

## 2024 Oregon Onsite Wastewater Conference

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Bend, OR 97702

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**2024 OREGON ONSITE WASTEWATER CONFERENCE**  
**Your Place for Continuing Education & Networking**



# 2024 OREGON ONSITE WASTEWATER CONFERENCE

Your Place for Continuing Education & Networking

Earn 12 CEUs | Dinner Auction | Raffle | Tradeshow | ROE-D-HOE®

April 5 & 6, 2024

Seaside Civic & Convention Center, Seaside, OR

Discounted Lodging (based on availability) Holiday Inn Express Seaside | Kathryn Riverfront Inn

REGISTER BY MARCH 29<sup>TH</sup> – WWW.O2WA.ORG



CEUs	Schedule	Classes
<b>Friday, April 5th</b>		
	7:00 – 8:00	Registration Desk Open / Equipment Rodeo Check In / Breakfast
	7:00 – 10:30	Exhibitor Set Up
	8:00 - 8:30	Opening President Dennis Boeger, PE
0.1	8:30 - 9:30 Opening Session	Dennis F. Hallahan, P.E. (CT) Infiltrator Water Technologies <b>The Top Ten Septic Myths</b> - The myths seem to abound in the onsite industry more so than any other. This presentation will discuss various myths and then discuss the facts and science to address the common misconceptions. This will allow the decentralized industry to have a more professional stance and raise the level of the industry.
0.1	9:40 - 10:40 General Session	Edward Varga, E&A Systems –Discussion with Industry Professionals <b>Team Effort to Install a New System</b> Panel of industry professionals - We would like to bring to light what all it takes to get a system installed, the main steps in Designing — Permitting — Supplier — Installation — Regulator — Customer.
	10:40	Exhibit Hall Open / Break
0.1	11:00 - 12:00 General Session	Doug Dilley James Erlei Ferguson Installers <b>Onsite Investigation</b> Digging deeper into what we see when we drive up to a system with a potential issue. This course is intended to help all those who may be asked to identify issues with an on-site septic system. The objective of this course is to take what we see at first glance of a potential problem and evaluate what the root cause and possible repair solutions may be.
	12:00 – 1:30	Lunch / Exhibit Hall Open / ROE-D-HOE® Competition
0.1	1:30 – 2:30 Break Out Session 1	Eric Arritola SITECH Oregon <b>Trimble Siteworks Machine Guidance Module</b> This class will cover the solution for machine guidance on your excavator and layout that enables contractors to use the same hardware and software to perform a variety of tasks on the job site.
0.1	1:30 – 2:30 Break Out Session 2	Lisa MacGregor, DEQ Licensing Coordinator <b>Your DEQ Online - Your License database</b> DEQ has migrated from an obsolete database for licenses to an online portal where contractors can manage their license, renew & pay online among other activities. The presentation will help you navigate the new system.
0.1	2:40 – 3:40 Break Out Session 1	Kevin M. Sherman, SeptiTech, Inc. <b>Flow Equalization Basics</b> - Timed dosing allows flow equalization to work. Once flow equalization tanks have been inserted in a treatment train, all unit processes downstream of the insertion point have their estimated flow requirements changed from a demand to a time dosed basis.
0.1	2:40 – 3:40 Break Out Session 2	Corby Eden Program Analyst, DEQ Onsite Septic Program <b>E-Permitting Made EZ</b> This class is for help with the e-Permitting process. How to register, create an account, and utilize various functions. How to apply, navigate the system, and learn some tricks of the trade. Also, hear about some e-Permitting and Onsite Septic Program updates for 2024. Come with questions!
	3:40 – 4:10	Exhibit Hall Open / Break
0.1	4:10 – 5:10 General Session	Daniel Bush / Dan Buss <b>Precovers, Like ‘em or Not</b> Topic will cover the requirements for precover inspections, what the primary factors of an inspection are, where inspection responsibilities lie, how to prepare for a successful inspection and the importance of details. Presentation will be from the perspective and experience of both an installer and a regulator.



