

115th INAWWA Annual Conference

AT A GLANCE PROGRAM

** MONDAY, April 10 **

3:00p - 7:00

Exhibitor sign in & set up - Registration 2

Non Registered Attendees - Registration 1

** TUESDAY, April 11 **

Exhibits Open: 8:00a - 5:30p

8:00a - 9:30 Opening Session
Welcome
Visiting AWWA Dignitary
Keynote

9:30 - 10:15 Break - Exhibit Hall Open!

10:15 - 11:45 Sessions

12:00p - 1:30 Lunch
Sponsored by 

1:30 - 3:00 Sessions

3:00 - 3:45 Break - Exhibit Hall Open!

3:45 - 5:15 Sessions

5:30 - 6:30 Fuller Reception
Sponsored by



8:00 - 11:00 Utility Supply Co. Party
Slippery Noodle



** WEDNESDAY, April 12 **

Exhibits Open: 8:00a - 3:45p

8:00a - 9:30 Sessions

9:30 - 10:15 Break - Exhibit Hall Open!

10:15 - 11:45 Sessions


12:00p - 1:30 Lunch
Sponsored by 

1:30 - 3:00 Sessions

3:00 - 3:45 Break - Exhibit Hall Open!

3:45 Exhibit Hall Tear Down

3:45 - 5:15 Sessions

5:30 - 6:30 Meet & Greet Reception
Sponsored by 

Featuring -
Hydrant Hysteria
Demonstration

7:00 - 10:00 Punch Bowl Social
Sponsored by



** THURSDAY, April 13 **

8:00 - 8:30 Breakfast
Sponsored by



8:30 - 10:00 Legislative & Regulatory
Update

SAFETY WHEEL OF FORTUNE

Denver Room

Tuesday - 8:00a - 5:00p & Wednesday - 8:00a - Noon

Contact Committee Chair
for Committee Meeting schedule


Indiana Section AWWA 115th Annual Conference 2023

Technical Program

Tuesday, April 11, 2023

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

Room	Indiana Ballroom A-D	Marriott Ballroom 1-2	Marriott Ballroom 3-4	Lincoln
		INAWWA Annual Conference Opening Session <i>Moderator: Chris Harrison , INAWWA Director</i>		
8:00 am to 8:15 am		Welcome to INAWWA Annual Conference 2023 John Crider, INAWWA Chair, Board of Trustees Opening Ceremony, Presentation of the Flag		
8:15 am to 8:45 am		Visiting AWWA Dignitary, Welcome and Association Updates Juanita Colon, AWWA Vice President		
8:45 am to 9:35 am		Keynote: Amanda Canida, Black & Veatch Surveying Costs on the PFAS Roadmap (WT / PDH: 1.0; WWG: 1.0) Opening Session Sponsored by Ferguson Waterworks		
9:35 am to 10:15 am	Break - Visit the Exhibit Hall			
Track 1	Operations and Maintenance	AMR / AMI	Asset Management	Wastewater Technical
Moderator	Volunteer Moderator	Volunteer Moderator	Volunteer Moderator	Volunteer Moderator
10:15 am to 10:45 am	Evansville's Proactive Approach to Maintaining Critical Water Mains Duane Gilles, Crawford, Murphy & Tilly Wayne Lindsay, Xylem (WT / PDH: 1.0; WWG: 1.0; WDPI: 1.0)	How to Select and Upgrade AMI / AMR Systems in 2023 Ben Christiansen, Utility Supply Co. (WT / PDH: 1.0; WWG: 1.0; WDPI: 1.0)	Building an Asset Management Plan that Fits Your Utility Adam Hershberger & Josh Hawley, Zipitlity (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5; V:0.5) Condition Assessment of Parallel Raw Water Mains Ben Gensic, Fort Wayne City Utilities Dustin Park, Pure Technologies (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5; V:0.5)	Real Time Nitrate Monitoring for Aeration Basin Control Mark Bowkett, Aquamonitrix (WT / PDH: 1.0; WWT: 1.0; WDPI: 1.0)
10:45 am to 11:15 am				
11:15 am to 11:45 am	Evolving Technology - Introduction to Manufactured In-place Composite Pipe (MICP) Laura Schmidt & Luke Kunkel, SippTech (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Evolving Cellular Technology and the Implications for AMI Applications Andrea Amato, Neptune (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Asset Management and Condition Assessment for Iron Pipe Paul Hanson, DIPRA (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5; V:0.5)	On-site Chlorine Generation - A Technical Solution for Chemical Supply Chain Woes Joe Ciurlino, Evoqua Water Technologies (WT / PDH:0.5; WWT:0.5; WDPI: 0.5)
