



OREGON ASSOCIATION OF WATER UTILITIES

28th Annual
Summer Classic
Conference

Seaside Convention Center • August 22–25, 2022

REGISTRATION INFORMATION & SCHEDULE

Conference Events & Information

Registration Options

Full Conference (Tuesday–Thursday)

Full conference registration includes conference activities, all training sessions, exhibit hall & exhibitor activities, Tuesday lunch and evening barbecue, continental breakfast Wednesday and Thursday.

Pre-Conference (Monday)

Pre-conference registration is separate from the full conference registration. Pre-conference registration is free if taking the Small Water System Training course or the Risk Assessment & Emerging Contaminants courses. Select class(es) on registration form, page 7.

Lodging Options

Inn at Seaside

441 2nd Ave., Seaside, OR 97138
503-738-9581 www.innatseaside.com

Holiday Inn Express

34 Holladay Drive, Seaside, OR 97138
800-439-4745 www.ihg.com

River Inn at Seaside

531 Avenue A, Seaside, OR 97138
503-717-5744 www.riverinnatseaside.com

Shilo Inn

30 N. Prom, Seaside, OR 97138
503-738-9571, 800-222-2244 www.shiloinns.com



Seaside Convention Center

415 First Ave., Seaside, OR 97138
503-738-8585 or 800-894-3303
www.seasideconvention.com

CEUs, Meals & More

- Attend Monday pre-conference and earn up to 0.6 CEUs
- Attend Tuesday–Thursday and earn up to 1.7 CEUs
- Exhibitors Tuesday & Wednesday
- Tuesday lunch & evening barbecue
- Golf meeting Tuesday evening before the barbecue
- Tuesday evening bonfire & horseshoes on the beach
- Golf scramble Wednesday at 1:00 pm
- Many raffles and door prize giveaways!

OAWU Fundraiser Raffle Items



Tickets will be available for sale starting Tuesday after the opening session.

Pistol: Ruger Max-9 with riton red dot 9mm 3.2" 12-RD Semi-Auto
Rifle: Tikka T3X Lite 6.5 Creedmoor 24.3" Bolt Action

Drawings to be held Thursday during the closing session.
You do not have to be present to win.

Dependent upon availability. Substitutions may occur.

OAWU'S ANNUAL GOLF SCRAMBLE



Seaside Golf Club

Wednesday, August 24, 2022 • Start 1:00 pm

Registration \$45 per golfer • Sign up on conference registration form

Golf meeting before dinner on Tuesday in Pacific Room

4-Person Team Scramble • 9-Hole Game • 2-Person Carts

Prizes for Longest Drives, Putts & More

Cash Awards for Top 3 Teams • Lots of Fun!

Conference Schedule

Monday, August 22, 2022 Pre-Conference 0.6 W / WW CEUs

NECANICUM

9:00 am – 12:00 pm

Risk Assessment & Emergency Response

How to complete a risk assessment and be proactive and prepared for an emergency at your water and wastewater system.

Scott Berry, OAWU

0.3 W/WW CEUs

1:00 pm – 4:00 pm

Emerging Contaminants PFOS

Class will provide an overview of sources and treatment options as well as current trends in regulations.

Keith Bedell, OAWU

0.3 W/WW CEUs

RIVERSIDE A

9:00 am – 4:00 pm

Small Water System Training Course

This course will cover the basics of water system operations. A review of the SDWA Amendments, the State Revolving Loan Fund, and security issues. Review of technical, managerial, and financial needs of a small system.

Tim Tice, OAWU

0.6 W CEUs ESAC #4328

RIVERSIDE B

9:00 am – 4:45 pm

Cross Connection Specialist Update

Obtain your Cross Connection Specialist updates and any updates on the cross-connection program.

Garrett Yates, BMI

0.6 W CEUs ESAC #4095

Tuesday, August 23, 2022 Conference Schedule 0.725 W/WW CEUs Registration desk hours 8–5

