



CONFERENCE AGENDA

Sunday, October 13, 2019

Start	Finish	
12:00 PM	5:30 PM	Registration Open, <i>Front Range Ballroom Lobby</i>
1:00 PM	6:00 PM	Exhibitor Move-In, <i>Front Range Ballroom</i>
1:00 PM	5:00 PM	SORA Business Meeting - <i>Carter Lake A-B (lunch provided)</i>
2:30 PM	5:30 PM	NOWRA Board of Directors Meeting, <i>Big Thompson A-B</i>
6:00 PM	7:30 PM	Welcome Reception, <i>Hotel Atrium</i>

Monday Morning, October 14, 2019

7:00 AM	5:00 PM	Registration Open, <i>Front Range Ballroom Lobby</i>
7:00 AM	8:00 AM	Light Continental Breakfast, <i>Front Range Ballroom Lobby</i>
7:30 AM	11:00 AM	Exhibitor Move-In (cont'd), <i>Front Range Ballroom</i>
		Opening General Session, <i>River Birch A-B-C</i>
8:00 AM	8:30 AM	Conference Welcome: <i>Bill Tatro, CPOW; Bruce Fox NAWT; Matt Pace, SORA; Carl Thompson NOWRA</i>
8:30 AM	9:10 AM	Decentralized Water Reclamation: An Evolving Potential and Expanding Array of Applications <i>Dr. Robert Siegrist, Colorado School of Mines</i>
9:10 AM	9:50 AM	How NOWRA Represents Your Interests in Washington, DC, <i>Tracy Hammond, Polsinelli, LLC</i>
9:50 AM	10:10 AM	Break, <i>River Birch Lobby</i>
10:10 AM	10:40 AM	Update on EPA and the Decentralized Wastewater Program, <i>Martha Shimkin, EPA</i>
10:40 AM	11:10 AM	USDA's Rural Utilities Services Overview, <i>Edna Primrose, USDA</i>
11:10 AM	11:50 AM	Environmental Health & Onsite Wastewater: A Critical Partnership, <i>David Dyjack, NEHA</i>
11:50 AM	8:00 PM	Expo Hall Opens - <i>Front Range Ballroom</i>
11:50 AM	1:30 PM	Lunch Provided in Expo Hall, <i>Front Range Ballroom</i>
11:50 AM	1:30 PM	State Affiliates Committee Meeting, <i>Big Thompson (lunch provided)</i>



2019 MEGA-CONFERENCE AGENDA



Monday Afternoon, October 14, 2019

Track Topic		Education	Technical	Policy	NOWRA Troubleshooting	NAWT Septage Treatment
Track Number		1	2	3	4	5
Room		<i>River Birch B</i>	<i>River Birch C</i>	<i>Elderberry</i>	<i>Goldenglow</i>	<i>Snowberry</i>
1:30 PM	2:00 PM	Assessing Impact of Education on Public and Practitioners in Onsite Arena, Ryan Gerlich, Anish Jantrania	The Smarter Way to Treat, Charles Otis	EPA's Decentralized Wastewater Program Update USEPA, Zachary Lowenstein	Troubleshooting Changing Water Flows, Sara Heger	Analyzing Your Resources, Tom Frank
2:00 PM	2:30 PM		Algae Assisted Nutrient Removal in an Illuminated Septic Tank, Carlise Sorenson			
2:30 PM	3:30 PM	SSSA, CPSS and Life-long Learning, Luther Smith	Rocky Soils and Imported Treatment Sand; a Colorado Perspective Chuck Cousino	The Public Health Risks of Inadequate Wastewater Treatment, Danna Revis	Troubleshooting Septic Tanks, Claude Goguen and Dennis Hallahan	All the 'Other Stuff' You Need, Therese Wheaton
3:30 PM	4:00 PM	Break, Front Range Ballroom				
4:00 PM	4:30 PM	The University of Georgia On-Site Waste Treatment Demonstration and Training Facility, Chris Kumnick	Moving Bed Biofilm Reactor for Enhanced Denitrification, Keven Kelley	From NSFC to NOWIC, Anish Jantrania	Troubleshooting Septic Tanks Continued, Claude Goguen and Dennis Hallahan	Choosing an Engineer, Dave Gustafson
4:30 PM	5:30 PM	CPOW Annual Business Meeting, Aspen Daisy				
4:30 PM	6:00 PM	Technical Practices Committee Meeting, Big Thompson				
5:30 PM	8:00 PM	Taste Colorado! A Rocky Mountain Craft Beer, Spirits and Food Experience, Front Range Ballroom				



