American Water Works Association | Pacific Northwest Section Conference May 7-9, 2025 | Boise, Idaho

2025 Conference P	025 Conference Program Schedule Maximum CEUs Possible - Idaho - 2.0 DW Maximum CEUs Possible - Oregon - 2.0 DW \									
	Hosting Committee									
				Morning Pre	-Conference Seminars					
Room	Full Day Off-Site (Meet in Lobby)	110 A/B	110 C/D							
Hosting Committee	Water Treatment	Water Information Tech	Distribution							
Seminar	West Boise Water Renewal Facility Tour	Utilizing Excel to Improve Utility Operations	Water Storage Basics							
8:30	Tour of West Boise Water Renewal Facility (w/ww)	Section 1 - Excel Basics for	Section 1 - Water Storage Basics Section 2 - Solls & Seismic							
9:00	Tour of West Boise Water Renewal Facility (w/ww)	Performing Operator Math - Jason Van Gilder (w/ww)	Considerations for Water Storage Siting & Design (w)							
9:30 - 9:45		Break								
9:45	Tour of West Boise Water Renewal Facility (w/ww)	Section 2 - Using Excel to Keep Track	Section 3 - Structural Considerations							
10:15	Tour of West Boise Water Renewal Facility (w/ww)	of Stuff (Project Management) - Jason Van Gilder (w/ww)	for Design Section 4 - Piping Connections (w)							
10:45 - 11:00		Break						1	1	
11:00	Tour of West Boise Water Renewal Facility (w/ww)	Section 3- Creating Template Worksheets for Repeatable	Section 5 - Corrosion Control Methods							
11:30	Tour of West Boise Water Renewal Facility (w/ww)	Calculations - Jason Van Gilder (w/ww)	for Water Storage Tanks (w)							
				Afternoon Pr	e-Conference Seminars					
Room	Off-Site (Meet in Lobby)	110 A/B	110 C/D	110 B	110 C	110 D	120 A	120 B	120 C	
Hosting Committee	Water Treatment	Water Information Tech	Distribution							
Seminar	Veolia Treatment Plant Tours	Utilizing Excel to Improve Utility Operations	Water Storage Basics							
1:00	Tour of Veolia's Columbia Water Treatment Plant (w)	Section 4 - Visualizing your Data -	Section 6 - Sanitary Surveys of				1			
1:30	Tour of Veolia's Columbia Water Treatment Plant (w)	Jason Van Gilder (w/ww)	Finished Water Storage and Section 7 - Pressure Water Storage (w)							
2:00 - 2:15		Break								
2:15	Tour of Veolia's Columbia Water Treatment Plant (w)	Section 5 - Checking your Work and Finding Errors - Jason Van Gilder (w/ww)	Section 8 - Tank Materials, Section 9 - Large Reservoirs and Section 10 -							
2:45	Tour of Veolia's Marden Water Treatment Plant (w)	Section 6 - Lookup Functions and Functions Using Criteria - Jason Van Gilder	Functions and Reservoir Water Quality (w) eria - Jason Van							
3:15 - 3:30		Break								
3:30		Section 7 – Cool Tools – Solver and Regression Analysis and Section 8 -	Section 11 - Inspection of Water							
4:00		Conclusion - Jason Van Gilder (w/ww)	Storage Facilities and Section 12 - Post Seismic Event Surveys (w)							

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					day, May 8, 2005					
	110 A	110 B	110 C		g Early Bird Sessions 120 A	120 B	120 C	420	200	
Room Hosting Committee	Water Treatment	Research	Utility Management	110 D Water Quality	120 A	120 B	120 C	130 Engineering	200 Public Information	
7:00	Strategic Consumer Messaging for Microplastics in Drinking Water - Brent Alspach (w)	Building Treatment Resilience to Wildfires through Conventional	Preparing your Utility for Major Infrastructure Improvements - Kenneth Kvasnicka (w/ww)	water Quanty				I love it when a plan comes together! PDB Delivery for Tigard's Reservoir 18 and Pump Station - Matt Hickey (w)	Function of the contract of th	
7:30	What Can UCMR5 Tell Us about the Future of PFAS Compliance? - Kyle Thompson (w)	Filtration Piloting - Mac Gifford (w)	Sanitary Surveys – a Regional Engineer's Perspective - Laura McLaughlin (w)					WWSP Res_1.0: Lessons in Seismic Design and Alternative Project Delivery - Kenton Alldritt (w)		
				Morning	Technical Sessions					
Room	110 A	110 B	110 C	110 D	120 A	120 B	120 C	130	200	
Hosting Committee	Water Treatment	Research	Utility Management	Water Quality	Distribution	Water Information Tech	Water Resources	Engineering	Public Information	
