



2021 FALL ONSITE WASTEWATER VIRTUAL MINI CONFERENCE

Friday, November 12th 9:30am - 3:30pm

Earn 0.4 CEUs - Register online at www.o2wa.org

This conference is for industry professionals including public health officials, O&M service providers, engineers, consultants, installation contractors, septic pumpers, and others interested in onsite wastewater management. You will learn about the latest in onsite wastewater industry issues and approaches to onsite wastewater management.

Join us online for our first ever Virtual Fall Mini Conference on November 12th! Registration includes access to all live sessions as well as access to the recordings after the sessions are completed. (Attendees must attend the live sessions and answer a "poll question" to receive credits.) 4 hours of class time. Earn up to 0.4 CEUs.

Continuing Education Units – Class Hours

All sessions will be presented in a LIVE webinar format. To receive credit for attending, you will need to be logged in to the live webinars AND there will be a poll question you will need to answer in each session. You will be able to earn up to 0.4 continuing education units during 4 hours of class time for both Maintenance Providers and Installers certification licenses.

SCHEDULE & CLASSES - Speakers and topics may change.

<p>9:30 a.m. – 9:40 a.m. Welcome and Orientation Belinda Rasmussen, Executive Director</p>	<p>12:00 p.m. – 1:00 p.m. Lunch Break Door Prize – 12nn Door Prize - 12:50</p>
<p>0.1 CEU - 9:40 - 10:40 Dennis F. Hallahan, P.E., Technical Director, Infiltrator Water Technologies Onsite Wastewater Treatment System Drainfield Malfunction: Causes, Investigation, Prevention, and Correction <i>The lifespan of an onsite wastewater treatment system drainfield is influenced by numerous factors, including siting, vertical separation distance, maintenance, wastewater flow volume, septic tank volume, as well as other factors. The presentation will review methodologies to diagnose problem site systems. This presentation will serve as a learning tool on the potential causes, how to investigate and once the problem is understood then recommending a proper solution. The presentation will review: Malfunction investigation basics, septic tank investigation, function of the tank, drainfield investigation, and malfunction issues and examples.</i></p>	<p>0.1 CEU 1:00 - 2:00 Scott Hammerschmith, Orenco Systems Troubleshooting Pump Systems <i>One hour training on how to diagnose pump performance issues, float switches, junction boxes, and control panels in field. Course covers basic troubleshooting methods.</i></p>
<p>10:40-11:00 – Break Door Prize</p>	<p>2:00 - 2:20 – Break Door Prize</p>
<p>0.1 CEU 11:00 - 12:00 Jena Ross, VP, Clean Water Program Manager, Craft3 Restart of the Loan Program in Oregon <i>DEQ's budget includes \$2MM to restart the septic system replacement loan program.</i></p>	<p>0.1 CEU - 2:20 - 3:20 Paula Hartland – ODOT <i>Hours of Service of Commercial Vehicle Drivers</i></p>

3:20 – Conclude Dennis Boeger, O2WA President



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Meet our presenters:

Dennis F. Hallahan, P.E. (CT) is the Technical Director of Infiltrator Water Technologies. Dennis has over thirty years of experience with the design and construction of on-site wastewater treatment systems. He has authored several articles for on-site industry magazines and has given numerous presentations nationally on the science and fundamentals of on-site wastewater treatment systems. Dennis also oversees a department that is responsible for product research and testing for both Universities and private consultants. The department develops system sizing charts for national and international codes and assists engineers in the design of large decentralized systems, some in excess of 1 million gallons per day. He received his MS in civil engineering from the University of Connecticut and his BS in civil engineering from the University of Vermont. Dennis is a registered professional engineer in Connecticut. He has been with Infiltrator Water Technologies for over 20 years and in his current position as Technical Director, he is responsible for the technology transfer between Infiltrator and the regulatory and design communities. Dennis also holds several patents for on-site wastewater products. Member ASCE, WEF, NOWRA, has served as chairman of the NOWRA Technical Practices Committee and also serves on the NOWRA Educational Committee. Dennis is also a member of the New England Water Environment Federation and serves on the Small Communities Committee.

DHALLAHAN@infiltratorwater.com
Infiltrator Water Technologies
860-577-7100

Scott Hammerschmith is a Product Manager with Orenco Systems® Inc., a wastewater equipment manufacturing firm based in Sutherlin, Oregon. In this role, he manages the development processes for new and existing Orenco products, with a focus on engineered systems. He was instrumental in the Oregon launch of Orenco's AdvanTex® product line and led the development of Oregon's AdvanTex Service Provider network. He has also been involved with several multi-stage AX-Max™ denitrification projects. Scott earned his associate degree in applied science from Umpqua Community College and has previous experience as a contractor doing site work, excavations, wastewater system installations, and concrete finishing. When he is not working, Scott enjoys family time with his wife and children, as well landscape photography and spending time outdoors.

shammerschmith@orenco.com
Orenco Systems, Inc.
800-348-9843

Paula Hartland is a Compliance Specialist with the Oregon Department of Transportation in Motor Carrier Safety. She began her career with ODOT 20 years ago in the registration office at the Woodburn Port of Entry. She has spent the last 13 years in the Salem Central Safety Unit conducting on-site compliance reviews of motor carrier operations, performing truck inspections, providing training to industry and law enforcement, and performing commercial vehicle crash investigations.

paula.hartland@odot.state.or.us
Oregon Department of Transportation in Motor Carrier Safety
503-250-3956

Jena Ross joined Craft3 in 2009 and is the Clean Water Program Manager. She managed the clean water program across Oregon and Washington and is the primary contact for state and local government and clean water contractors. In addition, she offers intensive hands-on customer service and provides guidance to other Craft3 Consumer Lenders on clean water program details. Prior to joining Craft3, Jena was Branch Manager at Raymond Federal Bank in Long Beach, Washington. She was with that institution for more than 20 years. Founded in 1994, Craft3 is a regional nonprofit that makes loans in Oregon and Washington that strengthen the resilience of businesses, families, and nonprofits, including those without access to traditional financing. We lend to growing and start-up businesses that make positive community impacts, and homeowners upgrading energy features or failing septic systems

jross@craft3.org
Craft3
888-231-2170, Ext. 171