

PNCWA2026: *Rising to the Moment* Monday, September 14th Agenda

Monday, September 14th Agenda

Time	Room 201	Room 202	Room 205	Room 206A	Room 206B	Room 206C	Room 206D	Room 207	Other Events	
7:00AM - 8:00AM	Ballroom 111: Breakfast (Open to All Attendees)									
8:30AM - 10:00AM	Ballroom 111: Opening General Session WW									
10:00AM - 10:15AM	BREAK									
10:15AM - 11:15AM	Wastewater Treatment Fundamentals, Session 1	Puget Sound Nutrients, Session 1	Optimization of Municipal Treatment Facility Operations, Session 1	Leadership & Development, Session 1	Climate Adaptation & Resilience, Session 1	Collection Systems and Distribution, Session 1	Water Reuse, Session 1	Municipal Treatment, Session 1	Stormwater Tour 10:15 AM - 12:20 PM	
	Wastewater Treatment 101 Hannah Thomascall WW	Navigating Nutrient Regulation in Puget Sound Eleanor Ott , Shawn McKone WW	North Idaho Operator Panel Discussion: UltraLow Tertiary Phosphorus Removal Kylie Cutler , Andrew Ruiz, Craig Barrenpohl WW	People and Pixels: Leading and Managing in an Increasingly Virtual World Dan Speicher Leading a Multigenerational Workforce Through AI Adoption Mizan Rashid, Mark Poling WW	Don't be the frog in the warming waters. Operations and climate change: a primer and a peer sourced set of vulnerabilities and solutions to prepare for a resilient water system today. Tracy Lunsford, Beth Miller, Layne McWilliams WW	Lessons Learned in Condition Assessment of the Incessness Force Main System Heather Stephens, Brenda Sherwood WW	Quantifying PFAS in Crops and Wetland Vegetation at Land Application Sites Kimia Tabib WW	Innovative Temporary Disinfection Strategy Saves Construction Time and Money Patricia Tam WW		
	MBR Treatment Facilities in Practice: Overview, Applicability, and Procurement Kelsey Wagner, WW	Nutrient Removal Performance to Inform Technology Based Effluent Limits Charles Hammond WW				FRPPP Force Main Rehabilitation – The New Standard in Pressure Pipe Lining Sysytems Matthew Izzard WW	Transforming Waste Into Value Through Advanced Water Reuse Technologies Murthy Kasi, Raj Chavan WW	Ultraviolet (UV) Disinfection Procurement Selection Process Aiding the Design Development of the 210 mgd Elliott West Wet Weather Treatment Facility Michael Borrero, Meghna Prasad WW		
11:20AM - 12:20PM	Wastewater Treatment Fundamentals, Session 2	Puget Sound Nutrients, Session 2	Project Delivery, Session 1	Leadership & Development, Session 2	Climate Adaptation & Resilience, Session 2	Collection Systems and Distribution, Session 2	Water Reuse, Session 2	Municipal Treatment, Session 2		
	Fundamental Concepts in Biological Nutrient Removal Christine HengelProm WW	Connecting Nutrient Management to Oxygen Available for Puget Sound Organisms Stefano Mazzilli, Marielle Kanojia WW	Market Pulse: How to Use Market Soundings to Improve Collaborative Delivery Procurement Shelby Hodge, Laura Nolan WW		From Risk toward Resilience: Climate Adaptation for King County's WW Infrastructure Jennifer Belknap WW	CIPP Lining the Unlineable Bob Jacobsen WW	Upgrading Clean Water Services' Temperature Compliance Strategy – A Holistic, Watershed and ValueBased Approach Scott Mansell , Lauren Roof WW	HighRate Clarification for Wet Weather Resilience: Actiflo BenchScale Study Brent Robinson, Karstin Jacobson WW		
	50 years of tertiary treatment. Leveraging tertiary filtration experiences of the past when designing for the future. Danny Murphy WW	An Evolving Regulatory Tide: Nutrient Compliance Changes for Puget Sound Amanda McInnis, Natalie Monro WW	Avoid Common CM/GC Pitfalls: Pursuing a WinWin without Giving Away the Farm Michelle Green WW	First Time Supervisor? Don't Just Survive, Thrive! Mark Poling, Jason Flowers WW	Climate Resilience in Action: Practical Frameworks from CoasttoCoast Maithilee Das Lappin WW	UltraViolet CuredinPlacePipe Lining of Center Street Trunk, a Large Diameter Eggshaped Brick Sewer in the Downtown area Zach Swartzendruber, WW		CFD Modeling Supports the 210 mgd Elliot West Wet Weather Treatment Facility Hydraulic Design Ed Wicklein WW		
