



Draft Agenda

November 16-18, 2020



Monday, November 16, 2020

Opening General Session

Conference Welcome Remarks -- Carl Thompson, NOWRA President

EPA Update -- Andrew Sawyers, US Environmental Protection Agency Office of Wastewater

USDA Update -- Edna Primrose, US Department of Agriculture, Rural Development

Industry Lobbying Review -- Alan Wheat, Chair, Public Policy Practice, Polsinelli, LLC

Chesapeake Bay Cleanup and Onsite Systems -- Ann Jennings, Deputy Secretary of Natural Resources for the Chesapeake Bay, Commonwealth of Virginia

Expo Hall Open - Talk Live with a Supplier!

Afternoon Concurrent Sessions

Mini-Track	Planning	Regulatory Issues	Regulation in Virginia
2:00 pm - 3:40 pm	Planning for Sustainability: Case Studies for Improved Wastewater Decision-Making, <i>Victor D'Amato (50 min.)</i>	Property Transfer Evaluations in New Mexico since 2005, Managing the Process and Changes-the Good, the Bad & the Ugly, <i>Michael Broussard (50 min.)</i>	Identifying Wastewater Infrastructure Needs for the Commonwealth, <i>Lance Gregory (25 min.)</i>
	National Assessment of Onsite Wastewater Treatment Systems 2015-2018, <i>Cory Yarrington (25 min.)</i>	Wastewater Islands and Onsite O&M, <i>Danna Revis (50 min.)</i>	Virginia Onsite Sewage System Professionals Licensing Updates, <i>Trisha Henshaw (25 min.)</i>
	Straight Pipes in the US: Scope, Impacts and Solutions, <i>Mark Elliott & Jillian Maxcy Brown (25 min.)</i>		Department of Health - State Program Update, <i>Lance Gregory (50 min.)</i>
3:40 pm - 4:00 pm	Live Zoom Session for Q&A with the Speakers	Live Zoom Session for Q&A with the Speakers	Live Zoom Session for Q&A with the Speakers
5:00 pm - 6:30 pm	Social Event - Virtual Happy Hour w/Vendor Breakout Rooms!		



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Tuesday, November 17, 2020

Morning Concurrent Sessions

Mini-Track	COVID-19 and Wastewater	Funding & Program Assessment	CDL and Vac Truck Training	
9:00 am - 11:30 am	Impacts of COVID-19 on the Decentralized Industry and Regulatory Programs, <i>Sara Heger and Chris LeClair, (50 min.)</i>	Online Classes: 4th Bridesmaid or Golden Ticket, <i>Kevin Sherman (25 min.)</i>	NAWT Vacuum Truck Technician Training, <i>Bruce Fox (1 hour 40 min.)</i>	
	Panel Discussion: Just One More Worry - 11 Company Wastewater Owner/Operators from Across the US and Canada Discussing Issues During this Pandemic, <i>Moderator: Cindy Tiemann, (1 hour and 40 min.)</i>	Onsite Wastewater Research Funding - Texas Model, <i>Anish Jantrania (25 min.)</i>		
		Onsite Wastewater Research at Texas A&M University, <i>June Wolfe (25 min.)</i>		
		Macroinvertebrates as Indicators of Septic System Density, <i>Gary Hawkins (25 min.)</i>		
	Transitioning of Design Services - Virginia's Experience, <i>Lance Gregory (25 min.)</i>	CDL and DOT requirements for pre-/post-trip inspection, <i>Fred Yuhasz (50 min.)</i>		
11:30 am - 12:00 pm	Live Zoom Session for Q&A with the Speakers	Live Zoom Session for Q&A with the Speakers	Live Zoom Session for Q&A with the Speakers	
12:30 pm - 2:00 pm	Expo Hall Open - Talk Live with a Supplier!			

