



Missouri Smallflows Organization

OUTHOUSE POST

A Quarterly Publication

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Welcome Our New Staff Education Coordinator **MEADA RULON**



LOCAL ORGANIZATION OFFERS ONE-TIME \$60 REBATE FOR SEPTIC TANK PUMPOUTS

Watershed

CHECK THE "D" BOX



CONGRATS

Onsite Wastewater Treatment Program Team Honored as Employee of the Month





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WELCOME OUR NEW STAFF!

Meada Rulon has graciously taken on the new role of Education Coordinator. As all of you know, MSO has grown considerably in the past few years. It has become a challenge for me to keep up with all of your member needs and the bigger goals for the organization. The MSO Board of Directors has seen the need, and we searched for an Education Coordinator.

Meada Rulon is from Branson and is the wife of an OWTS Inspector, John Rulon. She is familiar with the industry and is excited to work in this new role with our group. She will be assisting in planning seminar classes, taking registrations and answering CEU questions. Please have patience as she will be learning some of this material over the next couple of months.

I am very pleased with this new addition to MSO. It has been a long-term goal of mine to build the association to sustain more staff to help us reach our goals. Plan to attend the 2025 MSO Conference & Trade Show to say "Hello" to Meada and welcome her!

Best regards,
Tammy Trantham
Executive Director



Meada Rulon

Education Coordinator

Missouri Smallflows
Organization

education@mosmallflows.org

417-631-4027



Tammy Trantham

Executive Director

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417-631-4027

A NOTE FROM THE PRESIDENT

MSO Members,

Cheers to surviving the summer! The heat has a stagnating effect on our work from time to time. As it starts to cool down, we can all push forward and try to wrap as many projects as possible up before the freeze hits. I don't know about the rest of the state, but the northwestern portion where I operate, we could really use some moisture. Funny saying that because rain is usually the enemy. But...its dry. Moving into the last quarter of the year we are sure to get some though. Hope everyone is well and has been productive when they look back to their year.

Happy to report the MSO Board of Directors and Committees have been busy as well. During our last 3 meetings we have primarily been focused on the upcoming conference, and happenings from around our state in our industry. Shoutout to the Conference Committee for the countless hours of work they have put in over the last few months as the conference grows nearer. This year's Conference is sure to be one that no one will want to miss. We have a very exciting Keynote Speaker this year. Also new this year at the Conference will be an Opening Welcome Reception to kick off the Roe-D-Hoe Trials! Roe-D-Hoe is always a good time, and this will give us more time for fun and fellowship. Be on the lookout for registration to drop soon.

The membership and education committees have been hard at work too. The membership committee has something special planned for the conference. This will be a surprise to all who attend. Progress has slowed slightly with curriculum development in the Education Committee, but this is as expected with all the members of this committee in their busy season it's tough to make time to build education curriculum. Would like to take a minute to recognize an individual though. Joey Meinert is a graduate student at MU who is on the committee and helping to develop curriculum. He has been a huge help to MSO and the Education Committee. He has put a few classes together for us already that are live, and he plans to have some more completed soon.

We had our second annual membership appreciation event at the Springfield Cardinals game last month it was a great time. All in attendance had many good laughs. I encourage you all to consider attending the event next year if you were not able to make it this year. Septic Smart Week was last month as well. MSO shared several videos through Facebook and had an event at the training grounds in Springfield. Big thanks to all who helped with this event. Anything we can do as professionals to bring awareness to our industry is huge. Hats off to Tammy as always for spear-heading this movement for us. We are growing as an organization, and everyone should keep in mind we are all in this together. I am certain I am forgetting a long list of accomplishments and tasks the board members and Tammy has completed this last quarter. However, I am writing this late, after a long day of hard work, so I need to wrap this up. I will say though, I am quite grateful to be a part of the growth of this organization, and proud to serve the members of MSO alongside the board members and our executive director. Hope this finds you all well, and pray for a safe & successful end of the work season to you all.