12:00 pm to 1:30 pm	Membership Lunch / Awards Presentation, <i>sponsored by</i> Beam, Longest & Neff			
Track 2	Emerging Contaminants	Water Treatment / Water Quality	Case Studies	Water Loss Audits
Moderator	Volunteer Moderator	Volunteer Moderator	Volunteer Moderator	Volunteer Moderator
1:30 pm to 2:00 pm	A 6-year US National Study: Finding, Predicting & Resolving Building Water System Chemical & Microbiological Contamination Andrew Whelton, Purdue University (WT / PDH: 1.0; WWG: 1.0; WDPI: 1.0)	Ammonia Removal by Biological Filtration in Drinking Water Treatment Anna Hayes & Adam Sitka, Wessler Engineering (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Citizens Energy Group Lead Service Line Replacement Program and Implementation Jamie Schultz, Citizens Energy Group (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Water Loss Audits: Town of Osgood Case Study Toney Wood, Treanne Quick & Rachel Runge, Commonwealth Engineers (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5; V:0.5)
2:00 pm to 2:30 pm		Total Alkalinity Kevin Formsman, Swan Analytical (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	DeMotte / NORWEJ Water Extension to I-65 Daryl Knip, Abonmarche; Dennis Otten, Bose McKinney & Evans; and Mitchell Eschweiler, Baker Tilly (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Water Loss Audits: Lessons Learned Natalie Schelling, Rachel Runge Commonwealth Engineers (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5; V:0.5)
2:30 pm to 3:00 pm	Comparing Legionella Detection Methods & the Importance of Testing via Indiana Department of Health Sarah Zekovich, Indiana Dept of Health (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Iron Removal in Drinking Water with High Organics - Lewisville, IN Case Study Paula Araya, AdEdge Water Technologies (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	South Bend Pinhook WTP Improvements: A GSC Success Story Catherine Pallotta, American Structurepoint Steve Nutt, Bowen Engineering (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	The Indiana Finance Authority's Water Loss Final Report 2022 Sarah Hudson & Evan Fall Indiana Finance Authority (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5; V:0.5)
3:00 pm to 3:45 pm	Break - Visit the Exhibit Hall			
	Exhibit Hall - All Day			
Track 3		The State of the Industry (the Business)	Lead Part 1	Source Water
Moderator		Volunteer Moderator	Volunteer Moderator	Volunteer Moderator
3:45 pm to 4:15 pm			History of Water Service Lines Andrew Gordon & Madeline Pritchett Wessler Engineering (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Source Water Protection: Agricultural Practices and Programs that Promote Ginger Davis Indiana Geologic & Water Survey (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)
4:15 pm to 4:45 pm		The State of the Industry And By That, We Do Mean the Business Panel Discussion: Utility Professionals (W / PDH: 1.5; WWG: 1.5; WDPI: 1.5)	Swordfish - The First Machine Intelligent Tool for the Identification of Lead Service Lines - A Case Study Mike App, Electroscan (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	Source Water Protection Programs: A Roadmap to Adoption Ginger Davis Indiana Geologic & Water Survey (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)
4:45 pm to 5:15 pm			An Online Platform for LCRR School and Child Care Testing Stacy Jones, IDEM Sarah Hudson & Evan Fall, IFA (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)	GIS: Tool for Source Water Protection Rachel Walker Indiana Geological & Water Survey (WT / PDH: 0.5; WWG: 0.5; WDPI: 0.5)
5:30 pm to 6:30 pm	Fuller Reception, <i>sponsored by</i> Bastin Logan Water Services & Wessler Engineering			
	*This schedule is subject to change	**All CEUs Pending Approval		

