

FINAL SCHEDULE

2026 Western Washington Short School & Trade Show



Detailed Schedule - Tuesday June 2nd 2026

7:00 - 7:30	Morning Coffee & Registration - Orca Ballroom 1 & 2			
	Tracks Available Virtually & In-Person		In-Person Only Tracks	
	Wastewater - Chinook 1	Water/ Disinfection - Chinook 2	Stormwater / Distribution / Collection and Conveyance - Chinook 3	Instrumentation & SCADA / Maintenance - Chinook 4
7:30 - 8:30	🕒 Biological Nutrient Removal Fundamentals - Bao Nguyen Quoc, Brown & Caldwell	🕒 Real-time Reservoir Management at Seattle Public Utilities: Balancing Objectives Across the Water Year -Julie Padilla, SPU	🕒 The MS4 System of North Seattle: Reactive and Proactive Maintenance and Regulations - Thomas Gray, City of Seattle	🕒 May the Force of Cathodic Protection Be with You - Alex Fussell, RH2 Engineering
8:40 - 9:40	🕒 Data Driven Optimization of MBR Leachate Treatment for Arsenic Removal - Taylor Buell, WSP / Impacts of Puget Sound Advanced Restoration Plan - Amanda McInnis, Jacobs	🕒 On-Site Sodium Hypochlorite Generation: A Safe and Cost-Effective Solution for Disinfection - Haley Goddard, Cleanwater1	🕒 Let's Talk Hydrants III - Pete Miller, AWWD	🕒 Instrumentation, PLC, HMI, What? - Kevin Sykes, AWWD
9:40 - 9:50	Break w/ Refreshments - Orca 1 & 2			
9:50 - 10:50	🕒 Assessing Kenaf's Effectiveness in Two Wastewater Treatment Configurations - Bao Nguyen Quoc, Brown & Caldwell & The State of Full-Scale Implementation - Biosolids Pyrolysis and Gasification - Greg Mockos, Brown & Caldwell	🕒 Optimizing Water Quality in Drinking Water Distribution Systems: The Role of Active Mixing - Haley Goddard, Cleanwater1	🕒 Force Main Condition Assessment: Case Studies, Recent Advances, and Lessons-Learned - Daniel Buonadonna, Jacobs	🕒 Fugitive Methane Leak Detection for Enhanced Operator Safety - Shannon Cavanaugh, Brown & Caldwell
11:00 - Noon	🕒 Process Intensification - Mario Benisch, HDR	🕒 Water Main Flushing 101 - Pierre Kwan, HDR	🕒 Case Study and Lessons Learned from Smoke Testing in Southwest Seattle - Kenny Moffat, City of Seattle /	🕒 Covington Water District's Integrated Asset Management - Chris Guest, Covington Water District
Noon - 12:40	Lunch - Orca Ballroom 1 & 2			
	Wastewater - Chinook 1	- Chinook 2	Decision Making & Lessons Learned / WTP & WWTP Tour - Chinook 3 & Arlington	Biosolids - Chinook 4
12:40 - 1:40	🕒 Retrofitting Oxidation Ditches to MLE Within an Active Facility: A Phased Approach to Capacity Expansion and Nitrogen Removal - Bitu Nazyab, BHC Consultants / Getting Ready for a Lab Audit - Ruth Piccone-Powers, WSDOE	🕒 Construction: Challenges of Renovating an Operating Treatment Plant - Janessa Caminos, King County Wastewater Treatment Division	🕒 Making Choices to Meet Your Goals - Topher Jones, Brown & Caldwell / Embracing Failure - How to Learn from our Mistakes - Jeff Schmidt, Jacobs	🕒 Factors Impacting Dewatering - Mario Benisch, HDR
1:40 - 1:55	Break w/ Refreshments - Orca Ballroom 1 & 2			
1:55 - 2:55	🕒 Tale of Two Agencies: How King County and Seattle Public Utilities Work Together on Reducing Combined Sewer Overflows - Maud de Bel, King County Wastewater Treatment Division	🕒 Liquid Feed System Design & Operation - Mark Hoffman. Correct Equipment	🕒 Arlington WTP & WWTP Tour - Caitlin Dywer, City of Arlington	🕒 Unveiling the Science of Polymer Activation in Solids Treatment - Haley Goddard, Cleanwater1
3:00 - 4:00	🕒 Wastewater Densification 101 - Richard Kelly, Brown & Caldwell	🕒 Pump Station Design& Pump Selection - Eric Schey, KCWTD		🕒 Your Biosolids PFOS level just exceeds 20 Åµg/kg? Thank goodness there are Laundromats in the Sewershed - Kenneth Hui, CDM Smith