## BEACH PARTY - RECEPTION & DINNER - BRING THE FAMILY

Casual Fun Evening | Networking | Awards & Winners of the Roe D Hoe

“Fun”d Raising Auction for O2WA Scholarships

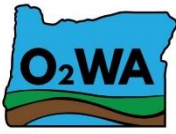
Plus, more...

CEUs	Schedule	Classes
<b>Saturday, April 6<sup>th</sup></b>		
	7:00 – 8:00	Exhibit Hall Open / Breakfast Buffett
0.1	8:00 – 9:00 Breakout Session 1	Kevin M. Sherman, SeptiTech, Inc. <b>Judging Aggregate Quality</b> - Fine and coarse aggregates are the most variable components brought to the site for constructing an onsite wastewater treatment system. This presentation will discuss the characteristics of a quality aggregate and how to evaluate them.
0.1	8:00 – 9:00 Breakout Session 2	Joe Rebori, Manager Inquiries & Engineering, BioMicrobics <b>Troubleshooting Wastewater Treatment Processes</b> - Session covers common process issues in wastewater treatment, and how to narrow down causes with an understanding of relationships between wastewater parameters including BOD, total nitrogen, alkalinity, and pH. Indicators of toxicity in biological processes are discussed.
	9:00 – 9:30	Exhibit Hall Scavenger Hunt / Break
0.1	9:30 – 10:30 Breakout Session 1	Steven Sinks, Orenco Systems Tanks, <b>Riser, and Lids / Safety</b> This topic will cover why structurally sound septic tanks are important. The selection of the right size septic tank and how to select the correct size access riser and lid for the septic tank along with some installation tips. It will also cover septic tank safety.
0.1	9:30 – 10:30 Breakout Session 2	Brian Rabe, CPSS, WWS, Elkhorn Consulting Groundwater <b>Nitrogen Assessment Tools</b> This presentation will examine modeling tools used to assess potential impacts from onsite sewage treatment systems on groundwater nitrate concentrations. These tools include the Soil Treatment Unit Model (STUMOD) developed by researchers at the Colorado School of Mines and the Large OnSite System (LOSS) model from the State of Washington.
0.1	10:45 – 11:45 Breakout Session 1	Paula Hartland, Oregon DOT <b>Everything ODOT</b> Regulation review for safe on-highway operation of your CMV's and record keeping requirements
0.1	10:45 – 11:45 Breakout Session 2	Brian Rabe, CPSS, WWS, Elkhorn Consulting <b>Nitrogen Treatment Processes and Tools</b> This presentation will provide an overview of the systematic nitrogen treatment processes typically used in onsite sewage treatment. Included will be approaches to optimize each step in the process in order to achieve the lowest practical concentrations in a consistent, self-adjusting, sustainable, and cost-effective way.
	12:00 - 1:00	Lunch Exhibitors Members Meeting Dennis / NOWRA Update Bob Sweeny
0.1	1:00 – 2:00 Breakout Session 1	Steve Rose, Anglers Septic & Excavation <b>Field Effluent Analysis.</b> How to collect and troubleshoot treatment systems Video reviewing how to collect effluent samples and perform PH/Temp/D.O./Turbidity Review of the equipment and how to properly use it. We will discuss what the results mean and how to correct a system to achieve the desired treatment result I will be focusing on the Residential ATT Systems Approved in Oregon.
0.1	1:00 – 2:00 Breakout Session 2	Heather Nielsen, Clackamas Soil and Water Conservation District Financial <b>Aid for Homeowners in Oregon</b> - As septic system repairs get more expensive; homeowners are looking for ways to help afford such a large upfront cost. There are financial aid programs throughout Oregon that can help homeowners with costly repairs. This presentation will outline the programs across the state and provide links for contractors to take back to their clients.
0.1	1:00 – 2:00 Breakout Session 3	Richard Hill, Sales Manager, TopCon Store Solutions - <b>MC Mobile for Your Mini Excavator Grade Control.</b> 3-in-1 for your jobsite efficiency and effectiveness with your compact equipment. This class will review how to measure, design, and build with one system.
0.1	2:15 – 3:15 Breakout Session 1	Brannon Lamp, Aqua Resource Design & Consulting, LLC <b>Alternative System Design, and Installation Techniques</b> - A review of Onsite Systems and components that are installed less frequently. Sound installation practices will be covered in the discussion.
0.1	2:15 – 3:15 Breakout Session 2	Kevin Riddle, Sweet Water Sanitation, LLC <b>Septic Pumping</b> Basic recommendations to perform as a septic pumper. Including requirements of the equipment and its operation in accordance with Oregon DEQ and DOT. Recommended performance of pumping service, evaluating site needs, safety, and system operations. Speak on septic lid safety.
	3:15 – 3:45	Break
0.1	3:45 – 4:45 General Session	Dennis Hallahan, PE, Infiltrator – <b>Troubleshooting Tanks</b> This presentation is from a series of NOWRA educational courses will discuss aspects and methods for troubleshooting tanks of various materials. It will also discuss troubleshooting the performance of tanks, such as: system backing up into the home, then there could be clogging due to various factors: roots, poor slope on inlet piping, bends, or possibly the pipe has settled, field inspection methods will be discussed to check these possibilities.
1.2	4:45	Conference Completed