Thanks for the read,
Nick Dykes
MSO President



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Onsite Wastewater Treatment Program Team Honored as Employee of the Month at Department of Health and Senior Services

Article reprinted from DHSS Newsletter

The Onsite Wastewater team of instructors and support staff provide classroom training for onsite wastewater treatment professionals. The team is led by program manager Eric Folks along with Breanna Werdehausen, Rachelle Kuster, John Campbell, and Candi Roark. (Pictured below) The team is dedicated, effective, and efficient. They deserve recognition for their efforts for several reasons. First, while none of them are classically trained educators, they have honed their educator skills over the years and provide highly effective and engaging training. Course attendees must pass a test at the end of each course and attendees have extremely high rates of success passing the test. Feedback from course attendees indicates high levels of satisfaction—the percentage of positive feedback has exceeded 99% continuously since 2020. In fact, the last time negative feedback was provided by an attendee was SFY22—over 1,000 participants ago.

Demand for these courses has surged in recent years. In SFY17, the program trained 264 wastewater professionals. In SFY24, the program trained 517. The team accomplished this with fewer instructional and support staff than ever, utilizing larger class sizes, additional course offerings, and streamlining processes to meet demand.

It takes an average of 159 staff hours to prepare and deliver one week's worth of training. This often includes overtime, such as when Eric stays late to help struggling students. This does not include the countless hours spent coaching professionals on which courses to take and how to enroll. Those hours are equally important, as those initial interactions between prospective course attendees and DHSS staff set the tone for all future interactions.

In preparing this nomination I decided I should re-review the comments from individual attendee feedback forms. In the first form I reviewed from May 2024, the attendee commented "All instructors were knowledgeable, informative, and best of all fun! Can't wait until tomorrow. Advanced class." The second was "It went great and very good instructors kept my attention." The third was "Loved the course." On and on it went.

Congratulations Team!



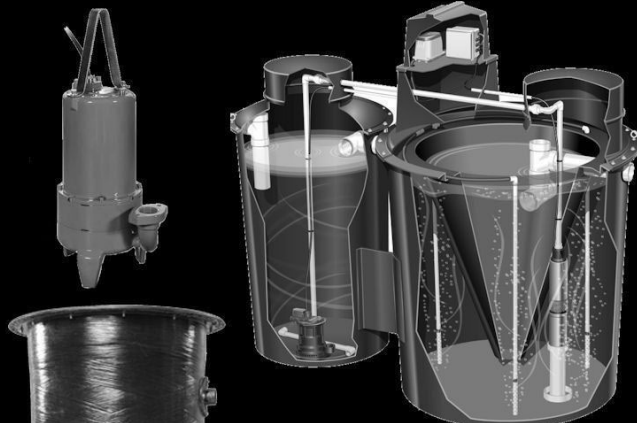
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CHECK THE “D” BOX

Written by Eric Folks, Onsite Wastewater Treatment Program

We all know an onsite wastewater treatment system will not last forever and proper maintenance is vital to the longevity of the system. Studies have shown that even distribution of effluent improves the functionality and maximizes the life of the soil treatment area (absorption field). When some people think about effluent distribution, they visualize complex mechanical components (pumps, floats, control panels and alarms), and the technology behind these products strikes fear in their minds. However, complex mechanical forms of distribution are not the only option. Pressure distribution for both conventional and alternative systems may be ideal, but non-mechanical components can provide even effluent distribution throughout the soil treatment area if operated and maintained properly.

As a former installer I have uncovered many different “distribution methods” when replacing an onsite system. I am sure most of us could tell story after story about crazy designs we have seen in the field for dispersing effluent. They usually fail. Even though I am on the other side of the fence as a regulator, I am still seeing a need for proper installation and maintenance of distribution devices.

I previously visited the southwest and northeast regions of the state to evaluate the performance of conventional systems. The systems in the northeast had been hit hard by weeks of heavy rain. Over 80% of the systems evaluated were functioning as designed. Of the systems that were not functioning properly, all had non-mechanical distribution device problems. Hydraulic overloading was occurring in some trenches while other trenches on the site were dry. This was the result of the ground settling and/or improper installation around the distribution box.

