

OREGON ASSOCIATION OF WATER UTILITIES

30th Annual
Summer Classic
Conference

Seaside Convention Center

August 19–22, 2024



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 and PFOS 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 1.8 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 Raffle



Tickets available starting Tuesday after opening session.

Sig Sauer P365 Original 9MM 3.1" 10-RD Pistol

Henry Homesteader 9MM 16.37" 10-RD Rifle

Diawa North Coast Rod with a Penn 300 Squall Reel

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



Gearhart Golf Links

Wednesday, August 21, 2024 • Start 1:00 pm

Registration \$130 per golfer • See conference registration form to sign up
Golf meeting before dinner on Tuesday in Pacific Room

4-Person Team Scramble • 18-Hole Game • 2-Person Carts
Prizes for Longest Drives, Putts & More
Cash Awards for Top 3 Teams • Lots of Fun!

Conference Schedule

Monday, August 19, 2024 Pre-Conference UP TO 0.6 W / WW CEUs

<p>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. <i>Tim Tice, OAWU</i> 0.6 W CEUS ESAC #6103</p>	<p>9:00 am–4:45 pm Cross Connection Specialist Update Obtain your Cross Connection Specialist updates and any updates on the cross-connection program. <i>Garrett Yates, BMI</i> 0.6 W CEUS ESAC #5963</p>	<p>8:00 am–1:00 pm Flagger Certification Attend this ODOT flagger course to obtain flagger requirements. Attendees completing this course and exam become an ODOT certified flagger. <i>Bill Buterbaugh, ODOT</i> 0.5 W/WW CEUS ESAC #4550</p>	<p>8:00 am–12:00 pm Emerging Contaminants PFOS Workshop An overview of sources and treatment options as well as current trends in regulations. <i>Keith Bedell, OAWU</i> 0.35 W/WW CEUS ESAC #6237</p> <p>1:00 am–4:00 pm Risk Assessment and Emergency Response How to complete a risk assessment and be proactive and prepared for an emergency at your water and wastewater system. <i>Scott Berry, OAWU</i> 0.25 W/WW CEUS ESAC #6237</p>
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Tuesday, August 20, 2024 Conference Schedule 0.725 W/WW CEUs

Registration desk hours 8–5

8–9 am	Registration				
9–9:30 am	0.05	Opening Session: The Future of Your Utility Mentoring new operators in a kind and fair way. Jason Green, OAWU			w/ww
9:30–10:45 am	0.125	Legislative Update The latest issues of the State Legislature activities concerning water and wastewater utilities. Jason Green, OAWU			w/ww
10:45–11 am	Break				
NECANICUM		RIVERSIDE A	RIVERSIDE B	SEASIDE A/B	
11 am–12 pm	0.1	Training Sessions			
Strategies for Managing Aging Infrastructure Case study of a small municipality’s struggles and adventures of developing an executable plan for managing our aging water and sewer systems. Developing plans and securing funding for our aging water plant and distribution system. The unique challenges faced by small municipalities when navigating state and federal funding options. Leo Newberg, Inn at Otter Crest		Understanding Blueprints for Control Systems & SCADA Integration, Maintenance, and Safety Read, interpret, and recognize potential hazards in engineering plans and how to utilize modern software and tools for research, visualization, and simulation. Digital documentation and cloud-based collaboration will be explained. Nathan Landreth, Advanced Control Systems	Hydrant History Some current model O&M and finish with the future of fire hydrants and emerging pressure monitoring features, and benefits. Vaughn Barber, M&H/Kennedy Valve Co.	Model FOG Ordinance An ordinance to abate fats, oils, and grease (FOG) is part of a comprehensive approach to Capacity, Management, Operations and Maintenance (CMOM). The OR-ACWA model ordinance helps utilities adopt an ordinance that collaborates with other jurisdictions. Jill Hoyenga, City of The Dalles, OR	
12–1 pm	0.1	Lunch with Exhibit Time: The latest applications, equipment, tools, and techniques in our industry.			w/ww
1–3 pm	0.2	Training Sessions			
Locating the Unknown Conventional methods of locating with standard pipe and cable locators and new methods for the pipe that just doesn’t want located and found. We may go outside and perform some of the techniques. Nick Frappier, NW Hydrovac		Out of Boundary Water The importance and criteria for drafting a contract for out of boundary water and wastewater services. Laura Schroder and Kelsey Sibel, Schroder Law	Certification Update Reviewing certification rules and requirements for water distribution and treatment certifications. Tony Fields, OHA	Fun with Lagoon Maintenanace The benefits and challenges of the three common types of lagoons: anaerobic, aerobic and facultative. Lagoon design, fluid dynamics and short circuiting. Also lagoon health and water profiles in lagoons. Heather Jennings, Huma Environmental	
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			
Financial Roundtable Panel Discussion overview of funding opportunities each agency has available for water and wastewater systems. Concludes with Q&A. Tony Fields, OHA; Kristen Larson, Business Oregon; USDA-RD; Tom Putman, Putman Infrastructure		Easements Obtaining or expanding easements for water and wastewater infrastructure maintenance, repair, or replacement. Laura Schroder and Kelsey Sibel, Schroder Law	AMI’s Role in Your World Technology advances can provide a critical role in your day to day. We will explore the many options available and how they will benefit your team and your customers! Pat Hart, HD Fowler	Nite/Denite the Teeter Totter of Wastewater Accomplishing nitrification and denitrification in any wastewater treatment is learning how to balance the needs of both microorganisms while dealing with BOD reduction. The requirements for these little divas, troubleshooting and how to get them back. Heather Jennings, Huma Environmental	
5 pm	Golf Tournament Meeting in the Pacific Room				
5:30–7:30 pm	Dinner with Exhibit Time: The latest applications, equipment, tools, and techniques in our industry				

