

OREGON ASSOCIATION OF WATER UTILITIES

29th Annual  
Summer Classic  
Conference

Seaside Convention Center

August 21–24, 2023



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](http://www.innatseaside.com)

### Holiday Inn Express

34 Holladay Drive, Seaside, OR 97138  
800-439-4745 [www.ihg.com](http://www.ihg.com)

### River Inn at Seaside

531 Avenue A, Seaside, OR 97138  
503-717-5744 [www.riverinnatseaside.com](http://www.riverinnatseaside.com)

### Shilo Inn

30 N. Prom, Seaside, OR 97138  
503-738-9571, 800-222-2244 [www.shiloinns.com](http://www.shiloinns.com)



## Seaside Convention Center

415 First Ave., Seaside, OR 97138  
503-738-8585 or 800-894-3303  
[www.seasideconvention.com](http://www.seasideconvention.com)

## CEUs, Meals & More

- Attend Monday pre-conference and earn up to 0.7 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.*

Henry US Survival AR-7 Pack 22 LR 16.13" 8-RD Semi-Auto Rifle

Bergara Ridge 30-06 SPRG 24" 4-RD Bolt-Action Rifle & Burris 3.9 Scope

Lamiglas Redline HS94MS 9'4" Fishing rod & DIAWA BG 4000 Spinning 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



## Seaside Golf Club

**Wednesday, August 23, 2023 • 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 21, 2023 Pre-Conference UP TO 0.7 W / WW CEUs

9:00 am–4:00 pm

#### Small Water System Training Course

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

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 #3388

8:00 am–12:00 pm

#### Emerging Contaminants PFOS Workshop

An overview of sources and treatment options as well as current trends in regulations.

Keith Bedell, OAWU 0.4 W/WW CEUs ESAC #TBA

1:00 am–4:00 pm

#### Risk Assessment and Emergency Response

How to complete a risk assessment, be proactive and prepared for an emergency at your utility.

Scott Berry, OAWU

0.3 W/WW CEUs ESAC #TBA

8–9 am		Registration			
9–9:30 am	0.05	<b>Opening Session: In Step</b> Positional responsibilities and relationships in a well-run water or wastewater system. <i>Jason Green, OAWU</i> <div>w/ww</div>			
9:30–10:45 am	0.125	<b>Legislative Update</b> The latest issues of the State Legislature activities concerning water and wastewater utilities. <i>Mark Landauer, SDAO, Jason Green, OAWU</i> <div>w/ww</div>			
10:45–11 am		Break			
NECANICUM		RIVERSIDE A	RIVERSIDE B	SEASIDE A/B	
11 am–12 pm	0.1	Training Sessions			
<b>Improving Revenue Collections for Utilities</b> How policies and procedures at various stages of the customer cycle—application for service, billing, delinquent processing, and final bills—can impact collections. Alternative payment methods and third party solutions. <i>Gary Sanders, Utility Information Pipeline LLC</i> <div>w/ww</div>		<b>Online Chlorine Measurement Methods</b> The history of chlorine measurement technologies, advantages and limitations of amperometric measurement over colorimetric measurement. Use chlorine analyzers to drive disinfection and other chemical dosing processes. <i>Chris LaCour, ProMinent Fluid Controls, Inc.</i> <div>w/ww</div>	<b>Reservoir Mixing, TTHM/Corrosion Mitigation, and Automated Residual Control</b> Water quality issues in potable water storage tanks & how to solve those issues w/mixing. Trihalomethanes issues & corrosion inside the head space of tanks. Residual issues throughout potable water storage tanks & how automated residual control systems can help. <i>Kevin Chapa, Big Wave Technologies</i> <div>w</div>	<b>Introduction to Your DEQ Online</b> Over the next two years, Your DEQ Online will bring most of DEQ’s application, payment and reporting processes into one cloud-based platform. What to expect for this new platform. A brief demonstration of the application process and key features of the system. <i>Margaret Gardner &amp; Jessica Lorenz, DEQ</i> <div>ww</div>	
12–1 pm		Lunch with Exhibit Time: The latest applications, equipment, tools, and techniques in our industry.			
1–3 pm	0.2	Training Sessions			
<b>The Fundamentals of Electrochemistry</b> How electrodes function for pH measurements. Common measurement problems, calibration and measurement hints, and troubleshooting. <i>Mark McElroy, Thermo Fisher Scientific</i> <div>w/ww</div>		<b>Chemical Feeds Pumps</b> Water and Wastewater chemical feed pump application, operation, maintenance, and installation. <i>Phil Pelletier, Furrow Pump</i> <div>w/ww</div>	<b>Certification Update</b> Reviewing certification rules and requirements for water distribution and treatment certifications. <i>Tony Fields, OHA</i> <div>w</div>	<b>DEQ Roundtable</b> Discussing CWSRF (what’s a “LIRF”!?), What to expect when your inspected, Biosolid reporting, Permit scheduling, and more! <i>Tiffany Yelton-Bram &amp; Kimi Gryzb, DEQ</i> <div>ww</div>	
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			
<b>Tracer Wire Systems to Locate</b> Tracer wire systems 101, installation, components, methods, and new technologies for water and wastewater. <i>Geoff Robinson &amp; Steve Causseaux, Cimco-GC Systems</i> <div>w/ww</div>		<b>On-Site Sodium Hypochlorite Generation:</b> A safe and reliable disinfection alternative to bulk sodium hypochlorite and gas chlorine. The newest changes to this technology, lessons learned, and the advantages. <i>Ethan Brooke, UGSI Solutions, Inc.</i> <div>w/ww</div>	<b>Reporting, Permits and Other Interests</b> Annual water use, single or multi-well, multiple permits, certificate, expiration dates, etc., and Water Management Conservation Plans. <i>Tamara Smith &amp; Jeffrey Pierceall, WRD</i> <div>w</div>	<b>DEQ Wastewater Operator Certification Basics</b> 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> <div>ww</div>	
5 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 <div>w/ww</div>			
7:30–10 pm		Join OAWU for a bonfire, horseshoe games and camaraderie on the beach (weather permitting)!			