CEU Status - Wastewater CEUs Approved (🕒) - Course# ECY26-abcd. Water CEUs Approved (🕒) - Course # Awxyz

FINAL SCHEDULE

2026 Western Washington Short School & Trade Show

2026 Western Washington Short School & Trade Show
For Water & Wastewater Operators, Engineers & Managers



Detailed Schedule - Wednesday June 3th 2026

7:00 – 7:30	Morning Coffee & Registration - Orca Ballroom 1& 2			
	Tracks Available Virtually & In-Person		In-Person Only Tracks	
	Wastewater - Chinook 1	Water & Pumps - Chinook 1	Distribution, Collection and Conveyance - Chinook 3	Safety, Odor Control & System Reliability - Chinook 4
7:30 - 8:30	☑️ Samplers 101 - Andrew Klempel, Whitney Equipment	☑️☑️ Perchlorate MCL and Sodium Hypochlorite Storage - Celia Harvey, Stantec	☑️☑️ Smart Utilities - Eric Ongstad, Xylem	☑️☑️ Utility Vehicle Driver Safety - Momo Clyne, Evergreen Safety Council
8:40 - 9:40	☑️ Breaking Boundaries in Nutrient Removal with SBR Innovation - Jeremy Jensen, Xylem	☑️☑️ The Two most Important Preventative Maintenance Steps to Long Centrifugal Pump Life - Jim Joyce, Pump Tech NW	☑️☑️ Leak Detection and Condition Assessment for Critical Pipeline Assets - Doug McClintic, Xylem / Pure Technologies	☑️ Wastewater Odor Production, Regulations & Odor Control Technologies - Diederik Apgar, Apgar Engineering
9:40 - 10:25	Vendor Show & Refreshments - Orca Ballroom 1 & 2			
10:25 - 11:25	☑️ Wastewater Screen Technologies and Design Considerations - Tim Matheis, Hyro-Dyne Engineering / Structured Approaches to Screening Technology Selection - Tim Matheis, Hyro-Dyne Engineering	☑️☑️ Vertical Turbines 101 - Jim Joyce, Pump Tech NW	☑️☑️ A Practical Guide to Locating Water & Sewer Pipes, Brian Moss, RJM Company	☑️☑️ Designing for Reliability - Embedding O&M Wisdom Early - Gerald Fejarang, CDM Smith
11:25- 12:25	Lunch & Trade Show			
	Wastewater - Chinook 1	Valves / Tanks / Pump Selection - Chinook 2	Valves, Distribution - Birch	Biosolids & Nutrients - Chinook 4
12:25 - 1:25	☑️ Comparing Multirake and Through Flow Band Screens: A Data-Driven Evaluation & Understanding Screen Capture Ratio for Informed Screening Design - Tim Matheis, Hyro-Dyne Engineering	☑️☑️ Decoding Combination Control Valves - Patrick Miller, Cimco - GC Systems	☑️ Automation of Nutrient Removal within WWTFs and Engaging Students in Municipal Work - Nick Porter, Elizabeth Yockey, Megan Altenburg & Will Broznowski, UW Students	☑️ Biosolids Biochar to Concrete: How it works and what it can do for the industry - Valentino Villa, Bioforcetech Corporation
1:25 - 1:50	Vendor Show & Refreshments - Orca Ballroom 1 & 2			
1:50 - 2:50	☑️ Killing Three Birds With One Stone - John Van Wingerden, Inland Environmental Resources	☑️☑️ Washing Reservoir Exteriors to Remove Biological Growth - James Pace, Sparkle Wash	☑️☑️ Overview and Valve Selection: An Introduction to Specialty Valves - Patrick Miller, Cimco - GC Systems	☑️ BNR Bootcamp - Preparing for Emerging Treatment Requirements - Eric Polli, Hazen and Sawyer
3:00 - 4:00	☑️ Wastewater Process Modeling - Katerina Messologitis, Stantec	☑️☑️ Filter Surveillance: The Benefits of Spying on Your Filter Media - Connor Mancosky, Carollo	☑️☑️ Structural Rehabilitating 12 Ft CMP and Protecting Fish Passage by Spray Applied Pipe Lining with Geopolymer Mortar - Kurt Chirbas, GeoTree Solutions	☑️ Biological Nutrient Removal Basics and the Emerging Role of Enhanced Primary Treatment - Christine Hengel-Prom, Black & Veatch

CEU Status - Wastewater CEUs Approved (☑️) - Course# ECY253970 Water CEUs Approved (☑️☑️) - Course# A3537