

DRAFT SCHEDULE -
Subject to change

**2025 Western Washington Short School &
Trade Show**



PNWS-AWWA
Northwest Washington

Detailed Schedule - Tuesday June 3rd 2025

6:45 - 7:30	Morning Coffee & Registration				
	Tracks Available Virtually & In-Person		In-Person Only Tracks		
	Wastewater - RM	Water/ Disinfection - RM	Distribution / Collection and Conveyance - RM	Instrumentation & SCADA / Standby Power- RM	Construction Management, Startup - RM
7:30 - 8:30	⌚ Intensification Processes 101 - Eric Polli, Hazen & Sawyer	💧 On-site Hypochlorite Generation Basics and Lessons learned from a retrofit project with RO Pre-treatment - Joanie Stultz, Brown & Caldwell	💧⌚ Let's Talk Hydrants 2025 - Pete MillerAWWD	💧⌚ Instrumentation, PLC, HMI, what? How does it all fit together to become a SCADA System? - Kevin Sykes, AWWD	💧⌚ Water and Wastewater Construction Inspection Basics - David Lewis, AWWD
8:40 - 9:40	⌚ Pretreatment 101 - Washington State - Maia Hoffman, WSDOE	💧⌚ Drinking Water PFAS Residuals Management - Pierre Kwan, HDR	💧⌚ Asbestos Pipe Asset or Liability - Doug Schlepp, RH2 Engineering	💧⌚ Lessons Learned from the trenches of managing & maintaining SCADA Systems - Kevin Sykes, AWWD	⌚ Start-up, Testing, Training, Commissioning; a King County Wastewater Construction Management Perspective - Will Sroufe, KCWTD
9:40 - 9:50	Break w/ Refreshments				
9:50 - 10:50	⌚ Screen Time: Headworks Screening 101 - Tom Giese, BHC Consultants	💧⌚ You've Got PFAS – Now What? Navigating PFAS Treatment Implementation from Sampling to Startup - Charlie Lui, Kennedy Jenkins	⌚ Developing A Leak Detection Program - Sam Maahs, AWWD	⌚ Pump Station Hydraulics Basics - Andrew Perez, Jacobs	⌚ Construction is nearing completion – what about O&M training implementation? - Joelle Torre, Seattle Public Utilities
11:00 - Noon	⌚ Bringing Business Intelligence to Seattle's Drainage and Wastewater Production Management - Nathaniel Hunter & Tiva Brown, Seattle Public Utilities	💧⌚ On-Site Sodium Hypochlorite Generation: A Safe and Cost-Effective Solution for Disinfection - Haley Goddard, Cleanwater1	⌚ Collection System Rehab - Andrew Perez, Jacobs	⌚ Alternatives for Standby Power - Jeff Lundt, Retired	⌚ Unique Experiences from Startup of a 220mgd Influent Pump Station in New York City. - Chris Malinowski, HDR
Noon - 12:40	Lunch				
	Odor Control - RM	Water Quality - RM	Backflow Prevention / WWTP Tour - RM & EV WWTP	Chemical Feed / Water Chemistry / Equipment Upgrades - RM	Asset Management / Corrosion Protection / Maintenance- RM
12:40 - 1:40	⌚ Dry Media Wastewater Odor Scrubber Fundamentals - Diederik Apgar, Apgar Engineering / The Hidden World of Odor Control - Jeff Zahller, HDR Engineering	💧⌚ Optimizing Water Quality in Drinking Water Distribution Systems: The Role of Active Mixing - Haley Goddard, Cleanwater1	⌚ Backflow Prevention Retrofits: Adapting to Changing Regulations - Robert Standley, KCWTD	💧⌚ Replacing Chemical Feed Pumps at CSO Facility - Doug Jones, KCWTD	⌚ Using Asset Management to Create Operational Efficiencies - Chris Guest, Covington Water District
1:50 - 2:50	⌚ Liquid Phase Odor Control 101 - Richard Finger, Retired / Documentation of Odor Complaints and Odor Monitoring - Dick Finger, Retired	💧⌚ Water in History - Caitlin Dwyer, City of Arlington / Hydropneumatic Tanks - Jeff Lundt, Retired	⌚ Everett WWTP Tour - Jeff Marrs, City of Everett	⌚ Unveiling the Science of Polymer Activation: Exploring the Benefits through Applications - Haley Goddard, Cleanwater1	⌚ Cathodic Protection 102 - Miles Hickey, Norton Corrosion Limited, LLC
2:50 - 3:00	Break w/ Refreshments			Break w/ Refreshments	
3:00 - 4:00	⌚ Wastewater Odor Production, Regulations & Odor Control Technologies - Diederik Apgar, Apgar Engineering	💧⌚ The Role of Smart Tanks in Distribution Water Quality Management - Haley Goddard, Cleanwater1		⌚ Optimizing Antiquated Oxygen Generation Technology at West Point Treatment Plant - Wade Phillips, KCWTD	⌚ eOM Manuals - What's new and improved - Ed Griffenberg, HDR Engineers