Indiana Section AWWA 115th Annual Conference 2023 Technical Program				
Wednesday, April 12, 2023				
Education/Contact Hour Key: WT - Water Technical CEU; WWG - Wastewater General CEU; WWT - Wastewater Technical CEU; PDH - Engineer Professional Development Hour; WPDI - Well Driller/Pump Installer Contact Hour; V -Validator				
Room	Indiana Ballroom A-D	Marriott Ballroom 1-2	Marriott Ballroom 3-4	Lincoln
Track 1		Disinfection	Wastewater Technical	Workforce Initiatives
Moderator	Volunteer Moderator	Volunteer Moderator	Volunteer Moderator	Volunteer Moderator
8:00 am to 8:30 am		On-site Sodium Hypochlorite Generation: A Safe & Reliable Disinfection Alternative to Bulk Sodium Hypochlorite & Gas Chlorine Tom Caulfield, PSI Water Technologies (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)	Liquids Solids Separation Jar Testing John Dailey, Brenntag (WT/ PDH: 0.5; WWT: 0.5; WPDI: 0.5)	Recruiting and Retaining Veterans in the Water and Wastewater Utility Industry Sarah Hudson, Indiana Finance Authority Scott Ham, Silver Creek Water (WT / PDH: 1.5; WWG: 1.5; WPDI: 1.5)
8:30 am to 9:00 am		Converting Indiana American Water's Largest Water Treatment Plant from Chlorine to Sodium Hypochlorite Kimberly Stefanich, Matt Charles, David Lalibere Indiana American Water, Hazen & Sawyer (WT / PDH: 1.0; WWG: 1.0; WPDI: 1.0)	Phosphorous Removal Michael Sapienza, Hawkins (WT / PDH: 0.5; WWT: 0.5; WPDI: 0.5)	
9:00 am to 9:30 am			Wastewater Process Controls Visualization Jill Minor, City of Bloomington Utilities (WT/ PDH: 0.5; WWT: 0.5; WPDI: 0.5)	
9:30 am to 10:15 am	Break - Visit the Exhibit Hall			
Track 2	Rates & Finance	Distribution Water Quality	Water Loss Technology	Water Loss
Moderator	Volunteer Moderator	Volunteer Moderator	Volunteer Moderator	Volunteer Moderator
10:15 am to 10:45 am	Bond Market Update Ross Hagan & Scott Hadler Baker Tilly Municipal Advisors (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)	Chloramine Disinfectant Residual Optimization in Distribution Systems Tom Caulfield PSI Water Technologies (WT / PDH: 1.0; WWG: 1.0; WPDI: 1.0)	Traditional and Remote Leak Detection Aaron Horbovetz M.E. Simpson Company (WT / PDH: 1.0; WWG: 1.0; WPDI: 1.0; V: 1.0)	Water Loss Audit Refresher Jeff Cuningham, ME Simpson Co (WT / PDH: 1.5; WWG: 1.5; WPDI: 1.5; V:1.5)
10:45 am to 11:15 am	Inflation Reduction Act Funding Opportunities Jeff Rowe, Baker Tilly Municipal Advisors (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)			
11:15 am to 11:45 am	Building Your Financial Resilience Tyler Coffel & Bill Gabbard Baker Tilly Municipal Advisors (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)	Real Time Nitrite Monitoring for Nitrification Control in Chloraminated Water Systems Mark Bowkett, Aquamonitrix (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)	Leveraging Technology in Rural Indiana Audi Findley Greenville, Indiana (WT/ PDH: 0.5; WWG: 0.5; WPDI: 0.5; V:0.5)	
12:00 pm to 1:30 pm	Lunch in the Exhibit Hall <i>sponsored by S & K Equipment</i>			Tennessee
Track 3	Digital Solutions	Operation & Maintenance	Case Study	Cybersecurity
Moderators	Volunteer Moderator	Volunteer Moderator	Volunteer Moderator	Volunteer Moderator
1:30 pm to 2:00 pm	More Than Just Alarming: Modern Monitoring Solutions Help Utilities Optimize Assets with Data Kevin Stock, Streametric (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)	Line Stops and Insertion Valves Tom Franklin, Culy Contracting (WT / PDH: 1.0; WWG: 1.0; WPDI: 1.0)	Lead and Copper Rule Revisions: Citizens' Roadmap to Compliance Dan Moran & Ann McIver, Citizens Energy Group (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)	Cybersecurity Workshop Dawn Keyler & Brian Price, Wessler Engineering Jaimie Foreman, City of Carmel Utilities (WT / PDH: 4.0; WWT: 4.0; WPDI: 4.0)