**NOTE – Schedule and speakers subject to change without notification. CEUs approved by OESAC and OHLA.**

**Thanks to the Exhibitors that have signed up so far...**

- ◆ Craft3
- ◆ Davis Sales
- ◆ Ferguson Waterworks
- ◆ HD Fowler Company
- ◆ Infiltrator Water Technologies
- ◆ Michael's Precast Concrete, LLC
- ◆ Mike Hamer Inc, DBA Affordable Septic Systems - BioMicrobics
- ◆ NOWRA
- ◆ Orenco Water
- ◆ Peterson Cat / Sitech
- ◆ RepCo Sales Agency



**OREGON ONSITE**  
**WASTEWATER ASSOCIATION**  
www.o2wa.org

## Join US...

In September of 1994, the Oregon Onsite Wastewater Association was incorporated to give a voice to members of all disciplines and trades, to encourage the free exchange of ideas, to upgrade skills through education and training, and to promote the development of new and improved practices, policies, and uniform standards.

O2WA is a Full Affiliate Member of NOWRA. NOWRA is the largest organization in the U.S. dedicated to representing the onsite and decentralized wastewater industry. They work to protect water resources and promote the economic, environmental, and public health benefits of septic systems. NOWRA supports Oregon members through their “Locate a Professional” directory, OnDemand courses for CEUs and host an annual conference – coming to Spokane, WA in October of 2024...



Your participation is important. We ask members to get involved on committees and the board.

### **Members Discounts on Fees for Training and Conference**

The Oregon DEQ requires continuing education credits for maintenance of your certifications. The O2WA is facilitating timely and highly pertinent training programs throughout the state. O2WA members receive a discount at the Conference & Training Classes.

NOWRA On-demand classes at a discount as well. NOWRA members have access to up-to-date training and participate in initiatives to improve the quality of their onsite wastewater products, services, and regulations.

### **State Advocacy**

There are legislative issues that have significant importance to the Onsite Program. These legislative actions will directly affect O2WA members and their businesses. It is the goal of the board to keep the O2WA members informed. The board would like to help you with positive actions that keep your local legislators aware of our needs as an industry and promote onsite support in your community.

### **Industry News**

National and State news and valuable information delivered to our members via email and mailed.

### **SEPTIC LOCATOR Website Directory of our Members**

The companies and individuals listed on [www.septiclocator.com](http://www.septiclocator.com) are members of the National Onsite Wastewater Recycling Association (NOWRA) / Oregon Onsite Wastewater Association (O2WA).

### **O2WA Scholarship Program**

Each year the O2WA Members and their family may apply for a scholarship. Applications available online at [www.o2wa.org](http://www.o2wa.org).

**[www.nowra.org](http://www.nowra.org) / [www.o2wa.org](http://www.o2wa.org)**