8:30	Zero To Mach 2.5 in 13 Months: Design Build for the Mountin Home Air Force Base Water Treatment Plant - Enoch Nicholson (w) Virtual Vision: Enhancing Water	Biological Treatment for Drinking Water - Kelly Evans (w) Studying Mitigation of DBP Problems	DWSRF Funding and Technical Assistance in Washington State Christopher Pettit (w) Emerging Funding Trends: How to	LCRR Implementation in Idaho and LCRI Updates - Cassandra Lemmons (w)	The Future of Pipe Replacement - Zack Worley (w)	Aggressive Planning for a Resilient Water System: The SCADA Roadmap Kelly Kimball (w/ww) Unlocking OT Data: A Playbook for	Ship in a Bottle: In-Situ Repairs of a Critical Reservoir to Prevent Impending Failure - Nicholas Welling (w/ww) Collaborative - Dan Kegley (w) Building for Tomorrow: Replacement of 100 Year Old Repender, Vall Lee	Critical Reservoir to Prevent Impending Failure - Nicholas Welling (w/ww)	Wastewater Treatment for Watershed Protection - Technical and Regulatory Challenges Post Ma	
9:00	Plant with Digital Simulation and Machine Learning - Qianru Deng (w)	for Amador Water Agency with a Total Capacity of 10.6 MGD - Bryan Phinney (w)	Optimize Funding Sources for Your Water and Wastewater Utility - Kristina Gillespie-Jaques (w/ww)			Managing Operational Technology Securely for Enterprise Optimization Klint Fletcher (w/ww)		- Chris Einmo (w/ww)		
9:30 - 9:45					Break					
9:45	The Facts about GAC/IX Pressure Vessel Design - Ben Goecke (w)	Conquering Stubborn Disinfection By Product Precursors Greg Dye (w)		Compliance - Mehrin Selimgir (w) Finding By Distributi Procedure	Finding and Fixing: Piloting Distribution and Site Assessment Procedures for LCRI Compliance -	Proactive Pipeline Management: Gresham's Innovative Approach to Watermain Assessment Using Non- linear Vibroacoustic Wendy Andaya (w)	Bridging the Gap Between Data to Decisions – Streamlined Processing, Review, and Presentation - Ryan Jones (w)	Groundwater Management in California: State of Sustainable Groundwater Management Act (SGMA) Implementation - Gus Tolley (w)	Rehabilitating a Century Old Transmission Main – balancing competing priorities in a 30-year Capital Improvements Plan - David McBride (w)	Developing a PFAS Response Roadmap to Maintain Public Trust: Salem's Case Study - Tyler Kane (w/ww)
10:15	Developing an Implementation Plan for PFAS Treatment in Tacoma Water's back-up supply - Joanie Stultz (w)		Sustaining our Resilient Water Workforce - Kimberly Kelsey (w/ww)	Joel Cary and Mia Vijanderan (w)	Eyes and Ears on Your Water System Ray Velasquez (w)	Life Happens when You're Busy Planning – Leveraging Decision- Making Tools to Implement Dynamic Planning - Matt Huang (w/ww)	Successful Management of the Bull Mountain-Cooper Mountain Critical Groundwater Area through Implementation of ASR - Jason Melady (w)	Dog River Pipeline Replacement: Replacing 100 year wooden pipeline to secure a resilient water future. Part 2 - post construction report Brady Fuller (w/ww)	Maximizing Outreach Success through WAVE: Willingness, Accountability, Visibility, and Empathy - Marlys Ryan (w/ww)	
10:45 - 11:00					Break		Weldaviwi	Brack Faller (W/ WW)		
11:00	Navigating Water Treatment Challenges in the Desert: Building a Sustainable Treatment Plant for the Community of LeChee - Jake Himebaugh and Joanie Stulz (w)	Low Wavelength UV Water Treatment of Cyanotoxins - Natalie Hull (w)	Unconventional Pathways - How Skills from Other Fields Enhance Water Industry Careers - Julia Cummings (w/ww)		Proactive Leak Detection and Condition Assessment for Critical Pipeline Assets - Doug McClintic (w/ww)	Revolutionizing Water Infrastructure by Al-Powered Risk Mitigation Planning - Bridget Garlinghouse (w/ww)	We Have Changed the Trajectory of the ESPA - David Hoekema (w)	What lives below a historic 100-year old reservoir? - Matt Perkins (w)	Volunteers, Citizen Scientists, and Natural Resource Professionals the Role of Non-Profits in the Protection of Idaho Rivers - Robert Tiedemann (w/ww)	
