ANNUAL OREGON ONSITE WASTEWATER FALL MINI CONFERENCE

Friday, November 8th & Saturday, November 9th
Best Western Plus Hood River Inn, Hood River OR.
Earn 0.6 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.

Conference includes Friday welcome reception, classes, breakfast, lunch and time with exhibitors. Each individual will receive a certificate of proof of attendance at the conclusion of this conference. Maximum number of CEUs available are 0.6.

CONFERENCE SCHEDULE & CLASSES

November 8th FRIDAY
5:00 p.m. – 6:00 p.m. Welcome Reception with Exhibitors

November 9th SATURDAY
7:00 a.m. Registration Open & Attendees Sign In

7:00 a.m. – 7:45 a.m. Breakfast with Exhibitors

7:45 a.m. – 8:00 a.m. Welcome and Orientation

8:00 a.m. - 9:00 a.m. Influent Waste
Presentation on influent waste strengths above residential levels, sources, and how to address these for DEQ permitted sites.
Presented by: Dennis J. Boeger, PE, CWRE, Boeger & Associates, LLC

9:10 a.m. - 10:10 a.m. Soils 101 for On-site
Understanding soil characteristics for designing and installing on-site drainfields.
Presented by: Nancy Darling, CPSS, LHG, Matrix Soils

10:10 a.m. – 10:30 a.m. Break

10:30 a.m. – 11:30 p.m. Large System Considerations
System design considerations for hospitality facilities (i.e. wedding venues, wineries/tasting rooms, B&B's, etc.
Presented by: Brannon Lamp, REHS, Aqua Resource Design & Consulting

11:30 p.m. – 12:30 p.m. Lunch

November 9th SATURDAY Continued
12:30 p.m. - 1:30 p.m. Why ATT's?- One hour covering the differences between traditional standard systems and ATT systems, and how/why they are applied in Oregon. Also discussion of ATT regulation in Oregon.
Presented by: Scott Hammerschmith, Orenco Systems

1:30 p.m. - 1:50 p.m. – Break

1:50 p.m. - 2:50 p.m. Pump System Design/Installation- One hour course on how to choose the right pump, filter, controller for various onsite applications and installation of these types of systems in the field.
Presented by: Scott Hammerschmith, Orenco Systems

3:00 p.m. – 4:00 p.m.
Plan Submittal Requirements
As sites become increasingly more complex, so does the plan requirements for a permit application. It is important to communicate to installers the requirements and expectations of a complete plan submittal for a permit application.
Presentation to include the following topics and discussions:

- **Discuss the key elements of a complete plan submittal for Alternative Systems.**
- **What is required by rule (OAR 340-071-0160)?**
- **Why is a complete plan submittal important?**
- **What DEQ considers a complete plan submittal for a permit application?**

Presented by: Jessica Joy, REHS Oregon DEQ Onsite Program

4:00 Conclusion

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REGISTER ONLINE AT WWW.O2WA.ORG

REGISTRATION FEE: Register online at www.o2wa.org Deadline to Register October 21, 2019. No refunds for cancelations after Oct. 21st. Registration fee includes educational sessions, tradeshow, reception on Friday (no host bar), breakfast & lunch on Saturday.
$160.00 per MEMBER Attendee / $185.00 per NON Member Attendee / $125.00 No CEUs. **REGISTER ONLINE AT WWW.O2WA.ORG**

LOCATION: Best Western Plus Hood River Inn
1108 E Marina Way - Hood River, Oregon 97031

GUEST ROOM RESERVATIONS: Make your reservations by October 21st to receive the discounted rate at the Best Western Plus Hood River Inn. Please contact the hotel for guest room reservations at (541) 386-2200.

MEET OUR PRESENTERS:

Dennis Boeger, PE, CWRE, Boeger and Associates
Dennis Boeger is principal of the engineering firm Boeger & Associates, LLC located in Eugene, OR. He has 25 years of experience in the evaluation, design, and construction management of small to large scale onsite wastewater systems across Oregon. His firm is also licensed in the neighboring states of Washington. Mr. Boeger is also assistant chairperson on the Willamette Valley Groundwater Management Committee, which was established over 10 years ago to address nitrates in the groundwater within a portion of the Willamette Valley. He currently serves on the Board of Directors of O2WA as Engineer.

Scott Hammerschmith, Orenco Systems Scott Hammerschmith joined Orenco Systems in 2005 and currently serves as the Engineered Systems Product Manager. He was instrumental in the Oregon launch of Orenco's AdvanTex product line and served as an Account Manager, Field Rep, and Systems/Sales Engineer in the Pacific Northwest. His responsibilities now include product development, improvement of existing products, and project management. 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 concrete finishing. Scott likes to spend his free time outdoors with family and friends.

Brannon Lamp, REHS, Aqua Resource Design & Consulting, LLC Brannon Lamp has attended Oregon State University and Portland State University. He holds a B.A. degree, as well as a B.S. in Environmental Science & Resources from Portland State, and has also completed Graduate studies in Education. Mr. Lamp's entry into the realm of Onsite Wastewater Treatment Systems occurred in 1999. His credentials include being a Registered Environmental Health Specialist (REHS) in the State of Oregon, as well as a Certified O&M Provider. He is also a Licensed Professional Onsite Wastewater Treatment Systems Designer in the State of Washington. Brannon is Past President and Treasurer of the O2WA board and past DEQ Technical Review Committee member. He currently owns and operates Aqua Resource Design & Consulting, LLC, actively providing environmental consulting and design of Onsite systems in Oregon & Washington.

Nancy Darling, CPSS, Matrix Soils Thirty years soils experience while working for the Olympic National Forest, Westinghouse Hanford, and State of Washington including 12 years in large and small on-site wastewater. Certified Professional Soil Scientist (CPSS) and licensed Hydrogeologist in Washington State. Presently President of Matrix Soils in Bend, OR.

Jessica Joy, REHS, NW Region Onsite Wastewater Management Specialist, Oregon DEQ Jessica Joye works for DEQ in the onsite program as the Northwest Region contact for technical and water pollution control facility assistance and variances. Prior to employment with DEQ, Jessica worked as an onsite wastewater specialist for Marion County. Jessica is a Registered Environmental Health Specialist and a member of Oregon Environmental Health Association and National Environmental Health Association. In 2005, Jessica earned a B.S. in Zoology and Rangeland Resources from Oregon State University.

REGISTER ONLINE by OCTOBER 21ST AT WWW.O2WA.ORG