Although a distribution box is not a mechanical device it still needs periodic maintenance. Burying these devices is causing early system failure for many homeowners. Burying a distribution box is akin to welding the hood of your truck shut. In both cases neither one will be opened for routine maintenance. That is, until there is massive failure; until there is a problem that disrupts everyday life and only then will something be done. In either case, fixing the problem costs more than the simple maintenance would have. Having distribution box access brought to the surface is the cheapest and easiest way to monitor and adjust as needed. Installing a new onsite system is costly, but replacing the soil treatment area due to a 10 minute semi-annual maintenance issue that was never addressed is not cost effective.

Given the skills and equipment required for the job, onsite professionals can/should be well-compensated for their efforts. But there is another major reason competent onsite professionals are highly valued—they complete tasks the average property owner is unwilling to do. To most property owners, once the stool is flushed, the problem is gone and life is good. They do not understand that maintenance of these systems is a must. Going back to the truck analogy, why would anybody spend thousands of dollars on a truck and not provide routine maintenance? So why do they neglect their onsite wastewater systems? There are reminders to owners to have the vehicle serviced when the time is right. There are sensors ranging from least importance to high importance such as low washer fluid or tire pressure, to internal engine problems.



D-Box installation on AES System.



Using adjustable rings to adjust flow into D-Box.

Unfortunately, onsite distribution devices are not equipped with audio or visual alarms, and it is not uncommon for a homeowner to fail to protect their investment in wastewater treatment and dispersal.

Whether a system is considered conventional or advanced, mechanical or non-mechanical, educating homeowners on the importance of maintaining an onsite wastewater system is the first step in keeping these systems functioning properly. Two resources that I am aware of is the Onsite Wastewater Treatment System Owner's Manual which is available at www.health.mo.gov/OandMGuidelines.pdf. This manual has taken the basic operation and maintenance of a system and broken it down into chapters so homeowners are not overloaded with information that does not pertain to their system. They can choose the chapters they want to read. It also contains diagrams and photographs to help homeowners better understand how their system works. The second resource is available from your very own Missouri Smallflows Organization.

Missouri Smallflows Organization (MSO) has a plethora of resources for homeowners to learn more about these systems. An entire page of resources is supplied in this newsletter too. MSO has homeowner education folders and educational brochures that are available for members to give to customers. Feel free to reach out to MSO to get these resources. If you are reading a hard copy of this newsletter and cannot see the online links, call the MSO office for a sample of the brochures.

Across the country, maintenance of onsite systems is a growing concern. Service providers are popping up everywhere and are making a name for themselves. In some months the amount of reoccurring revenue these companies bring in for servicing systems can be greater than their installation profits. Why this area of the industry is overlooked in Missouri is beyond me, but for those that see its value, they are already reaping the financial rewards. However, homeowners who are having their onsite systems properly maintained are receiving the greatest benefits.

NOWRA Conference in Spokane, Washington

The Onsite Wastewater Mega-Conference is a national, collaborative effort between the National Onsite Wastewater Recycling Association (NOWRA), the National Association of Wastewater Technicians (NAWT), and the State Onsite Regulators Association (SORA).

The Mega-Conference is the largest event of its kind and offers onsite/decentralized professionals the highest quality education and training available. The 2024 Onsite Wastewater Mega-Conference will be held October 20 - 23, 2024 in Spokane, Washington in cooperation with NOWRA's state affiliates, the Washington On-Site Sewage Association (WOSSA) and the Oregon Onsite Wastewater Association (O2WA).

Join us as early as Saturday, October 19 to take part in a golf tournament that will support NOWRA's Emerging Professionals Scholarship Fund. The conference will open with detailed updates on EPA activities, NOWRA's current research initiatives, NOWRA's lobbying activities before Congress, and perspectives from industry thought leaders. The conference will feature multiple tracks of technical sessions with potential to earn continuing education credits, a busy exhibitor's hall, an oral and poster presentation contest for emerging professionals, an evening social event, and two field trip options for the last day.