12:25PM - 1:25PM	Ballroom 111: Awards Luncheon (Ticket Required)									
1:30PM - 2:30PM	WAVE PRESENTATIONS	Puget Sound Nutrients, Session 3	Optimization of Municipal Treatment Facility Operations, Session 2	Utility and Asset Management, Session 1	Emerging Contaminants, Session 1	Collection Systems and Distribution, Session 3	Biosolids, Session 1	Municipal Treatment, Session 3	Spokane County Regional Water Reclamation Facility Tour 1:30 PM - 3:45 PM WW	
		Tracking Puget Sound Nutrient Loading Trends and Water Quality Response David Clark, Joel Baker, Stefano Mazzilli WW	Breaking the Cycle of Scaling: A Fresh Approach at Tri City WRRF Josh Miner, Shubhashini Oza WW	Rising to the Moment Through Practical Shut Down Planning for Operational Facilities Nicole Ream, Hana Kim , Christina Vanburen WW	Avian Influenza A(H5) Surface Water Detection with eDNA Mobile Filtration Bella Beha WW	Finding the Path: When to Choose GC/CM or PDB for Linear Conveyance Patrick Weber WW	Biosolids Planning for Community Growth Under Uncertainty: A RoadmapBased Approach Quinn Behnke, Bill Owen WW	Implementation of a Major Wastewater Plant Expansion through the use of Progressive Design Build Rick Kelly, Kelly Comstock WW		
			Durham WRRF Tertiary Filter Performance Optimizations Jana Otero, Matthew Christensen, Alex Crozes WW	Risk, Reward and Reality – Structuring Your Project So That Contractors Want to Hard Bid Chris Boersten WW	Genomic techniques informing harmful algal bloom (HAB) management strategies Rachel Golda WW	Lessons from Supporting 10+ Miles of Large Diameter Pipeline Construction Jennifer Kersh, David Kelly WW	Policy Shifts & Technology Transitions: Scaling Biosolids Thermal Drying for LongTerm Resilience Jeremy Koch WW	City of Lynden WWTP Biological Nutrient Removal Upgrade: Phased Conversion of Oxidation Ditches to MLE Within a FloodwayConstrained Site Bito Nazayab WW		
2:30PM - 2:45PM	BREAK									Spokane County Regional Water Reclamation Facility Tour 1:30 PM - 3:45 PM WW
2:45PM - 3:45PM	Project Delivery 101, Session 1	Puget Sound Nutrients, Session 4	Optimization of Municipal Treatment Facility Operations, Session 3	Utility and Asset Management, Session 2	Emerging Contaminants, Session 2	Collection Systems and Distribution, Session 4	Biosolids, Session 2	Municipal Treatment, Session 4		
	Critical Early Planning for Program Delivery: Keys to LongTerm Success Petra Liskova, Anna James WW	Evolving Puget Sound Nutrient Database to Support Broader Nutrient Program Amanda McInnis WW	Sweating the Assets Low Build Intensification for Total Inorganic Nitrogen Removal with the Mobile Organic Biofilm™ (MOB) Process Installation in Reno, Nevada Graig Rosenberger WW	Digital Dreams Meet Operational Reality: Curing the Shiny Object Syndrome Scott Bash WW	'Background' PFAS occurrence in groundwater and soil: influence of land use and urbanization Rachel Golda, Ryan Dougherty WW	Pipe Ramming for the Frogs Brendan O'Sullivan , Brandon Falk WW	A Solid Approach to Pasco's Growing City Will Kirby WW	State Point in Practice: Validating Assumptions and Making Daytoday Operational Decisions Ornello Sosa-Hernandez, Erik Lomtson WW		
