



2024 OREGON ONSITE WASTEWATER FALL MINI CONFERENCE

Friday, November 1st

Sponsored by O2WA

Location: KNIFE RIVER TRAINING CENTER
35973 Kennel Rd SE, Albany, OR 97322



Earn 0.6 CEUs

Register online at www.o2wa.org

Join us for a one-day event - Fall Mini Conference for industry professionals including Regulators, Maintenance / service providers, engineers / designers, installation contractors, septic pumpers. This is going to be a unique venue at the Knife River Training Center.

Discount Lodging: Holiday Inn Express Albany 541-928-8820 Ask for the Knife River Rate.

Schedule / Classes (Topics and Speakers Subject to change without notification):

TIME	COURSE TITLE	SPEAKER	SUMMARY/ABSTRACT
8:15-9:15 0.1 CEU	SH** You Should Know	Christina Tisdell, REHS Polk County Nate Tisdell, REHS Linn County	What regulators are looking for when installing and maintaining a septic system. This presentation will incorporate the Kahootz quiz app to enhance the learning experience.
9:30-10:30 0.1 CEU	Design Layout	Edward Varga E&A System Inc.	You will learn layout and calculation – why and how we layout and install a system.
10:45 -12:00 0.1 CEU	Knife River Training Center Sewage Treatment System Tour and Talk	Brian Rabe, CPSS, WWS Elkhorn Consulting Co-Presenter Richard Taylor Septic Technologies	Presentation and tour of the sewage treatment system at that facility. The site required a variance with various system innovations to even be built. The class will cover the surge tank to store surplus flows, treatment system is a 3-pod AX20 system followed by a carbon-enhanced bottomless sand filter to reduce nitrogen concentrations.
12:00	LUNCH / EXHIBITS		
1:00 - 2:00 0.1 CEU	Troubleshooting Pump Systems	Scott Hammerschmith Orengo Systems	Training tailored to explanation of pump system operation, setting up system timers, and troubleshooting problems that can occur during startup or over time.
2:10 - 3:10 0.1 CEU	Soil & Site Conditions	James Richard Cassidy OSU - Crop and Soil Science	General Soil Characteristics affecting Effluent Treatment Soil Texture – Soil Structure
3:20 - 4:20 0.1 CEU	Hydrosplitter Hands-On Training	Micah Hozen New Creation Contracting	In this course will discuss the various uses and benefits of Hydrosplitters, as well as practical installation instructions.
4:30	CONCLUDE		

Fees / Limited Availability / Cancellation:

Current 2024 Member Earning CEUs: \$175.00 (not certain if you are a member email info@o2wa.org)

Non-member earning CEUs: \$420.00 (includes membership)

Regulators earning CEUs: \$125.00

Earning no CEUs: \$125.00

Speakers / Current O2WA Board Members: Free

Limited to the first 100 online registrations.

Cancel before October 24, 2024, for a full refund – email cancellation to info@o2wa.org.

Meet Our Presenters

James Richard Cassidy OSU - Crop and Soil Science Senior Instructor II Faculty Advisor for the OSU Organic Growers Club (OSU's Student Farm) since 2000. The farm project now has two vegetable production locations, a certified organic berry plot, a certified organic cherry orchard, and has formed support relationships with two local farms. Over 10,000 students have visited the farm(s) in the past 20+ years. Professor of the Year Award, Department Crop and Soil Science. (2006).

Scott Hammersmith Orenco Systems joined Orenco Systems in 2005 and currently serves as an R&D Engineer Tech. He has been instrumental in the Oregon launch of Orenco's AdvanTex product line, and the field training for residential AdvanTex installers and service providers in Oregon and around the nation. In fact, Scott has led the development of the Oregon Service Provider network. Scott earned his associate's degree in applied science from Umpqua Community College and has worked as a contractor doing site work, excavations, wastewater system installations, and general construction.

Micah Hozen, Owner, New Creation Contracting. Has 20+ years' experience in Construction as well as almost 10 years in Architectural Design. Currently owns and operates New Creation Contracting, specializing in Septic Design and Installation. He is a Licensed Contractor, Certified Septic Installer, as well as having a Limited Electrical License. Micah is also an instructor at Chemeketa Community College and presents the new and improved 2-day Septic Installers Certification Class.

Brian Rabe, CPSS, WWS, Elkhorn Consulting retired from Valley Science and Engineering (formerly Cascade Earth Sciences) in October 2022 after more than 35 years as a full-time consultant. He has a BS in Soil Science from Oregon State University. Much of his recent focus has been on designing systems to achieve very high levels of nitrogen removal. He continues to provide selected services in a semi-retired capacity as Elkhorn Consulting LLC. He now lives in Baker County, Oregon. When not serving clients, he is often working on his family's Tree Farm or hiking in the woods with either a camera, shotgun, bow, muzzleloader, or rifle.

Richard Taylor with Septic Technologies During his career that spans almost 4 decades, Richard has established his reputation for budding relationships with clients and consumers. Richard has extensive experience, delivers high quality service and solutions, and is great at ensuring that clients stay informed and connected. He has collaborated with Orenco and other named brands in the industry to establish the way things are done as a commercial septic technician. Starting out the portable restroom industry years ago gave him the skills that eventually led him to the commercial side of septic, where he is a staple and main stay in the industry today.

Nate Tisdell, REHS, holds a BS in Microbiology from the University of Wisconsin Eau Claire and a MS in Soil Science from Oregon State University. He joined Linn County as a regulator in 2015.

Christina Tisdell, REHS, is the Environmental Health Supervisor for Polk County, where she oversees the on-site, drinking water, and food pool and lodging programs. She holds a BS in Horticulture from Oregon State University.

Edward Varga, O2WA President, E & A SYSTEMS INC. has over 2 decades in the industry. Stated back in 2000 with an oversized cap-n-fill system. Over the last 20+ years Eddie has gone from designing onsite disposal systems, installing them, and maintaining them as well. He holds an Installers Certification, Maintenance Certification, Limited Plumbers License, and the Limited Electrical License. Over the past couple of years, he has been on the O2WA board as the installer's representative, and then also the Vice President/President Elect. of the O2WA. Eddie is an instructor at Chemeketa Community College and presents the new and improved 2-day Installers Certification Class.

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