Onsite | 2024 Wastewater Mega-Conference

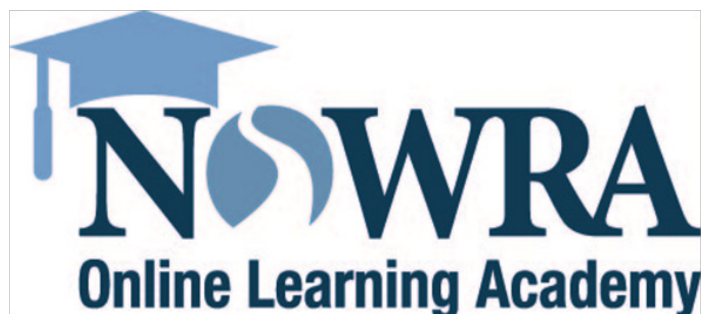
Celebrating Tomorrow's Environment
Clean Water for the Future

The conference planning committee is in the midst of reviewing presentation abstracts and setting the agenda.

Registration for attendees and exhibitors will open in early July.

See conference information here:

<https://www.nowra.org/conference/mega-conference/>



NOWRA hosted a free webinar on Insurance for small businesses. The webinar was recorded and now you can view it as a MSO Member for free. You just need to make an account on the NOWRA Learning Platform to watch it.

Here is a link to the class:

<https://www.pathlms.com/nowra/courses/73616>

*Note there are no CEUs for this course.
But it is great information!

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FAMILY ROOTS DRIVE SUCCESS FOR AUSTIN'S PUMPING SERVICE IN STRAFFORD, MISSOURI

By Peter Kenter

Reprinted from Pumper.com.

Published on July 17, 2024.

It was his family that convinced Douglas Hurrelbrink to launch Austin's Pumping Service in Strafford, Missouri, in 2010.

His brother-in-law, Jack Crow, had already established Action Rooter Sewer and Drain a few years earlier and encouraged the Hurrelbrink family to move from California. Family members have always been an integral part of the team and are likely to carry on with the business into the future.

The two companies have united under a single corporation, although they still maintain their individual names. Hurrelbrink's wife, Elizabeth, and sister, Lora Crow, handle accounts, while son Chad, and nephew Tristan Crow are dispatch supervisors. His son, Austin, handles inspections and assists other team members as necessary.



Hurrelbrink is 60 and looking to Austin and Chad to bring their unique talents to head up the business in the future. Austin, 29, worked summers for the business before serving 10 years in the military. He returned in 2018.

"I like the service aspect of the business and interacting in person with customers," he says. "I enjoy working with my hands, being outside, performing maintenance on trucks and even working in a ditch some days. I appreciate the satisfaction of customers calling us back and saying we did a good job and that I was part of it."

Chad, 31, graduated from the police academy but realized his interests were also more closely aligned with the family business. He's worked with the company for a decade, including many critical service positions. However, he's found a niche for himself in dispatch and is also looking to expand his role in sales and marketing.

"I enjoy the administration side of things," he says. "I'm a people person, and I'm on the phone every day, talking to customers or our supply houses. I hear everybody's challenges and problems and enjoy coming up with solutions."

The elder Hurrelbrink says his goal is to let his sons take over the day-to-day details while he slowly moves into the background as he helps them behind the scenes.

In addition to family members, the company employs 10 service technicians who form the backbone of customer service. Many employees are members of the armed forces, and the company prides itself on offering full pay to workers during military training sessions and deployments.

"You can be a one-man band running a pump truck," says Hurrelbrink. "But we couldn't have built a business without dedication from our families and the commitment of a quality service crew."

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The Onsite Wastewater Training Center – Public Tours Growing

Written by Tammy Trantham, Executive Director

Many of you know that in Springfield, we have an Onsite Wastewater Demonstration site. This site was built around 2007. The Missouri Department of Natural Resources awarded a grant to the Watershed Committee. The C.O.W.S grant directed funding to wastewater and stormwater. Partners included Greene County, Springfield-Greene County Park Board, Missouri DNR, and Water Quality Improvement Project. Many companies sponsored it too by donating materials and labor. The training center is used by MSO and Greene County to train professionals.

