

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 (w/ww)	Section 1 - Excel Basics for Performing Operator Math - Jason Van Gilder (w/ww)	Section 1 - Water Storage Basics Section 2 - Soils & Seismic Considerations for Water Storage Siting & Design (w)						
9:00	Tour of West Boise Water Renewal Facility (w/ww)								
9:30 - 9:45									
9:45	Tour of West Boise Water Renewal Facility (w/ww)	Section 2 - Using Excel to Keep Track of Stuff (Project Management) - Jason Van Gilder (w/ww)	Section 3 - Structural Considerations for Design Section 4 - Piping Connections (w)						
10:15	Tour of West Boise Water Renewal Facility (w/ww)								
10:45 - 11:00									
11:00	Tour of West Boise Water Renewal Facility (w/ww)	Section 3- Creating Template Worksheets for Repeatable Calculations - Jason Van Gilder (w/ww)	Section 5 - Corrosion Control Methods for Water Storage Tanks (w)						
11:30	Tour of West Boise Water Renewal Facility (w/ww)								
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 (w)	Section 4 - Visualizing your Data - Jason Van Gilder (w/ww)	Section 6 - Sanitary Surveys of Finished Water Storage and Section 7 - Pressure Water Storage (w)						
1:30	Tour of Veolia's Columbia Water Treatment Plant (w)								
2:00 - 2:15									
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 - Reservoir Water Quality (w)						
2:45	Tour of Veolia's Marden Water Treatment Plant (w)			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 (w/ww)	Section 11 - Inspection of Water Storage Facilities and Section 12 - Post Seismic Event Surveys (w)						
4:00									

	120 C	130	200
	Water Resources	Engineering	Public Information
	Idaho Washington Aquifer Collaborative - Dan Kegley (w)	I love it when a plan comes together! PDB Delivery for Tigrad's Reservoir 18 and Pump Station - Matt Hickey (w)	
		WWSP Res_1.0: Lessons in Seismic Design and Alternative Project Delivery - Kenton Alldritt (w)	
	120 C	130	200
	Water Resources	Engineering	Public Information
	Idaho Washington Aquifer Collaborative - Dan Kegley (w)	Ship in a Bottle: In-Situ Repairs of a Critical Reservoir to Prevent Impending Failure - Nicholas Welling (w/ww)	Wastewater Treatment for Watershed Protection - Technical and Regulatory Challenges Post Maui - Chris Einmo (w/ww)
		Building for Tomorrow: Replacement of 100-Year-Old Reservoir - Kali Lee (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)
	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)
	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)
	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 Galinota (w)	Elevating the Customer Experience - How Tacoma Water Implemented Electronic Notifications for Events Impacting Water Supply - Tyler Cummings (w)
	120 C	130	200
	Water Resources	Engineering	Conservation
	North Santiam Watershed Drought Contingency Planning - Leah Cogan(w)	Between Design and Construction, there is Permitting! - Benedicte Diakubama (w)	Utilizing AWWA Management Standards for Water Conservation and Efficiency - Mike Buettner (w)
	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 Contaminants of Emerging Concern - Tom Points (w/ww)	Note Taker to Decision Maker? Navigating the Transition Beyond Just a YP - Connor Mancosky (w/ww)	Snake River WTP: Idaho's newest surface water treatment plant - Pierre Kwan (w)	Shutoff Valves: A Look into the Differences between Resilient Wedge Gate Valves and Butterfly Valves - Matt McQuillan(w)	Cybersecurity in the Water & Wastewater Sector - Dan Briley (w/ww)	Using Water Quality Modeling to Improve Wildfire Resiliency - Libby McKenna (w)	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)	Reducing Water Loss - Stories from the Pacific Northwest - Mike Utthe (w)
3:15	Ketchikan's Steps Towards a Rarely Used Regulatory Framework - Enoch Nicholson (w)		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)			Surpassing Standards: Elevating Source Water Protection - Elizabeth Crafton (w)	New 30 MGD Groundwater Treatment Planning, Design, and Construction - Cascade Groundwater Alliance - Jeffrey Fuchs (w)	
3:45 - 4:00									
Break									
4:00	Arlington's Water Legacy: A Two-Phase WTP Expansion for Present and Future Generations - Kevin Garcia (w)	Thermal Loading Regulation and Mitigation for Water Utilities - Rob Annear (w/ww)	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)	Drone LIDAR and Imaging System for Utilities - Michael Ostergaard (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			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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	Board of Trustees		
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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 Selection of Mechanical Repair Fittings - Mike Scholz (w/ww)		Top Ops Competition	
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)				
2:30 - 2:45									
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)			
3:45 - 4:00									
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)	Mitigating Risk: Emergency Planning for Potential Petroleum Pipeline Breaks to Protect Public Health in Spokane -Elisheva Walters (w)			
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)				