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

NECANICUM

RIVERSIDE A

RIVERSIDE B

SEASIDE A/B

**8–9:30 am 0.15 Training Sessions**
**Project Inspections**

How to prepare for and properly conduct construction inspections. The importance of implementing and using construction and materials specifications and standards.

*Mike Edwards, City of Bend* w/ww

**Water Quality Improvements with Active Tank Mixing**

Active mixing in storage tanks to improve water quality, reduce disinfectant loss, water age, prevent tank icing and remove THMs from finished water.

*Ethan Brooke, UGSI Solutions, Inc.* w

**AMI Options**

Consider various options application and benefits of AMI.

*Drew Baird, Consolidated Supply*

w

**Control Valve Basics**

Hydraulic control valves—how they're built, how they work, and where they're used.

*Steve Causseaux & Geoff Robinson, Cimco-GC Systems*

w/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**
**Project Inspections**

(continued)

**Large Fuel Spills: How do they affect your system?**

How a large-scale fuel leak affected one City's systems. Would you be ready to protect your system from gasoline? Gasoline infiltrating your Collection System? Gasoline seeping into your waterline trench? What went good? What could be improved on?

*Matt Johnson, City of Monmouth*

w/ww

w/ww

**Service Line Inventories**

How to prepare for and complete the new service line inventory requirement for the LCRR.

*Kari Salis, OHA-DWS*

w

**Deficiencies: How to Avoid Them**

The most common significant deficiencies during water system surveys and tips to avoid them.

*Nicole Alfafara, OHA-DWS*

w

**Managing Aging Control Valves**

Explore many different problems we face with aging control valves and solutions.

*Geoff Robinson & Steve Causseaux, Cimco-GC Systems*

w/ww

**If Check Valves Were Cars**

Explore check valve types, their uses, and new technologies.

*Geoff Robinson & Steve Causseaux, Cimco-GC Systems*

w/ww

**12–1:30 pm Lunch**

RIVERSIDE A

RIVERSIDE B

**1:30 pm–3 pm 0.15 Training Sessions**
**Communicating with Engineers**

What your engineers really need to know and how you can communicate your desires to them. AI/ML Technology for small systems change how operate.