2:00 pm to 2:30 pm	Developing a GIS Based Work Order System Jeff Weaver, Abonmarche (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)		All That Data! Open Source Tools that Bring the Data to Decision-Makers Jill Minor, City of Bloomington (WT / PDH: 1.0; WWG: 1.0; WPDI: 1.0)	
2:30 pm to 3:00 pm	Greenville IN Runs Digital Water System Scenarios to Serve Customers Better Audi Findley, Greenville IN Luke Butler, Qatium (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)	Tank Evaluations: Making the Right Choice for You Ryleigh White, Tank Industry Consultants (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)		
3:00 pm to 3:45 pm	Break - Visit the Exhibit Hall			This workshop is grant funded by the Indiana Finance Authority and held in conjunction with Annual Conference. It requires a separate registration. Please visit our event listing on our website or use the QR Code below.  Or stop by Registration 2 desk
Track 4	Young Professionals	Emerging Contaminants	Lead Part 2	
Moderators	Volunteer Moderator	Volunteer Moderator	Volunteer Moderator	
3:45 pm to 4:15 pm	Presentations That Get Standing Ovations Teddy Deahl, Bowen Engineering Bridget Ingram, Wessler Engineering (WT / PDH: 0.5; WWG: 0.5)	PFAS SDWA Regulatory status and UCMR 5 Updates for Water Systems Kevin Custer, Pace (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)	Lead Service Line Replacement: Best Practices Bill Etzler & Jeff Weaver Abonmarche (WT / PDH: 1.0; WWG: 1.0; WPDI: 1.0)	
4:15 pm to 4:45 pm	Tactical Life Planning Bruce Cooley, Citizens Energy Group (WT / PDH: 1.0; WWG: 1.0)	Understanding Microplastics Found at Building Faucets: Types, Sources, Implications and Knowledge-Gaps Paula Coelho, Purdue University (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)		
4:45 pm to 5:15 pm		UV Disinfection for Emerging Contaminants and Chlorine Resistant Pathogens Joe Ciurlino, Evoqua Water Technologies (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)	Developing Bloomington's Lead Service Line Inventory Vic Kelson, City of Bloomington (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)	
5:30 pm to 6:30 pm	Meet and Greet Reception with Hydrant Hysteria Demonstration <i>sponsored by National Water Services</i>			
	*This schedule is subject to change.	**All CEUs Pending Approval		

	Indiana Section AWWA 115th Annual Conference 2023		
	Technical Program		
	Thursday, April 13, 2023		
	<u>Education/Contact Hour Key:</u> WT - Water Technical CEU; WWG - Wastewater General CEU; WWT - Wastewater Technical CEU; PDH - Engineer Professional Development Hour; WPDI - Well Driller/Pump Installer Contact Hour		
Room		Marriott Ballroom 7-10	
8:00 am to 8:30 am		Breakfast sponsored by: Commonwealth Engineers	
Track		Legislation and Water	
Moderator		Scott Miller	
8:30 am to 10:00 am		<p>Legislative and Regulatory Update</p> <p>Legislative Update: Chris Janak, Bose, McKinney & Evans</p> <p>Innovative Funding for Customer Side Lead Service Line Replacement Nathan Anderson, Assistant Vice President, Federal Reserve Bank of Chicago Jim McGoff, COO & Director of Environmental Programs, Indiana Finance Authority Dennis Otten, Bose McKinney & Evans Scott Miller, Baker Tilly Municipal Advisors</p> <p>(WT / PDH: 1.5; WWG: 1.5)</p>	
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PO Box 127
Brownsburg, IN 46112

866-213-2796

TO REGISTER



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