



OREGON ASSOCIATION OF WATER UTILITIES

25th Annual  
Summer Classic  
Conference

Seaside Convention Center

August 19–22, 2019

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, continental breakfasts, lunch, and barbecue dinner.

### 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 Effective Utility Management course. 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 0.6 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
- Continental breakfast Wednesday and Thursday
- Golf scramble Wednesday with shotgun start at 1:30 pm
- Many raffles and door prize giveaways!



## OAWU Fundraiser Raffle Items

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

The rifle is a Kimber 84 Hunter .308 Win. stainless 22" with Leupold 3.5 10x40 Boone & Crockett Matte black w/mounts

The TV is an LG 50" UHD ThinQ AI.

Drawings to be held Thursday during the closing session.



# OAWU'S ANNUAL GOLF SCRAMBLE



## Gearhart Golf Links

Wednesday, August 21st, 2019 • Shotgun Start 1:30 pm

Registration \$85 per golfer • Sign up on conference registration form

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, 2019 Pre-Conference UP TO 0.6 W / WW CEUs

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, ESAC #3577

0.6 W | 0.4 WW

9:00 am – 4:30 pm

#### Effective Utility Management

Look at challenges such as aging infrastructure, growth, and adequate revenues that reflect true operational costs. The ten key management areas, assessing your strengths and weaknesses. Learn well-rounded water and wastewater utility management approach.