	Rising to the Moment Through Interface Management in Complex Capital Programs Nicole Ream, Gabe Solmer WW	Post Point's Nutrient Reduction Evaluation Findings Anne Conklin WW	Aeration System Evaluation at Pocatello WPCF: Diffuser Replacement Restores Capacity and Avoids Near Term Blower Upgrade Katerina Messoligitis, Skyler Allen WW	AI and Machine Learning in the Water Industry: RealWorld Applications for Enhanced Operations and Asset Management Nandita Ahuja WW	Beyond Nutrients: PilotScale Removal of Phosphorus, Toxicity, Metals, and PFAS Nick Guho WW	Strategic Selection of Sewer Installation and Rehabilitation Methods on a Complex Utility Project Jacob Korsness WW	Grease, Gas, and the Bottom Line: Twelve Years of FOG Facility Operations at the Durham WRRF Kevin Wegener, Dan Garbelly WW	Improving CSO Metals Removal: Bench Scale Results and Treatment Pathways Natalie Gustafson, Shannon Cavanaugh, John Carter WW		
3:50PM - 4:50PM	Watershed 101, Session 1	Puget Sound Nutrients, Session 5	Optimization of Municipal Treatment Facility Operations, Session 4	Utility and Asset Management, Session 3	Emerging Contaminants, Session 3	Collection Systems and Distribution, Session 5	Biosolids, Session 3	Municipal Treatment, Session 5	Women of Water Networking Event 3:50 PM - 5:30 PM Roof Deck	
	Benefits of Stream Restoration and Habitat Enhancement to Improve Watershed Health, Drought Resilience, and Inform BasinWide Planning Paul Beskow	Balancing Uncertainty and Compliance King County's Nutrient Reduction Evaluation Ian McKelvey, Anne Conklin, Ali Saperstein WW	Leveraging MABR Intensification Technology to Remove Nitrogen within Existing Tankage Michael Falk WW	An Improved RFP/RFQ Process for Everyone's Benefit Brian Murphy, Frank Dick WW	DeRisking PFAS Compliance with RSSCTs and Machine Learning Joe Downey, Raj Chavan WW	From Aging to Amazing: Pump Station Retrofit Wins and the Moments That Made Us Smarter Adam Crafts WW	Reducing Risk and Improving Performance in Thermal Hydrolysis Systems Tom Nangle WW	Wastewater Surveillance Reveals Geographic and Sociodemographic Patterns of Antimicrobial Resistance Matthew Latham WW		
	Water Quality Trading 101: Watershedbased Clean Water Act Compliance Strategies Chris Thomas, Jessica Fox		Optimizing SBR Aeration Through DataDriven Modeling Thomas Maere WW		From Data to Decision: PFAS Treatment Strategies for Landfill Leachate Robert Rebados WW	Taking the Stink Out of Wet Well Maintenance Sam Taaffe WW		When Everything Changed Overnight: The Story of Lahaina WWTF Resilience William Leaf WW		
5:00PM - 7:00PM	Exhibit Hall 100: Exhibit Hall Opening Reception									
7:15PM - 8:30PM	Film Showing in Conference Theater: Unless Something Goes Terribly Wrong									

PNCWA2026: *Rising to the Moment*

Tuesday, September 15th Agenda

Time	Room 201	Room 202	Room 205	Room 206A	Room 206B	Room 206C	Room 206D	Room 207	Exhibit Hall	Other Events
7:00AM - 8:00AM	Ballroom 111C: Operator's Breakfast Ballroom 111AB: Breakfast (Open to All Attendees)									
8:00AM - 9:00AM	Conveyance 101, Session 1	Water Reuse, Session 3	Digital Solutions and Automation, Session 1	Public Communications and Outreach, Session 1	Storm, Surface Water, and Watershed Management, Session 1	Collection Systems and Distribution, Session 6	Municipal Treatment, Session 6	Biosolids, Session 4	Exhibit Hall, Session 1	
	Uft Station Design 101 Curtis Butterfield, Julia Reese	Advancing Water Reuse Through Regulatory Reform: A PNW Perspective Amelia Luna, Erin Mackey, JJ Fenton	Build, Buy or Hybrid: Pathways to Continuous Water Quality Monitoring Jason Cook	Going Together to Go Farther: Regional Collaboration for Better Outcomes Elizabeth Lowell, Manon Fisher	From Limits to Markets: Assessing the Feasibility of a San Francisco Bay Nutrient Water Quality Trading Program Chris Thomas, Mike Falk	Technologies for Climate Resiliency in Sewer System Ann Quentzer	Around the World in 40 Minutes: Global Lessons for Meeting Stricter Nitrogen Limits Matt Noesen, Paul Steele	Designing for Flexibility: PilotScale Digestion for LongTerm Solids Planning Tyler Barber	Influent to Effluent Wastewater Technologies Mobile Session	