CEU Status - Wastewater CEUs Pending (⌚). Water CEUs Pending (💧)

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**2025 Western Washington Short School &
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Detailed Schedule - Wednesday June 4th 2025

6:45 - 7:30	Morning Coffee & Registration				
	Tracks Available Virtually & In-Person		In-Person Only Tracks		
	Wastewater - RM	Water - RM	Collection and Conveyance- RM	Metering / Wastewater Chemistry / Wastewater PFAS - RM	Safety / Certification- RM
7:30 - 8:30	⌚ Advancements in Primary Treatment – Moving Beyond Clarification - Robert Wiley, Nuove Energie USA	💧⌚ PFAS is here...now how do I deal with it without breaking the bank? - Steve Green, The Stanley Group	⌚ Clogs Be Gone - Andrew Kempel, Whitney Equipment Company	💧⌚ Wastewater Chemistry 101 - John Van Wingerden, Inland Environmental Resources	💧⌚ Confined Space Entry Awareness - Brent Kleven, Teledyne
8:40 - 9:40	⌚ Operation and Maintenance Considerations for Fine Bubble and Coarse Bubble Diffused Aeration, Jeremy Jensen, Xylem	💧⌚ Holistic Approach to Water Loss - Mike Uthe, Mueller Water Products	⌚ Utilizing Remote Monitoring Technology to More Effectively Run your Wastewater Collection System - Brogan Quist, Smart Cover Systems	💧⌚ Why do you utilities implement automated reading systems? - Matt Zellers, Mueller Systems	💧⌚ Hazardous Energy Control Procedures: Lockout and Tagout - Jim Faccione, KCWTD
9:40 - 10:10	Vendor Show & Refreshments				
10:10 - 11:10	⌚ Optimize WWTP Mixing for Efficiency & Process Resiliency - Alden Meade, Xylem	💧⌚ Robert A. Duff Water Treatment Plant: A 20-Year-Old Sidestream Injection System Ready for the Next Decades - Jim White, Mazzei Injector Corporation	⌚ Wastewater Intensification in the Collection System with Superoxidation - Alison Trollier or Brian Rhodes, Eco Oxygen Technologies, LLC	⌚ Proactive PFAS Management for Wastewater Utilities - Dave Clark, HDR Engineers	💧⌚ Wastewater Operator Certification Update - Poppy Carre, WS DOE
11:10 - 12:10	Vendor Show & Lunch				
	Pumps - RM	Tanks / Water Treatment - RM	Screening, Underground Infrastructure, Pump Station Design - RM	Valves / Security - RM	Solids / Pumps / Water Distribution - RM
12:10 - 1:10	💧⌚ Electric Diaphragm Pump Technology - Daniel Scott, Graco, Inc.	💧⌚ Washing Reservoir Exteriors to Remove Biological Growth & Dirt - James Pace, Sparkle Wash	💧⌚ Screening General Survey - Tim Matheis, Hydro-Dyne Engineering	💧⌚ Eyes and Ears on your Water System - Patrick Miller, Cimco-GC Systems	⌚ Emerging Solids Technology Update - Chris McCalib, TEC
1:10 - 1:50	Vendor Show & Refreshments				
1:50 - 2:50	⌚ Wastewater Treatment Blower Technologies - Ryan Brusca, Reiner Pump Systems	💧⌚ GAC 101 - The basics of Activated Carbon, and How to Apply it - Ben Goecke, Calgon Carbon Corporation	⌚ New Developments in Vault and Manhole Access Adjustment - TBD, LadTech	⌚ The Critical Role of Valves in Pump Station Design - Patrick Miller, Cimco-CG Systems	💧⌚ Water Sampling & Flushing, Best Practices - Chris James, Kupferle
3:00 - 4:00	⌚ Lagoon Rehabilitation Including Cold Weather Nitrification by MBBR - Tom Daugherty, Triple Point Environmental	💧⌚ Clean Water Act Requirements - Dave Clark, HDR Engineers	💧⌚ Pump Station Design & Pump Curves - Eric Schey, KCWTD	💧⌚ Physical Security for Water & Wastewater Facilities - Jeff Lundt, Retired	⌚ Solutions for Pump Plugging - Rich Owens, Owens Pump & Equipment

CEU Status - Wastewater CEUs Pending (⌚). Water CEUs Pending (💧)