Scott Berry, OAWU

0.6 W/WW

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, ESAC #3388

0.6 W

9–9:30 am	0.05	<b>Opening Session: Building Opportunities for your Water and Wastewater Utility Operators</b> Improving operations through professional growth and effective use of personnel at your water and wastewater utility. <i>Jason Green, OAWU</i>				W/WW
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 and Jason Green, OAWU</i>				W/WW
10:45–11 am		<b>Break</b>				
11 am–12 pm	0.1	<b>Training Sessions</b>				
		<b>RIVERSIDE A</b> <b>Can Engineers Be Useful to Operators (Other Than as a Boat Anchor)?</b> How can engineers help operators and operators help engineers without stumbling over each other? This session will explore helpful ways both can co-exist to bring value and efficiency to optimize water or wastewater system performance. <i>Mike Grimm, West Slope Water District</i>	<b>RIVERSIDE B</b> <b>Flexible Drop Pipe – Saving Money Pumping</b> Flexible Drop Pipes results in energy savings for your well and permanent and temporary applications for wastewater. Considering corrosion resistance, lack of scaling and more. <i>Carlos Guerra, Hose Solutions, Inc.</i>	<b>RIVERSIDE C</b> <b>State Revolving Loan Fund</b> Oregon's low-cost loans to community and nonprofit non-community water systems for planning, design and construction of drinking water infrastructure improvements. <i>Adam DeSemples, OHA-DWS</i>	<b>SEASIDE A/B</b> <b>Plant Startup Testing Case Study and DEQ Perspective</b> Coos Bay plant startup, getting through testing, and DEQs perspective on the process and procedures. <i>Tim Caire, DEQ</i> <i>Jan Kerbo, City of Coos Bay</i>	W/WW W/WW W WW
12–1 pm		<b>Lunch with Exhibit Time: The latest applications, equipment, tools, and techniques in our industry</b>				
1–2 pm	0.1	<b>Training Sessions</b>				
		<b>RIVERSIDE A</b> <b>Combination Trucks</b> Alternatives to traditional combination/jet-vac trucks. Safety, weather and space restrictions, budgets, and productivity goals. <i>Shawn Patrick, Owen Equipment</i>	<b>RIVERSIDE B</b> <b>Build and Fund an Asset Management Program</b> Resilient Mobile GIS based Asset Management. Case studies - how local govt. entities are using these technologies to streamline their business and manage resources <i>Arnab Bhowmick, AAKAVS AKTIVOV</i>	<b>RIVERSIDE C</b> <b>Certification Update</b> Reviewing certification rules and requirements for water distribution and treatment certifications. <i>Tony Fields, OHA-DWS</i>	<b>SEASIDE A/B</b> <b>DEQ Wastewater Operator Certification Basics</b> The application and certification process, tips to avoid mistakes, where to find the information you need on DEQ's website, and an opportunity for program feedback. <i>Kimi Gryzb, DEQ</i>	W/WW W/WW W WW
2–3 pm	0.1	<b>Training Sessions</b>				
		<b>RIVERSIDE A</b> <b>Nozzle Selection for Hydroexcavation</b> Proper nozzle selection based on application and differentiate the relationship between RPM, GPM and PSI. Also, considering safety and proper operations of nozzles. <i>Eric Lundy, Owen Equipment</i>	<b>RIVERSIDE B</b> <b>Build and Fund an Asset Management Program</b> (continued)	<b>RIVERSIDE C</b> <b>Certification Update</b> (continued)	<b>SEASIDE A/B</b> <b>DEQ Roundtable</b> An informal opportunity to discuss any current topics of interest to OAWU members with DEQ regional staff and managers. <i>Nina DeConcini and DEQ Staff</i>	W/WW W/WW W WW
3–3:30 pm		<b>Break with Exhibit Time: The latest applications, equipment, tools, and techniques in our industry</b>				
3:30–5 pm	0.15	<b>Training Sessions</b>				
		<b>RIVERSIDE A</b> <b>Behind the SCADA Computer: Components of an Automated Control System</b> Control components in a SCADA system, how the SCADA system interfaces with plant equipment, and what to look for when problems arise. <i>Tim Boyd, TAG</i>	<b>RIVERSIDE B</b> <b>Finance Roundtable</b> Panel Discussion of funding opportunities for water and wastewater systems. Concludes with Q&A to allow systems to discuss their specific projects. <i>Live Oak Bank, CoBank, DEQ, OHA, Business Oregon, USDA-RD</i>	<b>RIVERSIDE C</b> <b>Role of Smart Tanks in Distribution Water Quality Management</b> Utilize water storage tanks as water quality intervention points. Tanks provide the perfect intervention point to solve THM spikes and low disinfectant residuals. <i>Ivan Hartanto, UGSI Solutions, Inc.</i>	<b>SEASIDE A/B</b> <b>Mitigating Contaminants</b> Industrial and Pre-Treatment world, septic haulers, and other toxic dumping including Crystal Meth. How to get a dead plant restarted from toxicity. <i>Becky Haugen, BioLynceus</i>	W/WW W/WW W/WW WW
6:15 pm		<b>Golf Tournament Meeting</b>				
5:30–7:30 pm	0.1	<b>Dinner with Exhibit Time: The latest applications, equipment, tools, and techniques in our industry</b>				W/WW
7:30–10 pm		<b>Join OAWU for a bonfire, horseshoe games and camaraderie on the beach—bring a chair! (Weather permitting)</b>				

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

**8–9:30 am 0.15 Training Sessions**

<p><b>RIVERSIDE A</b>  <b>Renovating and Maintaining Steel and Concrete Storage Tanks</b>                  Six benefits of full-service preventive tank maintenance programs: single source responsibility, balanced funding, evaluation and planning, regulatory &amp; GASB 34 compliance, annual inspection and maintenance, and emergency repair service.  <i>Jeff Austin, Suez</i> <span style="float: right;">w/ww</span></p>	<p><b>RIVERSIDE B</b>  <b>Smart Meters, AMR, and AMI</b>                  Addressing non-revenue water using smart meters and the AMR and AMI meter reading technologies.  <i>Tim Owens, Correct Equipment</i> <span style="float: right;">w</span></p>	<p><b>RIVERSIDE C</b>  <b>Coatings update - The Latest Innovations in Coating Technology.</b>                  Material that cures under water? Coat sweating pipes? Don't want to ever paint your tanks again? Learn about the newest technologies and coating materials designed to control corrosion, provide longer life cycles, and lower maintenance costs. <i>Ron Watts, PPG Industries</i> <span style="float: right;">w/ww</span></p>	<p><b>SITE TOUR</b>  <b>Seaside Water Plant</b>                  Understand the operation and management of a conventional water plant.  <i>Ron Wanner, City of Seaside</i> <span style="float: right;">w</span></p>	<p><b>SITE TOUR</b>  <b>Seaside Wastewater Plant</b>                  Understand the operation and management of an activated sludge ww treatment plant that uses UV, oxidation ditch, and biosolids digester.  <i>Tony Biamont, City of Seaside</i> <span style="float: right;">ww</span></p>
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**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**