	Digging into NoDig: Intro to Trenchless Technologies Ross Varin		Flowing Together: Spokane Turns RealTime Data into Action to Advance Stormwater Treatment and Protect the Spokane River Adam Rhoades		Wastewater Treatment for Watershed Protection: Understanding the Three Basin Rule Peter Olsen, Pam Villarreal	Optimizing the Benefits of I/I Reduction: Oregon City's Approach to Private Side Laterals Dave Brakow		The Same...But Completely Different: Thermophilic Aerobic Digestion Overhaul(s) in the Pacific Northwest Matthew Williams		
9:00AM - 9:30AM	BREAK: Exhibitor Hall									
9:30AM - 10:30AM	Project Delivery 101, Session 2	Water Reuse, Session 4	Project Delivery, Session 2	Public Communications and Outreach, Session 2	Storm, Surface Water, and Watershed Management, Session 2	Collection Systems and Distribution, Session 7	Municipal Treatment, Session 7	Biosolids, Session 5	Exhibit Hall, Session 2	
	Delivering Differently: Making Sense of Collaborative Delivery Options Michelle Green, Kristen Jackson	From Regional Discharge to Hillside Reuse: Designing Affordable Wastewater Solutions for Small Communities Ashley Williams, Nathan Wright, Jon Groth	From Cost to Impact: Reframing Water Investments for Value Luke Pinto	Building the Dream Team: Crafting Stories for Project Partnerships and Funding Kelly Black, Erin Cox	Beyond Opportunistic Retrofits: A Strategic Framework for WatershedScale Nature Based Solutions Nikki Redden, John Phillips	Rising to Coastal Risk – Relocating the 55th Street Pump Station Travis Meyette, Shawn Spargo	Navigating Complex Biological Nutrient Removal Process Selection Decisions in an Uncertain Regulatory Climate Kathryn Gies, Johnny Leavy	Digestion Without Indigestion: Adaptive Planning for Biosolids Resiliency and Risk Management in the face of Uncertainty Jen Murphy, Heather McKenna	Collections Systems Mobile Session	
		Source Water Characterization and Pilot Planning for Advancing Potable Reuse in the Pacific Northwest Victoria Nyström, Stephen Taylor	From Episodic VE to Continuous Value Management: Lessons from Seattle's Mouth of Duwamish CSD Program Tyler Brentan, Greg Brink	Working Upstream: Advancing Equityinformed Actions in Wastewater Capital Projects Anika Tabachnick, Keanna Dandridge, Lynsey Burgess	Designing for Resilience: Delivering the Fry Creek Pump Station to Protect Aberdeen from Tidal and Storm Driven Flooding Charlie Allaben, David Kuhs	Operating Experience with DAS, ABAC, and Sidedstream Nutrient Removal at the Boulder WRRF Nathan Brown				
10:35AM - 11:35AM	Utility Management 101, Session 1	Water Reuse, Session 5	Project Delivery, Session 3	Public Communications and Outreach, Session 3	Storm, Surface Water, and Watershed Management, Session 3	Collection Systems and Distribution, Session 8	Municipal Treatment, Session 8	Biosolids, Session 6	Exhibit Hall, Session 3	
	Stormwater Infrastructure Maintenance Overview Becky Casey	Water Reuse Projects: Where Innovation and Dreams Meets Operational Realities Ken Windram		Building Trust Around the Tap: Engaging Communities to Address Chronic Groundwater Contamination Isaac Estrada	City of Spokane's Adaptive Management Approach to Environmental Planning Amanda McInnis, Lorena Croucher	Microtunneling to Minimize Community and Environmental Impacts Brandon O'Sullivan, Glen Wheeler	Piloting MABR Nitrogen Removal Under RealWorld Operating Constraints Nikita Kowal, Anne Conklin	From Cake to Product: Transforming Class A Biosolids Through Biodrying Todd Williams		
