

*DRAFT SCHEDULE -
Subject to change*

2025 Western Washington Short School & Trade Show



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	☞ Intensificaton 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 Jenks	💧☞ Developing A Leak Detection Program - Sam Maahs, AWWD	💧☞ Pump Station Hydraulics Basics - Andrew Perex, 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 Zahler, 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 & Trade Show



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 Faccone, 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 Superoxygenation - 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, WSDOE
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 Daughtery, 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

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