

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

2025 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	Section 1 - Excel Basics for Performing Operator Math - Jason Van Gilder	Section 1 - Water Storage Basics Section 2 - Soils & Seismic Considerations for Water Storage Siting & Design						
9:00	Tour of West Boise Water Renewal Facility								
9:30 - 9:45									
9:45	Tour of West Boise Water Renewal Facility	Section 2 - Using Excel to Keep Track of Stuff (Project Management) - Jason Van Gilder	Section 3 - Structural Considerations for Design Section 4 - Piping Connections						
10:15	Tour of West Boise Water Renewal Facility								
10:45 - 11:00									
11:00	Tour of West Boise Water Renewal Facility	Section 3- Creating Template Worksheets for Repeatable Calculations - Jason Van Gilder	Section 5 - Corrosion Control Methods for Water Storage Tanks						
11:30	Tour of West Boise Water Renewal Facility								
Afternoon Pre-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	Section 4 - Visualizing your Data - Jason Van Gilder	Section 6 - Sanitary Surveys of Finished Water Storage and Section 7 - Pressure Water Storage						
1:30	Tour of Veolia's Columbia Water Treatment Plant								
2:00 - 2:15									
2:15	Tour of Veolia's Columbia Water Treatment Plant	Section 5 - Checking your Work and Finding Errors - Jason Van Gilder	Section 8 - Tank Materials, Section 9 - Large Reservoirs and Section 10 - Reservoir Water Quality						
2:45	Tour of Veolia's Marden Water Treatment Plant			Section 6 - Lookup Functions and Functions Using Criteria - Jason Van Gilder					
3:15 - 3:30									
3:30		Section 7 – Cool Tools – Solver and Regression Analysis and Section 8 - Conclusion - Jason Van Gilder	Section 11 - Inspection of Water Storage Facilities and Section 12 - Post Seismic Event Surveys						
4:00									

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	120 C	130	200
		Engineering	Public Information
	Idaho Washington Aquifer Collaborative - Dan Kegley	I love it when a plan comes together! PDB Delivery for Tigar'd Reservoir 18 and Pump Station - Matt Hickey	
		WWSP Res_1.0: Lessons in Seismic Design and Alternative Project Delivery - Kenton Aldritt	
	120 C	130	200
	Water Resources	Engineering	Public Information
t p	Idaho Washington Aquifer Collaborative - Dan Kegley	Ship in a Bottle: In-Situ Repairs of a Critical Reservoir to Prevent Impending Failure - Nicholas Welling	Wastewater Treatment for Watershed Protection - Technical and Regulatory Challenges Post Maui - Chris Einmo
r y n		Building for Tomorrow: Replacement of 100-Year-Old Reservoir - Kali Lee	
o g, e	Groundwater Management in California: State of Sustainable Groundwater Management Act (SGMA) Implementation - Gus Tolley	Rehabilitating a Century Old Transmission Main – balancing competing priorities in a 30-year Capital Improvements Plan - David McBride	Developing a PFAS Response Roadmap to Maintain Public Trust: Salem's Case Study - Tyler Kane
ic	Successful Management of the Bull Mountain-Cooper Mountain Critical Groundwater Area through Implementation of ASR - Jason Melady	Dog River Pipeline Replacement: Replacing 100 year wooden pipeline to secure a resilient water future. Part 2 - post construction report. - Brady Fuller	Maximizing Outreach Success through WAVE: Willingness, Accountability, Visibility, and Empathy - Marlys Ryan
re	We Have Changed the Trajectory of the ESPA - David Hoekema	What lives below a historic 100-year old reservoir? - Matt Perkins	Volunteers, Citizen Scientists, and Natural Resource Professionals . . . the Role of Non-Profits in the Protection of Idaho Rivers - Robert Tiedemann
ar	Leveraging Groundwater to Support a Long-Term Basin-Scale Water Management and Habitat Improvement Plan - Tom Ring	Replacing an Icon: Planning, design, and construction of a new elevated water tower in the City of Idaho Falls - Dennis Galinato	Elevating the Customer Experience - How Tacoma Water Implemented Electronic Notifications for Events Impacting Water Supply - Tyler Cummings
	120 C	130	200
	Water Resources	Engineering	Conservation
2 y -	North Santiam Watershed Drought Contingency Planning - Leah Cogan	Between Design and Construction, there is Permitting! - Benedicte Diakubama	Utilizing AWWA Management Standards for Water Conservation and Efficiency - Mike Buettner
g	Wildfires and Extreme Weather Events: Preparing for the Future - William Becker	Instrumentation & Controls (I&C) 101 - Stephanie McGregor	Hillsboro's Approach to Water Conservation: Education, Efficiency, and Stewardship - Amy Meaut