	I/I CostEffectiveness 101: DataDriven Decisions for Wet Weather Brent Robinson	Demonstrating the ecological benefit of reuse water for wetland restoration using environmental DNA metabarcoding Hannah Ferguson	Clear as Primary Effluent – A CMGC Delivery Story in Oregon Rob Peacock, Josh Johnson, William Pense	Down the Drain and in your Brain – How to get Wastewater Education to Stick Hannah Thomascali, Elisabeth Murphy	Balancing Water Quality & Cost: Adaptations to Nutrient Regulations in the West Jessica Shepard, Geneva Bernstein, Madelynn Knab	Emergency Repair and LongTerm Rehabilitation of Goedeck Trunk, RUSA's Primary Wastewater Conveyance Asset Byron Kershner, Clay Jordan, Rob Lee	A UK first: The world's largest MABR combined with densification Craig Duvall	Beyond Dry: What Happens Next Amy Hanna	Wastewater Solids Handling Mobile Session	
11:40AM - 1:00PM	Ballroom 111: PNCWA Business Luncheon (Ticket Required)									
1:05PM - 2:05PM	Wastewater Treatment Fundamentals, Session 3	Water Reuse, Session 6	Digital Solutions and Automation, Session 2	Industrial Treatment, Session 1	Storm, Surface Water, and Watershed Management, Session 4	Leadership & Development, Session 3	Climate Change Adaptation, Greenhouse Gas Emissions, and Sustainability, Session 1	Municipal Treatment, Session 9	Exhibit Hall, Session 4	
	Nutrient Removal 101: From Conventional Activated Sludge to Advanced Technologies for Stringent Compliance Murthy Kasi, Austin Carnes, Ron Gearhart	When It Rains, It Pours: RiskBased Winter Reuse Management in a Groundwater Management Area Lauryn Guerissi, Joe Mitzel	From GIS to GIS: The Next Evolution of Utility Intelligence Mike Van Doorn, Marty Anderson	Beer For Drinking, Recycled Water for Data Center Cooling: A Case Study Ufuk Erdal	Restoring Historic Drainages & Managing Risk with Regional Stormwater Facilities Thomas Suesser, Kaitlin Vacca	Equitable Workforce Development Models for Large Utilities Margo Iñiguez Dawes, Eli Weiss	Operational Tradeoffs Between Nutrient Removal and N ₂ O Emissions in Aerobic Granular Sludge Systems Bao Nguyen Quoc	Biological Phosphorus Removal and Anaerobic Zone Sizing from a Carbon Perspective - Clarifying Return on Investment Isabel Huggins	Wastewater Reclamation Facility Emerging Technologies Mobile Session	
		Butte Montana Leading the Northwest in Wastewater Effluent Reuse Garrett Palla	When do Digital Tools Actually Help Operators? Chimay Gadhani		Navigating Turbulence: Underground Stormwater Design in a Constrained Corridor McKallee Beck, Bob Thayne		Witchy Brew: New Empirical Insights into the Dark Art of Primary Sludge Fermentation Jon Liberzon	Nanobubble Pretreatment as an Intensification Strategy at the Budd Inlet Treatment Plant Riley Murnane, Paul Jue, Stephen Taylor		
2:05PM - 2:35PM	BREAK: Exhibitor Hall									
2:35PM - 3:35PM	Wastewater Treatment Fundamentals, Session 4	Water Reuse, Session 7	Project Delivery, Session 4	Industrial Treatment, Session 2	Storm, Surface Water, and Watershed Management, Session 5	Leadership & Development, Session 4	Municipal Treatment, Session 10	Municipal Treatment, Session 11	Exhibit Hall, Session 5	
	Centrifuge Processing 101 Sean Tierney	Quantitative Water Quality Risk Assessments Tophir Jones	Getting Back on Track: Overcoming Schedule Challenges with Progressive DesignBuild Brad Florentin	Research and Regulation: Proactively and Reactively Investigating Industrial Sources of Nitrification Inhibition Leila Barker, Cierah Allerness	Shaving the Peaks in Battle Ground: A Case Study in Equalization Travis Tormanen, Travis Meyette	Learning how to juggle: Multidisciplinary project management. 101 Laura Nolan	Integrating Partial Denitrification–Anammox and Biological SelectionDriven Densification in a FullScale FoundationFlow Facility Under Stringent Nitrogen Limits Yewel Sun	The Next Generation of Biological Nutrient Removal: how the results from three Water Research Foundation projects will influence the future of nutrient removal design and operation Leon Downing	Wastewater Treatment Odor Control Mobile Session	