11:30	Beaches and Backwash Management: Implementing Groundwater Treatment on Orcas Island - Sanyukta Gokhale (w)	Scenarios for PFAS Destruction at Municipal Scale Water Treatment Facilities - Brent Alspach (w)	Advantages of Collaboration Among Water Purveyors - Lessons From the Formation of the Treasure Valley Domestic Water Purveyors Group Jason Van Gilder (w/ww)	PFAS - the Drinking Water Rule - Cassandra Lemmons (w)	Listen Up: Reverse Water Loss and Improve Operational Efficiency with Embedded Acoustic Leak Detection - Jake W. (w)	Empowering Staff and Enhancing Retention through Data - Dilip Kumar (w/ww)	Leveraging Groundwater to Support a Long-Term Basin-Scale Water Management and Habitat Improvement Plan - Tom Ring (w)	Replacing an Icon: Planning, design, and construction of a new elevated water tower in the City of Idaho Falls - Dennis Galinato (w)	Elevating the Customer Experience How Tacoma Water Implemented Electronic Notifications for Events Impacting Water Supply - Tyler Cummings (w)	
12:00 - 1:30					Vendor Lunch					
					n Technical Sessions					
Room	110 A	110 B	110 C	110 D	120 A	120 B	120 C	130	200	
Hosting Committee	Water Treatment Out with the Old and in with the New! Replacement of Diatomaceous Earth Filtration - Amy Gao (w)	Research From Crisis to Long-term Resilience:	Utility Management Applying the New Effective Utility Management Framework to Your Utility - Michael Grimm (w)	Water Quality Dialing in on Disinfection — Evaluation of Alternatives for PUD No. 1 of Skagit County, Part I - Virpi Salo-Zieman, Mellinda Friedman, Gary Tollefson (w)	Distribution Transmission Main 101 – Considerations with Examples from the Cascade Groundwater Alliance Pipeline Project - Scott Duren (w)	Water Information Tech Is It a Model or Is It a Digital Twin? Results of the 2024 AWWA Survey on Water Distribution Technology - Matt Huang (w)	North Santiam Watershed Drought Contingency Planning - Leah Cogan(w)	Engineering Between Design and Construction, there is Permitting! - Benedicte Diakubama (w)	Conservation Utilizing AWWA Management Standards for Water Conservation and Efficiency - Mike Buettner (w)	
		Reflections on the Events Following								
2:00 2:30 - 2:45	Utilizing Plate Settler Technology to increase Production Capacity and Water Quality at the Jordan Valley Water Treatment Plant - Jake Himebaugh (w)	2018 Algal Toxin Event in Salem, OR - Jude Grounds (w)	Back to the Future: Ideas for Planning for the Future of Water and Climate Change - John Phillips (w)	Dialing in on Disinfection – Evaluation of Alternatives for PUD No. 1 of Skagit County, Part II - Julia Cummings (w)	Pipe Bursting Water Mains - process, design, construction, and model for success - George Mallakis (w)	Being Prepared! Adaptive Planning for an Uncertain World - Sarah Dominick (w/ww)	Wildfires and Extreme Weather Events: Preparing for the Future - William Becker (w)	Instrumentation & Controls (I&C) 101 - Stephanie McGregor (w/ww)	Hillsboro's Approach to Water Conservation: Education, Efficiency and Stewardship - Amy Meaut (w)	

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	Thursday, May 8, 2005 Continued										
	Afternoon Technical Sessions										
Room	110 A	110 B	110 C	110 D	120 A	120 B	120 C	130	200		
Hosting Committee	Water Treatment	Research	Utility Management	Water Quality	Distribution	Water Information Tech	Water Resources	Engineering	Conservation		
2:45	"Shut it Down!"- Activating an Emergency Intertie for Six Weeks of Planned Treatment Plant Improvements- Adam Bjornstedt (w)	Innovative Natural Treatment Solutions to Protect Streams from	Note Taker to Decision Maker? Navigating the Transition Beyond Just a YP - Connor Mancosky (w/ww)	Snake River WTP: ldaho's newest surface water treatment plant - Pierre Kwan (w)	Shutoff Valves: A Look into the Differences between Resilient	Using Water Quality Modeling to Improve Wildfire Resiliency - Libby McKenna (w) Cybersecurity in the Water & Wastewater Sector - Dan Briley (w/ww) Surpassing Standards: Elevating Source Water Protection - Elizabeth Construction	Under Pressure: Delivering a new 4 MGD WTP, a 2 MG Reservoir, and PS Upgrades on a Small Footprint and Critical Schedule for the Cascade Groundwater Alliance - Pat Van Duser (w)				