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Thursday, May 8, 2025 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	Innovative Natural Treatment Solutions to Protect Streams from Contaminants of Emerging Concern - Tom Points	Note Taker to Decision Maker? Navigating the Transition Beyond Just a YP - Connor Mancosky	Snake River WTP: Idaho's newest surface water treatment plant - Pierre Kwan	Shutoff Valves: A Look into the Differences between Resilient Wedge Gate Valves and Butterfly Valves - Matt McQuillan	Cybersecurity in the Water & Wastewater Sector - Dan Briley	Using Water Quality Modeling to Improve Wildfire Resiliency - Libby McKenna	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	Reducing Water Loss - Stories from the Pacific Northwest - Mike Uthe
3:15	Ketchikan's Steps Towards a Rarely Used Regulatory Framework - Enoch Nicholson		Entering the Twilight Zone, a place between reality and fantasy, a place where O&M and Engineering staff work well together. - Laura Farthing	Developing a Nimble Treatability Investigation Program from the Ground Up - Erin Mackey			Surpassing Standards: Elevating Source Water Protection - Elizabeth Crafton	New 30 MGD Groundwater Treatment Planning, Design, and Construction - Cascade Groundwater Alliance - Jeffrey Fuchs	
3:45 - 4:00									
Break									
4:00	Arlington's Water Legacy: A Two-Phase WTP Expansion for Present and Future Generations - Kevin Garcia	Thermal Loading Regulation and Mitigation for Water Utilities - Rob Annear	Hazard Mitigation Planning for Water/Wastewater Districts - Robert Flaner	Evaluation of PFAS Fate and Transport During Aquifer Storage and Recovery in Basalt - Brad Bessinger	Fire Hydrants Past, Present and Future - Vaughn Barber	Drone LIDAR and Imaging System for Utilities - Michael Ostergaard	Prepare, Prevent, and Post-solve: Navigating the 2024 Alberta drought emergency with modeling exercises - Michael Sheer	Innovative Solutions for Modernizing the City Creek Water Treatment Plant: Overcoming Project Restraints and Challenges - Jake Himebaugh	One Water Program Management – A Knowledge Base and Guidance Manual (WRF 5196) - Karen Pappas
4:30			Are we getting the most out of our energy efficiency programs? - Robert Barrett, Timothy Parker	Rise above! Ozone Design for a changing surface water at the Green River Filter Facility - Tessora Young		Optimization of a Water Network - Veolia Water Idaho's path to Efficiency & Savings - Michael Espejo	Utilization of Advanced Organics Characterization Methods to Understand Treatability to Wildfire Events - Lynn Stephens	Even Greenfields get the Blues: Site Layout Challenges for the Bull Run Filtration Facility - Jude Grounds, Mark Graham, Lyda Hakes	Converting a Splash Pad to a Recycle System - Middleton Idaho's Water Saving Adventure - Jason Van Gilder

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Board of Trustees		
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Friday, May 9, 2025 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				Utilizing GIS to make efficient daily operation decisions - Carlito Tolentino	Pipeline Contingency Planning and Selection of Mechanical Repair Fittings - Mike Scholz		Top Ops Competition	
2:00	Columbia River WTP Capacity and Maintenance Upgrades - Nathan Kutil				Integrated Operations: Incorporating hydraulic modeling into daily and seasonal operations and maintenance - LaDonne Harris				
2:30 - 2:45									
2:45	Excess Recirculation – A Membrane System's Best Friend - Sean Thomson				Rebulding Tacoma Water's Hydraulic Model to Embrace SmartWater - Doug Lane	New 2 MG Tank installation replacing 15,000 gallons of storage - and how this has change the operation of the system todate - Jessica Waller		Gimmicks and Gadgets	
3:15	Desalination North of the Arctic Circle: Reverse Osmosis System in Remote Alaska - Sanyukta Gokhale				A Hole in One: A Well Transitions from Golf Course Irrigation to Municipal Production - Zachary Miles	Bainbridge Island 2.0 MG Elevated Storage Tank and PRVs – Reconfiguring the City's Largest Pressure Zone - Justin Ford			
3:45 - 4:00									
4:00	Procurement Strategies for Membrane Filtration Systems - Timothy English				Parallels Across Hemispheres: How Lessons Learned in Rural Guatemala Apply to Challenges in the US - Alyssa Bailey and Hadley Habeck	Mitigating Risk: Emergency Planning for Potential Petroleum Pipeline Breaks to Protect Public Health in Spokane - Elisheva Walters			
4:30	Remote Location Pilot Testing of Small-Scale Cartridge-Filtration - Eric Molten				Water from Nothing? Facility Potable Water Treatment and Management Design without a Predictable Supply - Heather Burns				