERA (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Partnering for Source Water with the Nature Conservancy Joe Schmees, The Nature Conservancy (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	
11:15 am to 11:45 am	Bond Market Update and Current Trends in Utility Financing Mitchell Eschweiler, Baker Tilly (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Breaking Down PFAS & the Impact of the USEPA Regulation of Drinking Water Systems Scott Wothke, CDM Smith (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Clear Choices, Clean Water for Source Water Protection William Bloomquist, The White River Alliance (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Can Total Productive Maintenance Save Utilities: Examples in Action John Clark, City of Ft Wayne (Retired), Optimum Operations Services (WT / PDH: 0.5; WWT: 0.5)
12:00 pm to 1:30 pm	Lunch in the Exhibit Hall, sponsored by: American Structurepoint			
Room	Indiana A-D	Indiana F-G	Marriott 3-4	
Track 3	Lead Compliance	AMR / AMI	Wastewater 2	
<i>Moderators</i>	<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>	
1:30 pm to 2:00 pm	Digital Tools Accelerating LCRR Compliance Da Yu, Trinnex (WT / PDH: 0.5; WWG: 0.5)	Go Beyond Meter Reading: Maximize the Potential of Your Metering Data Gustavo Jimenez, Neptune Tech Group (WT / PDH: 0.5)	Onsite Sodium Hypochlorite Generation: A Safe & Cost Effective Solution for Disinfection Tom Caulfield, PSI Water Technologies (WT / PDH: 1.0 / WWT: 1.0; WDPI: 1.0)	
2:00 pm to 2:30 pm	Building an Effective Lead Service Line Replacement Program in Indiana Erica Walker, Arcadis (WT / PDH: 0.5; WWG: 0.5)	Meter Discussion AMI / AMR - Expert Panel Ben Christiansen, Utility Supply (WT / PDH: 1.0)		
2:30 pm to 3:00 pm	The Latest in Lead Service Line Replacement Design and Construction Tom Nagle, Robinson Engineering (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)			Digital Twin in Action How it Helps with CSO Management Da Yu, Trinnex (WT / PDH: 0.5; WWT: 0.5)
3:00 pm to 3:45 pm	Break - Visit the Exhibit Hall			
Room	Indiana F-G	Marriott 1-2	Marriott 3-4	
Track 4	Pipes & Plants	Young Professionals	At the Plant	
<i>Moderators</i>	<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>	<i>Volunteer Moderator</i>	
3:45 pm to 4:15 pm	PVC Pressure Pipe 101 Materials & Best Practices Angie Bidlack, Westlake Pipe & Fittings (WT / PDH: 1.0; WWT: 1.0; WDPI: 1.0)	Young Professionals & Water Well Drilling in Indiana Katelynn Shail, Peerless Midwest (WT / PDH: 0.5; WDPI: 0.5)	Carbon, the GOAT of Water Treatment John Dailey, Brenntag (WT / PDH: 0.5; WWT: 0.5; WDPI: 0.5)	
4:15 pm to 4:45 pm		Improving Communication Through Technology Teddy Deahl, Bowen Engineering (WT / PDH: 0.5; WDPI: 0.5)	Automate Work Order Processes Using Smart Phone Christopher Kercher, SPMR (WT / PDH: 1.0; WWG: 1.0; WDPI: 1.0)	
4:45 pm to 5:15 pm	Engineering and Constructing the Largest SBR in the State Derek Davidson, F.A. Wilhelm; Nicholas Dezelan, City of Greenfield (WT / PDH: 0.5 / WWG: 0.5)	A Gen Z'ers Perspective on the Water Industry Ryan Gansemer, HNTB (WT / PDH: 0.5; WDPI: 0.5)		
6:00 pm to 10:00 pm	Catch the Free Shuttle to our Reception at Nevermore, hosted with Peerless Midwest; M.E. Simpson Co.; and Wessler Engineering			
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Program sponsored by:

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Thursday, April 11, 2024



Education/Contact Hour Key: **WT**- Water Technical CEU; **WWG**- Wastewater General CEU; **WWT**- Wastewater Technical CEU; **WDPI** - Well Drillers & Pump Installers
PDH- Engineer Professional Development Hour

Room		Marriott Ballroom 7-10	
8:00 am to 8:30 am		Breakfast sponsored by: Commonwealth Engineers	
Track		Legislation and Water	
Moderator		<i>Justin Schnieder, Chair INAWWA Water Utility Council</i>	
8:30 am to 10:00 am		<p>Regulatory & Legislative Update Recap of Indiana Finance Authority Funding & Opportunities for 2024 Jim McGoff, COO & Director of Environmental Programs, Indiana Finance Authority</p> <p>2024 State Legislative Session and DC Update Justin Schnieder, Director of Consumer Affairs, Indiana American Water Bridget O'Connor, Senior Manager, Government and External Affairs, Citizens Energy Group</p> <p>Source of Supply Planning and Consideration Richard Miller, Engineering Manager, Indiana American Water; Jeff Willman, Vice President Water Operations, Citizens Energy Group; Steve Poulos, Executive Director-City Service, Valparaiso City Utilities (WT / PDH: 1.5; WWG: 1.5; WDPI: 1.5)</p>	
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