3:15	Ketchikan's Steps Towards a Rarely Used Regulatory Framework - Enoch Nicholson (w)	Contaminants of Emerging Concern Tom Points (w/ww)	Entering the Twilight Zone, a place between reality and fantasy, a place where O&M and Engineering staff work well together Laura Farthing (w/ww)	Developing a Nimble Treatability Investigation Program from the Ground Up - Erin Mackey (w/ww)	Wedge Gate Valves and Butterfly Valves - Matt McQuillian(w)		Source Water Protection - Elizabeth	New 30 MGD Groundwater Treatment Planning, Design, and Construction - Cascade Groundwater Alliance - Jeffrey Fuchs (w)	(w)		
3:45 - 4:00					Break						
4:00	Arlington's Water Legacy: A Two- Phase WTP Expansion for Present and Future Generations - Kevin	Thermal Loading Regulation and Mitigation for Water Utilities - Rob	Hazard Mitigation Planning for Water/Wastewater Districts - Robert Flaner (w/ww)	Evaluation of PFAS Fate and Transport During Aquifer Storage and Recovery in Basalt - Brad Bessinger (w)	Fire Hydrants Past, Present and Future - Vaughn Barber (w)		Prepare, Prevent, and Post-solve: Navigating the 2024 Alberta drought emergency with modeling exercises - Michael Sheer (w)	Innovative Solutions for Modernizing the City Creek Water Treatment Plant: Overcoming Project Restraints and Challenges - Jake Himebaugh (w)	One Water Program Management – A Knowledge Base and Guidance Manual (WRF 5196) - Karen Pappas (w/ww)		
4:30	Garcia (w)	Annear (w/ww)	Are we getting the most out of our energy efficiency programs? - Robert Barrett, Timothy Parker (w/ww)	Rise above! Ozone Design for a changing surface water at the Green River Filter Facility - Tessora Young (w)		Optimization of a Water Network - Veolia Water Idaho's path to Efficiency & Savings - Michael Espejo (w)	Utilization of Advanced Organics Characterization Methods to Understand Treatability to Wildfire Events - Lynn Stephens (w)	Even Greenfields get the Blues: Site Layout Challenges for the Bull Run Filtration Facility - Jude Grounds, Mark Graham, Lyda Hakes (w/ww)	Converting a Splash Pad to a Recycle System - Middleton Idaho's Water Saving Adventure - Jason Van Gilder (w/ww)		

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Friday, May 9, 2005										
Morning Early Bird Sessions										
Room	110 A	110 B	110 C	110 D	120 A	120 B	120 C	130	200	
Hosting Committee	Water Treatment			Research	Engineering					
7:00	Don't be Baffled by CT: Optimizing Disinfection through Design and Tracer Studies - Todd Reynolds (w)			Adapting to Change: PFAS Treatment Residuals Management - Liz Garvey (w)	Modeling and Analysis Approaches for Pipelines Subject to Large Deformations - Alyssa Herperger (w/ww)					
7:30	Safe Operation with Ozone Systems - Tessora Young (w)			Lessons Learned in Full-Scale PFAS Residuals Disposal - Pierre Kwan (w)	Planning for Resiliency and Expansion of a 75 Year Old Water Supply System - Lee Odell (w)					
					Technical Sessions					
Room	110 A	110 B	110 C	110 D	120 A	120 B	120 C	130	200	
Hosting Committee	Water Treatment	Water Resources	D&I	Water Quality	Engineering	Distribution				
8:30	Laying the foundation: Treatment Selection and Design of the City of Vancouver's First PFAS Treatment System - Lynn Stephens (w)	Upper Deschutes Basin Groundwater Mitigation Program: Lessons and Future Opportunities - Owen McMurtrey(w)	Engaging Diverse Voices: Shaping Rate Structures with Community Advisory Panels - Tracy Steele (w)	A Streamlined Approach for Adsorptive Media Bench Testing - Erin Mackey (w)	Project Communication and Management in Water Infrastructure Projects - Bill Reynolds(w/ww)	Hydraulic Control Valve Basics: Function and Application - Ray Velasquez (w)				
9:00	An Improved Approach in Using Pilot/Lab Data to Predict PFAS Removal - Adam Redding (w)	Balancing a High Profile Multifaceted Fixed Price Design-Build Project - Nick Smith (w)	Understanding Strategies for Securing Federal and State Funding Opportunities for Water Projects - Seema Chavan (w/ww)	Utility Success in Overcoming Legionella with Treatment and Operations Improvements - Alex Mofidi (w)	Navigating Project Communications for Emerging Young Professionals - Mitchell Boyd (w/ww)					