*Mike Grimm, P.E., West Slope Water District* w/ww

**Math for Operators**

Basic math concepts and formulas for water and wastewater operators including areas, volume, conversions, pounds, formulas, velocity, flow, head and hydraulics.

*OAWU Staff*

w/ww/os

**3–3:15 pm Break**
**3:15–5 pm 0.175 Sessions continue**
**Investment Strategies for Water Infrastructure**

Proactive strategies for transferring utility infrastructure to investment opportunities including venture capital, municipal green bond funds, and insurance.

*Robert O'Connell, My Utility Claim Inc.*

w/ww

**Math for Operators (continued)**

w/ww/os



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



7-8 am		Continental Breakfast					
NECANICUM		RIVERSIDE A		RIVERSIDE B		SEASIDE A/B	
8-9:45 am		0.175		Training Sessions			
<b>System O&amp;M</b> Operate and maintain a water/ wastewater system. Consider paperwork, critical parts inventory, budget, training, staff succession, delegating tasks, reports and tracking, staff, council/ board communication and public relations. <i>OAWU Board</i> <i>(Mike Edwards &amp; Matt Johnson)</i> w/ww		<b>Strategies for Managing Aging Infrastructure</b> Case study of a small municipality's struggles and adventures. Developing plans and securing funding. Challenges faced when navigating state and federal funding options. Day to day operations and master planning. <i>Leo Newberg, Inn at Otter Crest</i> w/ww		<b>Know What You Have to Know: Creating A Water Rights Inventory to Meet Deadlines/Required Conditions Including WMCPs</b> Importance of managing and protecting your water rights and meeting WMCP and green light water requirements. <i>Laura Schroeder, Schroeder Law Offices</i> w		<b>Locating the Unknown</b> Conventional methods of locating with standard pipe and cable locators and new methods for the pipe that can't be found. If time allows we can go outside and perform some of the techniques. <i>Nick Frappier, NW Hydro Vac</i> w/ww	
9:45-10 am		Break					
10-12:00 am		0.2		Training Sessions			
<b>OSHA Inspections</b> What to expect during an inspection and how to prepare for an OR-OSHA inspection. <i>Larry Fipps, OSHA</i> w/ww		<b>Acoustic Leak Detection and Smart Water Meters</b> 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		<b>Who's the Boss? Public and Private Entity Requirements for Meetings &amp; Records</b> Board training - general responsibilities, liabilities and properly taking care of and retaining good employees. <i>Laura Schroeder, Schroeder Law Offices</i> w/ww		<b>The Role We Play for Emergencies</b> Emergency ready? Fire, earthquake, snow, flooding. We will talk about emergencies from the 30,000 foot level. Resources, volunteer work force, grants, equipment, and further education. <i>Dan Weitzle, City of Manzanita</i> w/ww	
12:00-12:15 pm		0.025		Closing Session: In Step (continued) Positional responsibilities and relationships in a well-run water or wastewater system. <i>Jason Green, OAWU</i> w/ww			

## Conference Policies

**Early Bird Registration:** Receive a \$30 discount for each full conference registration postmarked by July 21, 2023. 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](mailto:office@oawu.net).



# 29<sup>th</sup> 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"/>	Risk Assessment & Emergency Response (0.4 W/WW CEUs) 8am – 12pm	FREE
<input type="checkbox"/>	Emerging Contaminants PFOS (0.3 W/WW CEUs) 1pm – 4pm	FREE
<input type="checkbox"/>	Cross Connection Specialist Update (0.6 W CEUs) 9am – 4:45pm	\$120

## Full Conference (Tuesday-Thursday)

Conference Registration	Early Bird (postmarked by July 21)	Standard (postmarked after July 21)
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			

Do you need golf clubs? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Right-Handed <input type="checkbox"/> Left-Handed
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**Total Conference Fees**

☐ Payment Enclosed ☐ Purchase Order: PO # \_\_\_\_\_ ☐ Please Invoice

If paying by credit card, please use PayPal at [www.oawu.net](http://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](mailto:office@oawu.net)

### REGISTRATION POLICIES

If you register for the 29th 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.

# 29th Annual Summer Classic Conference

August 21–24, 2023

Information & Registration: [www.oawu.net](http://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.