<p><b>RIVERSIDE A</b>  <b>Water Well Maintenance – The Asset Management Approach</b>                  The use of innovative well rehabilitation technologies and an annual treatment approach to well maintenance will extend the useful service life, maintain an established production rate, and lower pumping costs.  <i>Jeff Austin, Suez</i> <span style="float: right;">w</span></p>	<p><b>RIVERSIDE B</b>  <b>Asphalt Use in Utilities: Code of Practices</b>                  The “why we use” and the “where we use.” We will discuss the most recent innovations; special materials for extended service life, and the latest in the code of practices for asphalt for the water and wastewater industry. <i>Bill Bailey, EZ Street/Lakeside Industries</i> <span style="float: right;">w/ww</span></p>	<p><b>RIVERSIDE C</b>  <b>Confined Space and Hydrant and Valving Needs</b>                  This class will cover safety concerns and utility needs for entering and working around a confined space. Then will look at basic hydrant and valve use, maintenance, and repair.  <i>Frank Ray, EJ</i> <span style="float: right;">w/ww</span></p>	<p><b>SITE TOUR</b>  <b>Warrenton Water Plant</b>                  Understanding the operation and management of a membrane plant.  <i>Bob Bingham, City of Warrenton</i> <span style="float: right;">w</span></p>	<p><b>SITE TOUR</b>  <b>Warrenton Wastewater Plant</b>                  Understanding the operation and management of a Sequencing Batch Reactor Wastewater Treatment Plant.  <i>Kyle Sharpstein, City of Warrenton</i> <span style="float: right;">ww</span></p>
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**12–1:30 pm Lunch Break**

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

<p><b>RIVERSIDE B</b>  <b>Job Site Safety</b>                  Discuss the everyday safety topics that utility workers undergo while performing both routine and non-routine tasks. Reduce complacency in the workplace and injuries to the employee and contractors. <i>Tim Tice, Scott Berry, OAWU</i> <span style="float: right;">w/ww</span></p>	<p><b>SEASIDE A/B</b>  <b>Math for Operators</b>                  Utility operations math. Practical day-to-day math for the water and wastewater operators. Bring your calculator and questions.  <i>Mike Collier, OAWU</i> <span style="float: right;">w/ww</span></p>
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No classes in Riverside A or C 1:30 – 4:45 pm

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

<p><b>RIVERSIDE B</b>  <b>Job Site Safety</b>                  (continued) <span style="float: right;">w/ww</span></p>	<p><b>SEASIDE A/B</b>  <b>Math for Operators</b>                  (continued) <span style="float: right;">w/ww</span></p>
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**Annual Golf Scramble**  
 1:30 to 6 pm • See page 3 for details