2019 MEGA-CONFERENCE AGENDA



Tuesday Morning, October 15, 2019

7:00 AM	1:30 PM	Expo Hall Open, Light Continental Breakfast (7:00 -8:00 am), Front Range Ballroom				
8:00 AM	11:30 AM	Registration Open, Front Range Ballroom Lobby				
Track Topic		Case Studies	CPOW	Policy and Funding	NOWRA Troubleshooting	NAWT Septage Treatment
Track Number		6	7	8	4	5
Room		<i>River Birch B</i>	<i>River Birch C</i>	<i>Elderberry</i>	<i>Goldenglow</i>	<i>Snowberry</i>
8:00 AM	8:30 AM	Treatment of Residential Gray Water with Eljen GSF Modules and #20 Filter Sand, Eric Daniels	Understanding Colorado Geology; A Powerful Tool for Site Evaluation, Matthew Hopkins	Challenges and Solutions for Rural Wastewater Management in the Alabama Black Belt, Mark Elliot	Troubleshooting Media Filters, Kevin Sherman	Accepting Septage at Your POTW, Tom Ferrero
8:30 AM	9:00 AM	Strategic Alliances: Decentralized and Centralized Treatment Working Together, Allison Blodig				
9:00 AM	10:00 AM	Wastewater Processing for the Cannabis Industry, Brenda Martinez	Design, Permitting and Construction of an Onsite System Meeting Non-Detect Limits for Total Inorganic Nitrogen, James Cochran	Funding Onsite Sewage System Repairs: A Proven Approach, Terry Hull	Microbiology in Advanced Treatment Systems, Sergio Abit	The Heart of the Matter - Dewatering Options Part 1, Kelly Brown
10:00 AM	10:30 AM	Break, Front Range Ballroom				
10:30 AM	11:30 AM	Wastewater in Marijuana Cultivation, Scott Moore	The Challenges of Compliance – What Happens When Enforcement is Ignored, Charlotte Hampson	Don't Forget About Funding Maintenance, Danna Revis	Troubleshooting Mechanical Treatment Systems, Ron Suchecki	The Heart of the Matter - Dewatering Options Part 2, Kelly Brown
11:30 AM	1:00 PM	Lunch in Expo, Front Range Ballroom				
11:30 AM	1:00 PM	NOWRA Education Committee and Online Training Taskforce Meeting, Big Thompson A				
1:00 PM	6:00 PM	Exhibitor Move-Out, Front Range Ballroom				



2019 MEGA-CONFERENCE AGENDA



Tuesday Afternoon, October 15, 2019

1:30 PM		3:30 PM		NOWRA BBP Partners and Lobbying Board of Governors, <i>Big Thompson A</i>							
Track Topic		Case Studies		Technical2		Septic Tanks		NOWRA Troubleshooting		NAWT Septage Treatment	
Track Number		6		9		10		4		5	
Room		<i>River Birch B</i>		<i>River Birch C</i>		<i>Elderberry</i>		<i>Goldenglow</i>		<i>Snowberry</i>	
1:00 PM	1:30 PM	Mitigating Pathogens: Managing Septage for Land Application Using Geo-textile Bags, Christine Gan		Evaluation of Chemicals of Emerging Concern at Rest Areas and a Land Application Site, Sara Heger		Microbially Induced Corrosion in Wastewater Tanks - Clearing Myths and Providing Solutions, Claude Goguen		Troubleshooting Pumps and Controls, Tom Fritts		Odor Control, Tom Ferrero	
1:30 PM	2:00 PM	Treatment of Michigan Winery Wastewater with Gravel Bed Vertical Flow Constructed Wetlands, Katelyn Scornia									
2:00 PM	2:30 PM	Using Algal Biofilms to Treat Onsite Commercial Wastewater at a Truck Stop, Daniel Johnson		Subsurface Fates of Contaminants from Onsite Septic Systems, Sergio Abit		Does Your Tank Hold Water? Explaining Watertightness for Precast Concrete Tank, Kayla Hanson		Troubleshooting Soil Treatment Systems, Randy Miles		What to do with the Water and the Solids, Dave Gustafson	
2:30 PM	3:00 PM	Compliance Nutrient Limitations in BOD & Load Variation with a MBR, Laura Marcolini									
3:00 PM		3:30 PM		Break, <i>Front Range Lobby</i>							
3:30 PM	4:30 PM	Design & Operation of a Decentralized System in an Australian Eco-Development, Ben Kele		Embracing Change- A Look at a Risk Based Approach to Regulating Onsite Decentralized Reuse, Joelle Wirth		Tank Buoyancy and Anti-Flotation Measures, David Lentz		Troubleshooting Examples, Jim King		Let's Get Started, Therese Wheaton	
5:00 PM		6:30 PM		NOWRA Annual Business Meeting & Reception, <i>Aspen Daisy</i>							
6:30 PM		8:30 PM		SORA Reception (<i>invitation only</i>), <i>Rocky River Bar & Grill</i>							

Wednesday October 16, 2019

8:00 AM	5:00 PM	Field Trip 1 - High Strength Wastewater Facilities (Bus loads near hotel lobby entrance)									
8:00 AM	12:00 PM	Field Trip 2 - County Permitted Commercial OWTS Utilizing Higher Level Treatment (Bus loads near hotel lobby entrance)									

Conference Concludes