	Tertiary Filtration 101 Michael Bundy	Artificial Intelligence and Machine Learning Can Make Potable Reuse Projects More Resilient than Ever Ufuk Erdal	Progressive Design Build Provides Lessons Learned from the Pandemic for Critical Infrastructure Michael Fuss	Utility as Connector: Building Regional Resilience Through Industrial Symbiosis Jessica Shaw, Matt Noesen, Mike Hodgson	West Point Treatment Plant Steady and Transient from Hydraulic Modeling Mahsa Ahmadoor	High Performing Teams That Deliver: Practical Lessons for Wastewater and Stormwater Projects Keith Ward, Kerri Franklin	Intense Intensification Modeling: Improved Sensitivity and Capacity Analyses of Densified Sludge Luke Pinto	Beyond Nitrification: SystemWide Considerations for Critical Wastewater Conversion Majid Neyestani		
3:40PM - 4:40PM	Wastewater Treatment Fundamentals, Session 5	Water Reuse, Session 8	Project Delivery, Session 5	Optimization of Municipal Treatment Facility Operations, Session 5	Storm, Surface Water, and Watershed Management, Session 6	Emerging Contaminants, Session 4	Municipal Treatment, Session 12	Biosolids, Session 7	Ops Challenge Session 1	
	Biosolids Land Application 101 Jori Nelson	PNW WaterReuse: Water Right Considerations Adam Gravelly	From Red Tape to Green Lights! How CM/GC Can Expedite Project Delivery and Bolster Owner Engagement Jordan Parker, Justin Bickie	Empowered Operators Deliver Energy Savings Matt Smeraglio	From Submittal to Decision: Strengthening Stormwater and Floodplain Development Review Dan Garikipy, Kripa Chandran	PFAS Mitigation at Water Reclamation Facilities Leveraging Existing Processes Michael Cubas	Designing Nanobubble Pilots That Deliver: Lessons from Previous Experimental Frameworks Jon Liberzon, Stephen Taylor	Making Digester Gas Work: Renewable Natural Gas Case Study Karen Bill, Adam Behr	Leadership Development Through Operations Challenge Kevin Wegener, Chris Carsner	
	Activated Carbon 101: Fundamentals, Performance, and Practical Applications in Water Treatment Christopher Vitzaino	We Can't Do It Alone: Building a Strategy for Community Partnerships Natalie Monro	OnTime and Under Pressure: Collaborative Upgrades to Nampa's Influent Systems Michael Schulz, Shannon Johnson, Nick Miller	Crawling Out of the Graveyard: Practical Learnings from Utilities Transitioning from 24/7 Staffing Thomas Moore	Counter the Scour! How Large Woody Material can be used to Protect Assets and how to Manage Risks Paul Beskow	Topic TBD Speaker TBD	Is Your Concrete Quiet/Quitting? Restoring Service Life for Critical Wastewater Facilities Riley Walsh	Biodrying for Small Municipalities Case Studies, Performance Data, and Economic Analyses Valentino Villa		
4:45PM - 6:45PM	Exhibit Hall 100: Exhibit Hall Closing Reception									
7:00PM - 10:00PM	Block Party									

PNCWA2026: Rising to the Moment

Wednesday, September 16th Agenda

Time	Room 201	Room 202	Room 205	Room 206A	Room 206B	Room 206C	Room 206D	Room 207	Other Events
7:00AM - 8:00AM	Ballroom 111: Breakfast (available to all attendees)								
8:00AM - 9:00AM	Project Delivery 101 , Session 3	Biosolids, Session 8	Project Delivery, Session 6	Optimization of Municipal Treatment Facility Operations, Session 6	Storm, Surface Water, and Watershed Management, Session 7	Municipal Treatment, Session 13	Collection Systems and Distribution, Session 9	Climate Change Adaptation, Greenhouse Gas Emissions, and Sustainability, Session 2	Airway Heights Water Reclamation Plant Tour 8:00 AM - 10:30 AM