7–8 am <b>Continental Breakfast in the Exhibit Hall</b>			
8–9:45 am 0.175 <b>Training Sessions</b>			
<p><b>RIVERSIDE A</b></p> <p><b>Water Rights Extensions &amp; Conservation/ Management Plans</b> The extension and WMCP process related to the domestic water purveyor and what options may be available to continue water development. <i>Laura Schroeder, Schroeder Law Offices</i> w</p>	<p><b>RIVERSIDE B</b></p> <p><b>System O&amp;M</b> Operate and maintain a water and/or wastewater system. From paperwork you keep, critical parts inventory, budget, training, staff succession, outlining and delegating tasks, reports and tracking, staff and council/ board communication and public relations. <i>OAWU Board (Mike Edwards, Tim Lyda, Mark Beam, Matt Johnson, Ed Pugh)</i> w/ww</p>	<p><b>RIVERSIDE C</b></p> <p><b>Chemical Feed Pumps and Flow Meters</b> Water and Wastewater chemical feed pump application, operation, maintenance and installation. Specifying and understanding flowmeters. <i>Phil Pelletier, Furrow Pump</i> w/ww</p>	<p><b>SEASIDE A/B</b></p> <p><b>CMOM really knows best!</b> An overview of Albany's operation, maintenance and capital repair programs, and lessons learned in developing and implementing a CMOM plan. <i>Kristin Preston, Lori Schumacher, City of Albany</i> ww</p>
9:45–10 am <b>Break</b>			
10–11:45 am 0.175 <b>Training Sessions</b>			
<p><b>RIVERSIDE A</b></p> <p><b>Public Meeting Procedures and Municipal Board Governance</b> Address specific components and requirements for conducting public meetings, structuring the meeting, and information requirements for public participation. <i>Laura Schroeder, Schroeder Law Offices</i> w/ww</p>	<p><b>RIVERSIDE B</b></p> <p><b>Lessons Learned in Program Management and Accountability</b> Top ten lessons learned going from the regulator to the utility manager; the good, bad, and ugly. The Albany Distribution Preventative Maintenance and Accountability Program with lessons learned. <i>Karen Kelley, Jeff Kinney, City of Albany</i> w/ww</p>	<p><b>RIVERSIDE C</b></p> <p><b>Groundwater Basics and Source Water Protection</b> Origin of groundwater, how groundwater moves through the subsurface, a description of aquifer materials and well construction. Source Water Protection: what goes into a Source Water Assessment, how OHA and DEQ are conducting updates, and how to utilize them to identify and implement protection strategies. <i>Tom Pattee, OHA - DWS</i> w</p>	<p><b>SEASIDE A/B</b></p> <p><b>Pro-Biotic Dredging®</b> Sludge removal, how to determine your cost and new and accepted alternatives to mechanical extraction processes, including Pro-Biotic Dredging® for the removal of sludge deposits. This will include how sludge calculators can help determine sludge levels. <i>Becky Haugen, BioLynceus</i> ww</p>
11:45–12:15 pm 0.05 <b>Closing Session: Building Opportunities for your Water and Wastewater Utility Operators</b> <i>continued</i> Improving operations through professional growth and effective use of personnel at your water and wastewater utility. <i>Jason Green, OAWU</i> w/ww			

## Conference Policies

**Early Bird Registration:** Receive a \$30 discount for each full conference registration postmarked by July 18, 2019. Early Bird registrations may be billed or contain a purchase order number.

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



# 25<sup>th</sup> Annual Summer Classic Conference • August 19-22, 2019

## Conference and Pre-Conference Registration

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

Oregon Association of Water Utilities

Full Name \_\_\_\_\_

Name preferred for name badge \_\_\_\_\_

Water Cert. # \_\_\_\_\_ / \_\_\_\_\_ Wastewater Cert. # \_\_\_\_\_ / \_\_\_\_\_  Not Certified

System / Company \_\_\_\_\_

System Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

System Phone \_\_\_\_\_ System Email \_\_\_\_\_

### Pre-Conference (Monday)

Course	System ID #41-_____	Fee
<input type="checkbox"/> Small Water System Training Course (0.6 W/0.4 WW CEUs)		FREE
<input type="checkbox"/> Effective Utility Management (0.6 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 18)	Standard (postmarked after July 18)
OAWU Member	\$295	\$325
Non-Member (non-members receive a one-year individual membership with conference registration)	\$395	\$425
<b>TOTAL REGISTRATION FEES</b>		

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

Wednesday Golf Scramble Registration	Quantity	Fee	Subtotal
Golf Players (up to 4)		\$85	
Name: _____ Name: _____		Per player	
Name: _____ Name: _____			
<b>Gearhart Links Golf Course TOTAL GOLF REGISTRATION FEES</b>			

**Total Conference Fees**

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

If paying by credit card, please use PayPal online at [www.oawu.net](http://www.oawu.net) or call the OAWU office for processing and receipt.

Fax receipt to: (fax number) \_\_\_\_\_     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 POLICY

If you register for the 25th Annual Summer Classic Conference and fail to attend without providing OAWU with a 30-day prior notice (no later than Monday, July 22, 2019), NO REFUNDS will be issued and/or you will be billed for a full 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.

# 25th Annual Summer Classic Conference

August 19–22, 2019

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.