8–9 am		Registration					
9–9:30 am	0.05	Opening Session: Water and Wastewater Utility Leadership Prepare for succession and how to build and influence a capable, long lasting, and trustworthy crew. <i>Jason Green, OAWU</i> w/ww					
9:30–10:45 am	0.125	Legislative Update The latest issues of the State Legislature activities concerning water and wastewater utilities. <i>Mark Landauer, SDAO and Jason Green, OAWU</i> w/ww					
10:45–11 am		Break					
NECANICUM		RIVERSIDE A		RIVERSIDE B		SEASIDE A/B	
11 am–12 pm	0.1	Training Sessions					
Using and Locating Tracer The how, when, where, and why of using tracer wire. <i>Steve Causseaux and Geoff Robinson, CIMCO-GC Systems</i> w/ww/os		Saving Money Pumping Water pumping efficiencies and what is costing money, how much it is costing and how we can save money and prolong the life of our wells and pumping equipment. <i>Andy Andiyastika, Hose Solutions, Inc.</i> w/ww/os		Solutions for Control Distribution maintenance and repair techniques to avoid water system shutdown. <i>Michael Erwin, Hydra-Stop</i> w		Pretreatment 101 & Industrial User Surveys DEQs Pretreatment Program, federal and state regulations, and Community- Based Pretreatment Tools for local ordinances and BMPs to reduce the discharge of toxics or problem pollutants to the plant. <i>Etsegenet Belete, DEQ</i> ww	
12–1 pm		Lunch with Exhibit Time: The latest applications, equipment, tools, and techniques in our industry					
1–3 pm	0.2	Training Sessions					
Tip Selection and Combination Trucks Review the application of hydro excavation, new technology, proper methods, equipment used, safety, and the use and applicability of different nozzle types. This class will cover different technologies, tips, tricks and operator’s safety in Hydro-Excavation and Combination trucks. <i>Eric Lundy, Owens Equipment</i> w/ww/os		Succession Planning & Financial Viability Succession planning & how to make healthy decisions for the workforce. Financial viability & maintaining a healthy industry and utility. <i>Tim Tice, Jason Green, OAWU</i> w/ww		Leak Detection & Smart Meters Integrated acoustic sensor housed in the meter presents an approach to increase the number of acoustic sensors in a water grid tenfold. <i>Tim Owens, Correct Equipment</i> w Infrastructure as a Service A unique alternative to the traditional purchase of capital assets by offering a month-to-month, use-based service to communities. <i>Case study – Jackson MS, Simmesport, LA</i> <i>Jason Hewitt, Sustainability Partners</i> w		DEQ Permitting Update NPDES permits. Planning, permit development with potential analysis and identification of pollutants of concern, permit processing, and measuring success. <i>Jeffrey Navarro, DEQ</i> ww Intro to Your DEQ Online Withing two years, Your DEQ Online will bring most of DEQs application, payment, and reporting into one cloud-based platform. What to expect. <i>Margaret Gardner & Jessica Lorenz, DEQ</i> ww	
3–3:30 pm		Break with Exhibit Time: The latest applications, equipment, tools, and techniques in our industry					
3:30–5 pm	0.15	Training Sessions					
Leak Detection Techniques, common equipment, and common mistakes in leak detection. <i>Mike Uthe, Mueller</i> w/ww/os		O&M of Chemical Feed Pumps What to choose - operational functions of peristaltic and diaphragm pumps relating to system parameters such as chemical, flows, pressures, required ancillary equipment, and parts replacement. <i>Bill Ormsby, Blue-White</i> w/ww		Preparation for AMI AMI offers you asset management features that you simply have not had before. It’s important to understand what you are receiving and being prepared for it. This class will cover those features and ways to best prepare. <i>Pat Hart, Ferguson Waterworks</i> w		DEQ WW Operator Certification This presentation will cover the application and certification process, tips to avoid mistakes, an overview of where to find the information you need on DEQ’s website, and an opportunity for program feedback. <i>Kimi Grzyb, DEQ</i> ww	
5:15 pm		Golf Tournament Meeting					
5:30–7:30 pm	0.1	Dinner with Exhibit Time: The latest applications, equipment, tools, and techniques in our industry w/ww					
7:30–10 pm		Join OAWU for a bonfire, horseshoe games and camaraderie on the beach (weather permitting)!					

Wednesday, August 24, 2022 Conference Schedule 0.65 W/WW CEUs Registration desk hours 8–12

7–8 am **Continental Breakfast in Exhibit Hall**

NECANICUM RIVERSIDE A RIVERSIDE B SEASIDE A/B

8–9:30 am 0.15 **Training Sessions**

On-Site Sodium Hypochlorite Generation

On-site hypochlorite generation systems for water and wastewater utilities are increasing as systems grapple with Risk Management Plans and cost. Lessons from 30 yrs. of OSHG installations.
Ethan Brooke, UGSI Solutions, Inc.

w/ww

Booster Pumps and Improvements

Learn the many options and features of different types of water booster pumps used in municipal water distribution. There are many different styles of pumps to transmit and boost your system water pressure. What do you need to keep your system maintenance free, and simple to run?