	Building Resilient Utilities: Creative Financing for Water and Wastewater Stillman Norton , Pam Villarreal WW	The Impacts of Heating Biosolids on the Fate of PFAS: Drying, Pyrolysis, and Gasification Francesca Ceccani WW	Beyond asbulits: Asset onboarding that works Chris Puccio WW	Novel Aeration Control Delivers Energy Savings and Improved Nutrient Removal Mark Gehring WW	Modeling Aquifer Storage and Recovery for Thermal Mitigation on the Tualatin River, OR Zoe Rodriguez del Rey , Jared Kinnear	Study of a Montana Waterbody The Ashley Creek Use Attainability Analysis (UAA) Rickey Schultz, Chad Wiseman	Beyond Gravity: Developing a Risk Framework for Pressurized Sewer Infrastructure Rob Lee, Vanessa Johnson, Melissa Moe WW	GHGs for poop? We've got the scoop! There's new GHG guidance created specifically for the water sector. Tracy Lunsford, Stephen Greenslade WW	
	Constructability Review 101 – Fundamentals, Benefits, and Practical Examples Adam Rector WW	From Pilot to FullScale: Navigating the Integration of Advanced Thermal Technologies for PFAS Removal in Biosolids Donald Song WW	Designing with Intent: Constructability Driven SOE Designs for the Carolina Trunk Sewer Rehabilitation Project Conner Bauman WW	Modeling The Impacts of Calcium Carbonate Alkalinity Enhancement on Biological Nutrient Removal Nick Popolizio, Benjamin Geyman WW	When Water Quality Standards Can't Reasonably Be Attained: Clean Act Water Options and Precedents Clifton Bell		Beyond Compliance: Elevating Stormwater Management from Permit Tracking to Strategic Asset Stewardship Michelle Perdue , Shawn Alire, Beth Schrayshuen WW	A CostEffective Nature Based Approach to Effluent Thermal load Mitigation Mike Montazeri, Pete Munoz WW	
9:05AM - 10:05AM	Modeling 101, Session 1	Biosolids, Session 9	Project Delivery, Session 7	Digital Solutions and Automation, Session 3	Storm, Surface Water, and Watershed Management, Session 8	Municipal Treatment, Session 14	Collection Systems and Distribution, Session 10	Climate Change Adaptation, Greenhouse Gas Emissions, and Sustainability, Session 3	Airway Heights Water Reclamation Plant Tour 8:00 AM - 10:30 AM
	Biological Process Modeling 101 and Beyond Katerina Messologitis, Vrunda Patel WW	Unlocking Hidden Solids Capacity Through Holistic, DataDriven Planning and Optimization Luke Thompson Pinto, Alli Hornak WW	Navigating Friction Between Engineers and Manufacturers Tanner Windom, Keith Beckman WW	Beyond the Buzzwords: What Digital Technology Can Deliver Today for Water and Wastewater Susan Howard WW	Hydro Logic: Data Driven Decisions for Current and Future Facilities in Floodplains and Floodways Dan Gariépy, Kripa Chandran	Origin of a Species: The Evolution of the Modern Day Mechanically Cleaned Bar Screen Gary M Lohse, Andrew McGuire WW	Separating Out the Crap: How to Innovate in a Changing Industry Sam Taaffe , David Lane WW	Extension of BEAM tool for assessing PFAS emissions and sustainability metrics in biosolids thermal processes Francesca Ceccani WW	
	Introduction to Hydraulic Modeling Applications of Hydraulic Modeling in Water, Stormwater, and Wastewater Infrastructure Design Mizan Rashid, Ashraful Islam WW	Thermal Processes: Fundamentals and Next Steps John Ross WW	CMGC in Action: Construction Progress and Lessons Learned from the Carolina Sewer Trunk Rehabilitation Sarah Lingley, Ainsworth Marshall, Ryan Carney, Chris Bottoms WW	Reimagining Water Utility Automation: Lessons from the City of Conroe's SoftwareDefined Transformation Aayush Patel WW	Integrated MicroSorbent Adsorption and Pile Cloth Media Filtration for Advanced Removal of Organic Micropollutants and PFAS in Wastewater Effluents John Dyson	DataDriven Headworks Design Tim Matheis WW	How to plan for growth when working with overly optimistic developers Brad Mercure, Austin Suing WW	From Deterministic Design to RiskBased Sewer Planning Under Climate Uncertainty Amin Mahdipour, Scott Mansell WW	
10:05AM - 10:25AM	BREAK								
10:25AM - 11:25AM	Wastewater Treatment Fundamentals, Session 6	Biosolids, Session 10	Project Delivery, Session 8	Digital Solutions and Automation, Session 4	Optimization of Municipal Treatment Facility Operations, Session 7	Municipal Treatment, Session 15	Emerging Contaminants, Session 5	Utility and Asset Management, Session 4	