Join OAWU for a bonfire, horseshoe games, and camaraderie on the beach 7:30–10 p.m. (weather permitting)!

7–8 am Continental Breakfast in Exhibit Hall

NECANICUM	RIVERSIDE A	RIVERSIDE B	SEASIDE A/B
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8–9:30 am 0.15 Training Sessions

Rural Water System Cyber Update ICS, SCADA, and OT Cybersecurity Threat Vectors, Attack Preparedness, and Government Compliance. <i>Steven Menges, Alpha Guardian Networks, LLC</i> w/ww	Utility Management for Small Systems in the 21st Century Asset management, long and short-term capital planning and finance, communicating with customers, delivering on the utility's level of service, and the growing list of regulatory requirements. Utility managers need tools and partners to assist the utility in today's world. <i>Michael W. Grimm, West Slope Water District</i> w/ww	Solutions for Control with Q&A Insertion valves with technology to install a permanent valve live, under pressure, in less than two hours without major shutdowns or disrupting the system and real-world applications of this solution (hydrant replacements, water main rehabs, lift station renovations, and more). <i>Michael Urwin, Hydra Stop</i> w	Septic and Grease Haulers Accepting discharges from these entities? Issues these contaminants can bring to your facility. What do these materials cost your plant in dollars and sense? Suggestions for protocols and Ordinances you need to implement, today. Also, how and what you should be testing and what you should be charging for these concentrated discharges to your system. <i>Rick Allen, BioLynceus</i> ww
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9:30–10 am Break with Exhibit Time: The latest applications, equipment, tools, and techniques in our industry

10 am–12 pm 0.2 Training Sessions

Rural Water System Cyber Update (continued) w/ww	Tip Selection and Vector Trucks Hydro excavation, new technology, proper methods, equipment used, safety, and the use and applicability of different nozzle types. Technologies, tips, tricks and operator's safety. <i>Shawn Patrick & Dan Nelson, Owens Equipment</i> w/ww/os	Creating A Water Rights Inventory to Meet Deadlines/Required Conditions Including WMCP's Importance of managing and protecting your water rights, meeting WMCP, and green light water requirements. <i>Laura Schroder and Kelsey Sibel, Schroder Law</i> w	Wastewater Plant Start/Re-start How your plant gets killed or significantly impacted to cause out of compliance issues. Many toxins known to damage wastewater plants including chemicals, Crystal Meth, Petroleum and Food Grade (Grease) Hydrocarbons along with illegal discharging to your system. Options and timeline for resurrecting your plants. <i>Rick Allen, BioLynceus</i> ww
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12–1:30 pm Lunch

RIVERSIDE A	RIVERSIDE B
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1:30 pm–3 pm 0.15 Training Sessions

Confined Space Training The ins and outs of confined space entry and a hands-on portion to see and use the applicable equipment. <i>Bill Buterbaugh, ODOT</i> w/ww	Math for Operators Basic math concepts for water and wastewater operators including areas, volume, conversions, pounds, formulas, velocity, flow, head, hydraulics. Please bring your calculators and system questions. <i>OAWU Staff</i> w/ww
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3–3:15 pm Break