*Rich Owens,
Owens Pump & Equipment*

w/os

AMI Options & Water Distribution Management

Technology to read water meters is changing rapidly. LoraWAN and Cellular AMI may allow even small systems to afford AMI technology. New battery powered technologies can turn an AMI system into a Water Distribution Management System, reduce water loss, improve capital plans, and reduce costs.

Matt Zellers, Mueller

w

CIPP Rehab for Wastewater Utilities

This presentation will focus on the use of Cured-In-Place pipe (CIPP) trenchless rehabilitation techniques for wastewater systems. The current state of art in the industry, and basic design philosophy. Examples of uses of the CIPP system in small and large diameter water/wastewater systems.

Amber Wagner, Aegion ww

9:30–10 am **Exhibit Time: Learn the latest applications, equipment, tools, and techniques in our industry**

10 am–12 pm 0.2 **Training Sessions**

Chemical Feeds Pumps

Water and Wastewater chemical feed pump application, operation, maintenance, and installation.
Phil Pelletier, Furrow Pump

w/ww/os

Strategies for Managing Aging Infrastructure

Case study of a small municipality's struggles of developing an executable plan for managing our aging water and sewer systems. Developing plans and securing funding, unique challenges faced by small municipalities when navigating state and federal funding options. Real world, day to day operations and master planning.

*Leo Newberg,
Inn at Otter Crest*

w/ww

Advanced Control Valve Application

Hydraulic control valves can cause uncertainty with water operators. What is happening inside to achieve its function? What happens if it malfunctions? What can cause it to malfunction? How to approach these valves safely if malfunctioning? Beginning with the basic understanding of hydraulic valves, shut down, troubleshooting, and start up.

*Steve Causseaux,
CIMCO-GC Systems*

w

Pre-Treatment & FOG Ordinances

The necessity of having Pre-Treatment and FOG (Fats, Oils, and Grease) ordinances for your utility as dictated by federal regulation. Include discussions on why these ordinances are beneficial to municipal and industrial facilities and provide ideas on how to inspect and enforce your ordinances.

Rick Allen, Biolyneus ww

12–1:30 pm **Lunch**

1:30 pm–3 pm 0.15 **Training Sessions**

Asset Management & New Tech

Challenges with maintenance and asset management, strategic planning, capital and comprehensive planning, rate setting, project management, forecasts, and budgets etc. Moreover, several federal, state, and insurance agencies are mandating electronic asset management for reporting, funding, operations etc. Technology to invest in to integrate with GIS?

*Arnab Bhowmick,
AAKAVS AKTIVOV*

w/ww

Math for Operators

Basic math concepts and formulas for water and wastewater operators including areas, volume, conversions, pounds formula, velocity, flow, head and hydraulics and more for system operators. Please bring your calculators and system questions.

OAWU Staff

w/ww/os

3–3:15 pm **Break**

3:15–4:45 pm 0.15 **Sessions continue**

Asset Management & New Tech (continued)

w/ww

Math for Operators (continued)

w/ww/os

No classes in Riverside B or Seaside A/B after 1:30



Annual Golf Scramble 1:00 • See page 3 for details

Thursday, August 25, 2022 Conference Schedule 0.4 W/WW CEUs Registration desk hours 8–12