	The Good, the Bad, and the Plugged: A Beginner's Guide to Screening Kylie Cutler WW	Challenges in Startup of a Biological Class A Biosolids System Scott Weirich WW	You Bought It How Many Times? Lessons in MegaProject Operator Training Kiersten Lee, Lindsey Rafter WW	What' just happened? Why can't we have the right data when we need it? Mario Benisch, Austin Carnes WW	Biological Nutrient Removal Facility Process Controls for Operational Flexibility and Reduced Operating Costs Francesca Ceccani, Tricia Sweeny, Johnny Leavy WW	Combining Innovation and Funding to Meet Challenges in Rigby, Idaho Eric Roundy WW	Remote Lab: Rapid OnSite Detection of Candida auris in Wastewater Ollie Cook WW	From Stalemate to Solution: How Community Engagement Resolved a Four Decade Wastewater Challenge in Fall City Brian Shuck, Jeff Wilson WW	
	So you think you want an Actuator? Chris Baersten WW	Startup & Optimization of Pocatello's Biosolids Reuse and Recovery Process Jared Richens, Justin Bloxham, Colter Hallingshead WW	OperatorCentered and Multi Modal Training for Complex Projects Ship Canal Water Quality Project Storage Tunnel Training Program Asa Chavez-Knight, Juliana Andrade WW	Designing Smarter: How Digital Twins Reduce Construction Cost in Aeration Basin Upgrades Bruce Johnson WW		Big Funding, Big Challenges: The Twisp Story Brent Deyo, Andrew Denham WW	Stormwater 2.0: Managing Emerging Contaminants and Evolving Water Quality Rules Jana Crawford, Dustin Atchison WW	Risky Business: A Collaborative Approach to Risk and Vulnerability in Comprehensive Planning Swati Maurya, Ryan Haller, Justin Phelps WW	
11:30AM - 12:30PM	Optimization of Municipal Treatment Facility Operations, Session 9	Biosolids, Session 11	Project Delivery, Session 9	Digital Solutions and Automation, Session 5	Optimization of Municipal Treatment Facility Operations, Session 8	Municipal Treatment, Session 16	Municipal Treatment, Session 17	Leadership & Development, Session 5	
	Permits, Petitions, and Progress: Delivering Under the Three Basin Rule Luke Jones, Tsigereda Woldegiorgis , Pamela Villarreal WW	Inside the First Full-Scale Microbial Hydrolysis Facility Cameron Clark WW	Threading the Needle: King County Wastewater Treatment Division's Innovative Alternatives Evaluation to Solve CSO Challenges for the Mouth of the Duwamish River Edith Hadler, Shelby Hodge WW	Modernizing SCADA Communication with Private Cellular Networks Jeffrey Kanyuch, Trevor Klatt, Andy Huffman	Commissioning Starts on Day 1: Building a StartupReady Facility Keith Beckman, Curtis Fenner WW	Fixed Covers, Secure Future: A Digester Upgrade Strategy Focused on Safety, Simplicity, and Emissions Hannah McLean, Karina Woodland WW	Breathing new life into old bioreactors: innovative aeration strategies for the future Vrunda Patel WW	Mission Ready: Recruiting the Next Wave of Water Operators from the Military Dotti Ramey, Becca Chapa WW	
	Groundwater Changes and its Effects on Underground Electric Infrastructure Lauren Koonce WW	Changing Paradigm - Idaho Falls WWTP Biosolids Long Term Alternatives Evaluation Nickolas Smith, Darrin Lords, Laura Swanberg WW	Optimizing a Combined Sewer Overflow Long Term Control Plan Using Alternative Delivery Methods to Deliver CSO HighRate Treatment Yan Duan, Tim Healy WW		Who's afraid of Serial #1? First Installations of New Processes or Equipment. Mario Benisch WW	Membrane Disc Diffusers – Clean or Replace? Jon Butt WW	Bringing Aerobic Granular Sludge (AGS) to Continuous Flow Treatment Plants: A GameChanger for New Plants, Nutrient Removal and Increase to Plant Capacity BettyAnn Curtis WW	Cybersecurity Incident Induced Billing System Outage: A Case Study in Customer Communication and Operational Resilience Alexa Morris, Erin Blue	