3:15–5 pm 0.175 Sessions continue

Confined Space Training (continued) w/ww	Math for Operators (continued) w/ww
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Annual Golf Scramble 1 p.m. — see page 3 for details

Thursday, August 22, 2024 Conference Schedule 0.4 W/WW CEUs Registration desk hours 8–12

7–8 am Continental Breakfast				
NECANICUM		RIVERSIDE A	RIVERSIDE B	SEASIDE A/B
8–9:45 am	0.175	Training Sessions		
System O&M Understanding what it takes to 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. <i>OAWU Board (Matt Johnson)</i> w		Technology at your System Explore how new technologies can be used in everyday services through real-life examples and conversations. We'll look at the benefits, the difficulties, and the questions that come up when these technologies are put to use. <i>Jason Coker, OAWU</i> w/ww	Hydraulic Control Valve Basics: Function and Troubleshooting Hydraulic control valves and maintenance. Proper understanding and maintenance practices will aid to ensure proper valve performance and prevent valve failure. Valve function and piloting systems. <i>Patrick Miller, Cimco-GC System's Cla-Val Service</i> w	Wastewater Modeling Process and Benefits The benefits of a working model in regard to inflow & infiltration rehab, planning & development studies & future flow predictions for design storms and urban growth boundary expansions. <i>Samuel Novac, P.E.</i> ww
9:45–10 am Break				
10–12:00 am	0.2	Training Sessions		
Chemical Feeds Pumps Water and Wastewater chemical feed pump application, operation, maintenance, and installation. <i>Phil Pelletier, Furrow Pump</i> w/ww		Ready, Set, Disaster! Are you ready for the next thing to hit you? Wildfire, heat dome's, drought, earthquakes. Tools that are available to help in all hazards. You are not alone. Get tools like grants, partnerships, volunteer teams to help you through the next gray sky event. <i>Dan Weitzel, City of Manzanita PW</i> w/ww	Source Water Protection on Forest Lands Working with the Private Forest Accord and Oregon's Forest Practices Act for your source water protection. <i>Seth Barnes, OFIC; Matt Thomas, ODF; Katie Murray, OFS</i> w	DEQ Wastewater Operator Certification Basics Application and certification An overview of the information on DEQ's website, and an opportunity for program feedback. Your DEQ Online Your DEQ Online brings most of DEQ's application, payment and reporting processes into one cloud-based platform. What to expect and key features of the system. <i>Kimi Grzyb, DEQ</i> ww
12:00–12:15 pm	0.025	Closing Session: The Future of Your Utility (continued) Mentoring new operators in a kind and fair way. <i>Jason Green, OAWU</i> w/ww		

Conference Policies

Early Bird Registration: Receive a \$50 discount for each full conference registration postmarked by July 21, 2024. 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.



30TH Annual Summer Classic Conference

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) 9am – 4pm System ID #41-_____	FREE
<input type="checkbox"/> Flagger Certification (0.5 W/WW CEUs) 8am – 1pm	FREE
<input type="checkbox"/> Emerging Contaminants PFOS (0.25 W/WW CEUs) 8am – 12pm	FREE
<input type="checkbox"/> Risk Assessment & Emergency Response (0.35 W/WW CEUs) 1pm – 4pm	FREE
<input type="checkbox"/> Cross Connection Specialist Update (0.6 W CEUs) 9am – 4:45pm	\$175

Full Conference (Tuesday-Thursday)

Conference Registration	Early Bird (postmarked by July 21)	Standard (postmarked after July 21)
OAWU Member	\$370	\$420
Non-Member*	\$470	\$520
TOTAL REGISTRATION FEES		

Additional Meals for Guests (Children 10 years old & under – Free)	Quantity	Fee	Subtotal
Tuesday Evening BBQ		\$18	
Tuesday Lunch		\$18	
TOTAL ADDITIONAL MEALS			

Wednesday Golf 18-Hole Scramble Registration	Quantity	Fee	Subtotal
Golf Players Name: _____ Name: _____ Name: _____ Name: _____		\$130 Per player	
Gearhart Golf Links TOTAL GOLF REGISTRATION FEES			

Do you need golf clubs? ☐ Yes ☐ No ☐ Right-Handed ☐ Left-Handed

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 30th 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.

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August 19–22, 2024

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.