7-8 amContinental Breakfast				
NECANICUM		RIVERSIDE A	RIVERSIDE B	SEASIDE A/B
8-9:45 am0.175		Training Sessions		
System O&M Successfully operate and maintain a water and/or wastewater system. Everything from paperwork you keep, critical parts inventory, budget, training, staff succession, outlining and delegating tasks, monthly reports and tracking, staff and council/ board communication and public relations. OAWU Board (Mike Edwards, Matt Johnson, Tim Lyda, Russ Cooper) w/ww		Building an Effective Lead and Copper Rule Program The Lead and Copper Rule (LCR) can be a difficult part of the Smart Water Drinking Act rules. Resources and technology are available to confidently and effectively develop a LCR program. A toolkit water professionals can use to maneuver the revised LCR and ensure program success, as well as explore Oregon funding. Lowell Huffman, 120Waterw	Certification Update Reviewing certification rules and requirements for water distribution and treatment certifications. Tony Fields, OHA-DWSw	Peracetic Acid Disinfection in WW Treatment Peracetic acid (PAA) is an up-and-coming alternative disinfectant wastewater treatment. It has strong oxidation potential, performing as a quick biocide and bacterial deactivator. PAA does not require neutralizing for residual. Jacquelyn Wilson, Enviro Techww
9:45-10 amBreak				
10-11:45 am0.175		Training Sessions		
OSHA Inspections What to expect in and how to be prepared for an OR-OSHA inspection. Larry Fipps, OSHA w/ww		Communicating with Engineers Effective ways to communicate with engineers for water and wastewater projects. Get your point across in a technical world. Come learn methods to be clear and concise so that the engineer can understand what we want at our systems. Mike Grimm, West Slope Water Districtw/ww/OS	Service Line Inventory How to prepare for and complete the new service line inventory requirement for the LCRR. Chuck Michael, OHA-DWSw	Collection System Management FOG, odors, H2S, corrosion, and the damaging impacts of contaminants. Emerging issues to improve wastewater programs and incorporating pre-treatment and collection system management strategies. Rick Allen, BioLynceusww
11:45-12:15 pm0.05		Closing Session: Water and Wastewater Utility Leadership Prepare for succession and how to build and influence a capable, long lasting, and trustworthy crew (continued). Jason Green, OAWUw/ww		

Conference Policies

Early Bird Registration: Receive a \$30 discount for each full conference registration postmarked by July 22, 2022. Early Bird registrations may be billed or paid by credit card or check.

Confirmation: If you need a confirmation of registration, please contact the OAWU office at 503-837-1212 or email office@oawu.net.



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Seaside Convention Center – 415 First Ave – Seaside, Oregon 97138

Oregon Association of Water Utilities

Full Name _____

Name for badge _____

Water Cert. # _____ / _____ Wastewater Cert. # _____ / _____ ☐ Not Certified

System / Company _____

System Address _____

City _____ State _____ Zip _____

System Phone _____ System Email _____

Pre-Conference (Monday)

	Course	Fee
<input type="checkbox"/>	Small Water System Training Course (0.6 W CEUs) System ID #41- _____	FREE
<input type="checkbox"/>	Risk Assessment & Emergency Response (0.3 W/WW CEUs)	FREE
<input type="checkbox"/>	Emerging Contaminants PFOS (0.3 W/WW CEUs)	FREE
<input type="checkbox"/>	Cross Connection Specialist Update (0.6 Water CEUs)	\$120

Full Conference (Tuesday-Thursday)

Conference Registration	Early Bird (postmarked by July 22)	Standard (postmarked after July 22)
OAWU Member	\$335	\$365
Non-Member*	\$435	\$465
TOTAL REGISTRATION FEES		

Additional Meals for Guests (Children 10 years old & under – Free)	Quantity	Fee	Subtotal
Tuesday Evening BBQ		\$15	
Tuesday Lunch		\$15	
TOTAL ADDITIONAL MEALS			

Wednesday Golf 9-Hole Scramble Registration	Quantity	Fee	Subtotal
Golf Players Name: _____ Name: _____ Name: _____ Name: _____		\$45 Per player	
Seaside Golf Club		TOTAL GOLF REGISTRATION FEES	

Total Conference Fees

☐ Payment Enclosed ☐ Purchase Order: PO # _____ ☐ Please Invoice

If paying by credit card, please use PayPal at www.oawu.net or call the OAWU office to process.

☐ Fax or Email receipt to: _____

Send registration form and payment to:

Fax 503-837-1213 or mail: OAWU, 935 N. Main Street, Independence, OR, 97351 or email: office@oawu.net

REGISTRATION POLICIES

If you register for the 28th Annual Summer Classic Conference and fail to attend without providing OAWU with a 30-day prior notice, NO REFUNDS will be issued and/or you will be billed for a full registration.

* Non-members receive a one-year individual membership with conference registration.

Oregon Association of Water Utilities
935 N. Main St.
Independence, OR 97351
503-837-1212 Fax 503-837-1213
Address Service Requested



PRSRT STD
U.S. POSTAGE
PAID
SALEM, OR
PERMIT NO. 463

Attention Water and Wastewater Departments

When finished reading, please
route to manager(s), operators,
city recorder and/or board members.

28th Annual Summer Classic Conference

August 22–25, 2022

Information & Registration: www.oawu.net

OAWU's mission is to provide service, support and
solutions for Oregon water & wastewater utilities to
meet the challenges of today & tomorrow.