9:30 - 9:45					Break					
9:45	Under Pressure – Design Considerations for PFAS Pressure Vessel and Media - Andrew Nishihara (w/ww)	Municipal Water Rights and	King County's Operator-In-Training Program, Creating a Sustainable Workforce - Robert Tovar (w/ww)	Can NOM Removal Accelerate Passivation of Copper Piping? - Damon Roth (w)	Crafting a Project Management Plan to effectively coordinate project team - Daniel Shafar (w/ww)	Decoding Combination Control	Board of Trustees			
10:15	Take it to the Limit! Startup and Commissioning of 12 gpm/sf Deep Bed Filters at the Medford Water Robert A. Duff WTP - Joshua Kennedy (w)	Development, Lower Clackamas River Litigation Case - Rob Annear (w)	Shared Leadership, Resilient Communities: Lessons from Leadership Tomorrow's Flagship Program to Empower Water Professionals - Mari Orama (w/ww)	Presence and treatment of potential opportunistic pathogens that can vary across groundwater geology - Natalie Hull (w)	Building Teams over Teams and Overcoming Other Collaboration Challenges - Mark Graham (w/ww)	Valves - Ray Velasquez (w)				
10:45 - 11:00					Break					
11:00	Complexities of PFAS Treatment in Surface Water - A Pilot-Scale Assessment - Charlie Liu (w)	Water Supply Mitigation Strategies in	What I Wish I Knew Earlier: Leveraging Career Reflections to Be a Better Mentor - Henry Ricca (w/ww)	Microbial & Disinfection Byproduct Rules: EPA's Journey to revise:	How the Calleguas Municipal Water District used Value Engineering to Mitigate Risk - Rachel Bernhard (w/ww)	Understanding Air Valve and Check Valve Applications - Ray Velasquez (w/ww)	Board of Trustees			
11:30	The next chapter of PFAS: PFAS treatment design and PFAS impacted residuals disposal - Conner Murray (w)	WA, ID, and OR - Tyson Carlson (w)	TVWD's DEI Journey, Updates and Lessons Learned - Kylie Bayer (w/ww)	Process, Dreams & Potential Futures - Chris McMeen (w)	Project Management and Leadership Development Tools for Engineers - Greg Loscher (w)		board of frustees			
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	Friday, May 9, 2005 Continued										
	Afternoon Technical Sessions										
Room	110 A	110 B	110 C	110 D	120 A	120 B	120 C	130	200		
Hosting Committee	Water Treatment				Engineering	Distribution					
1:30	More With Less: Veolia's Columbia Water Treatment Plant Expanded Without Expanding - Roger Greaves (w/ww)				Utilizing GIS to make efficient daily operation decisions - Carlito Tolentino (w)	Pipeline Contingency Planning and					
2:00	Columbia River WTP Capacity and Maintenance Upgrades - Nathan Kutil (w)				Integrated Operations: Incorporating hydraulic modeling into daily and seasonal operations and maintenance - LaDonne Harris (w)	Selection of Mechanical Repair Fittings - Mike Scholz (w/ww)		Top Ops Competition			
2:30 - 2:45				•	Break						
2:45	Excess Recirculation – A Membrane System's Best Friend - Sean Thomson (w)				Rebuilding Tacoma Water's Hydraulic Model to Embrace SmartWater - Doug Lane (w)	New 2 MG Tank installation replacing 15,000 gallons of storage - and how this has change the operation of the system todate - Jessica Waller (w)		Gimmicks and Gadgets			
3:15	Desalination North of the Arctic Circle: Reverse Osmosis System in Remote Alaska - Sanyukta Gokhale (w)				A Hole in One: A Well Transitions from Golf Course Irrigation to Municipal Production - Zachary Miles (w)	Bainbridge Island 2.0 MG Elevated Storage Tank and PRVs – Reconfiguring the City's Largest Pressure Zone - Justin Ford (w)		diffillities and daugets			
3:45 - 4:00					Break						
4:00	Procurement Strategies for Membrane Filtration Systems - Timothy English (w/ww)				Parallels Across Hemispheres: How Lessons Learned in Rural Guatemala Apply to Challenges in the US - Alyssa Bailey and Hadley Habeck (w)	for Potential Petroleum Pipeline					
4:30	Remote Location Pilot Testing of Small-Scale Cartridge-Filtration - Eric Molten (w)				Water from Nothing? Facility Potable Water Treatment and Management Design without a Predictable Supply - Heather Burns (w)	Breaks to Protect Public Health in Spokane -Elisheva Walters (w)					