Afternoon Concurrent Sessions

Mini-Track	Reuse Technology	EPA Updates	Alcohol & Wastewater
2:00 pm - 3:40 pm	Fenner Nature Center Wastewater Treatment and Re-Use Project, <i>Larry Stephens (50 min.)</i>	EPA's Decentralized Wastewater Program Update, <i>Heidi Faller (25 min.)</i>	Wastewater in Brewing, <i>Jim King (50 min.)</i>
		Pathways to Success for Funding Decentralized Systems with the Clean Water State Revolving Fund, <i>Naomi Huff (25 min.)</i>	
	Reuse Comes to On-Site Systems, <i>Gary MacConnell (50 min.)</i>	EPA's Decentralized Wastewater Workforce Update, <i>Zach Lowenstein (50 min.)</i>	Identifying Challenges of Alcohol Processing Wastewater, <i>Lorna Withrow and Sushama Pradhan (50 min.)</i>
3:40 pm - 4:00 pm	Live Zoom Session for Q&A with the Speakers	Live Zoom Session for Q&A with the Speakers	Live Zoom Session for Q&A with the Speakers
4:00 pm - 5:00 pm	NOWRA Annual Business Meeting		
5:00 pm - 6:30 pm	Social Event - Virtual Wastewater Jeopardy! Via Zoom		



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Wednesday, November 18, 2020

Morning Concurrent Sessions

Mini-Track	Innovative Thinking	Reuse Regulation & Standards	Tanks and More
9:00 am - 11:30 am	Use of Permeable Reactive Barriers for Passive Nitrate Removal from Onsite Wastewater Effluent, <i>Bryer Manwell</i> (25 min.)	Development of Regulations for Rainwater Harvesting Systems Incorporating Human Consumption, <i>Anthony Creech</i> (50 min.)	Understanding Tank Buoyancy, <i>Kayla Hanson</i> (50 min.)
	Degradation of Commercial Hygienic Paper in a Septic Tank Environment, <i>Dominic Mercier</i> (25 min.)		
	The Art (and Maybe Science) of Creating a Nitrogen Mass Balance, <i>John Buchanan</i> (50 min.)	Turning Human Waste into Fuel and Disinfected Water, <i>Ed Osann</i> (50 min.)	Keeping What's In, In and What's Out, Out, <i>Kayla Hanson</i> (50 min.)
	ULTRON: Electro-Peroxone Process for Degradation of Wastewater Contaminants, <i>Leopold Dobelle</i> (25 min.)	Septic System Installation Permitting and Inspector During a Pandemic, <i>Chris LeClair</i> (50 min.)	Wastewater Treatment Myths, <i>Allison Blodig</i> (50 min.)
	Case Study-A SMARTER Way to Treat <i>Charles Otis</i> (25 min.)		
11:30 am - 12:00 pm	Live Zoom Session for Q&A with the Speakers	Live Zoom Session for Q&A with the Speakers	Live Zoom Session for Q&A with the Speakers
12:30 am - 2:00 pm	Expo Hall Open - Talk Live with a Supplier!		

Afternoon Concurrent Sessions

Mini-Track	Nitrogen	Standards and Measures	Treatment Topics
2:00 pm - 3:40 pm	Urine Diversion for Onsite Removal of Nitrogen and Pharmaceuticals, <i>Abraham Noe-Hays</i> (50 min.)	In-situ Liquid Storage Capacity Measurement of Subsurface Wastewater Absorption System Products, <i>Philip Brown</i> (25 min.)	Combined Treatment and Dispersal Systems: What, How and Why, <i>Dick Bachelder</i> (50 min.)
		A Study on BODs, <i>Jim King</i> (25 min.)	
	Basic Nitrogen Treatment Principles in Wastewater Systems, <i>Dave Lentz</i> (50 min.)	Panel Discussion - NSF Standards - Past, Present and Future, Moderator: <i>Ron Suchecki</i> (50 min.)	Eco-Responsible Solution for Onsite Wastewater Treatment: Comparative Life Cycle Analysis, <i>Marie-Christine Belanger</i> (50 min.)
3:40 pm - 4:00 pm	Live Zoom Session for Q&A with the Speakers	Live Zoom Session for Q&A with the Speakers	Live Zoom Session for Q&A with the Speakers

Conference Concludes; Courses available through 12/31/20