More recently, MSO has been giving tours of the facility to interested parties. Any opportunity to teach the public about septic systems helps our industry. We hosted a group from EPA that works in the 319 Clean Water Program. They learned about how grant funds helped create this facility that is still used to this day. Grant funds are still utilized to maintain this training center too.

MSO has been contacted by a few inspection companies that have wanted to bring their crew out to see the wastewater treatment systems displayed here. This has enabled professionals to learn more about the profession for their office staff and employees. It better serves their customers when the staff can “talk the lingo” on the phone.

We have started educating realtors throughout the state as well. We have helped host two workshops and another one is planned for October 16 in Branson West. Realtors have questions but more so, buyers have questions. Our effort to educate realtors that want more knowledge on these systems will hopefully run over into homeowners too. Our class is approved by the Missouri Real Estate Commission (MREC) and realtors can earn continuing education credit for it. We'll be scheduling events for 2025 soon.

Technology changes in this industry. MSO strives to make additions to the training center to keep it up-to-date with new methods used for wastewater treatment. Recently, we were able to have safety devices for tank lids donated to show homeowners how they can protect their families. Thank you to Stewart Concrete and Infiltrator Water Technologies for their donation. MSO does have a wish list of new items to add to the training center. If your company is interested in donating, let us know.

We only have one training center in the state and it's in the southwest corner. I know that it is geographically limiting for many of you to ever visit the training center. However, if you are ever going to see Bass Pro Shops in Springfield or the great aquarium, let me know. I may be able to schedule a tour for you.

If your company wants to bring a group out to learn about these systems, just call or email MSO to set up a time. I am always happy to give this tour and show the facility.



Septic Systems Require Maintenance, Local Organization Offers Rebate for Pumpouts

Septic systems require regular maintenance to stay functional and protect groundwater resources. Local organization, Watershed Committee of the Ozarks is offering a **ONE-TIME \$60 REBATE** to offset the cost of septic pump outs for homeowners in the Upper Little Sac Watershed.

The Department of Natural Resources announced the Watershed Committee of the Ozarks received a nonpoint source grant in 2021 for restoration and improvements to the Little Sac River. The funding is provided by the U.S. Environmental Protection Agency under Section 319 of the Clean Water Act. The project focus is on reducing bacteria in the Upper Little Sac River basin while also helping to decrease soil erosion and lower nutrient levels in the watershed.

To receive assistance, visit

watershedcommittee.org/septic-pump-out-reimbursement-available/
OR

Call 417-408-3310 and ask our
Projects Manager, Stacey
for more information.



Watershed
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LISTING OF MSO CLASSES

PLEASE REGISTER AT LEAST TWO WEEKS PRIOR TO THE CLASS!

Call our office to register at 417-631-4027

Or find the Registration Form on our website: www.mosmallflows.org

Inspecting Tanks, Lagoons & LPP Location: Camdenton, Mid-County Fire Department Date: October 16, 2024 Full day class: 8:30 AM - 3:30 PM DHSS General CEU: 5 Select: Basic: 0, Advanced: 0, Inspector: 5, OSE: 0 Member price: \$150 Non-member price: \$235	Trickling through Media Filters Location: Camdenton, Mid-County Fire Department Date: October 17, 2024 Full day class: 8:30 AM - 3:30 PM DHSS General CEU: 6 Select: Basic: 0, Advanced: 6, Inspector: 4, OSE: 0 Member price: \$150 Non-member price: \$235
Inspecting Tanks, Lagoons & LPP Location: Springfield, SI Precast Plant Date: November 12, 2024 Full day class: 8:30 AM - 3:30 PM DHSS General CEU: 5 Select: Basic: 0, Advanced: 0, Inspector: 5, OSE: 0 Member price: \$150 Non-member price: \$235	Trickling through Media Filters Location: Springfield, SI Precast Plant Date: November 13, 2024 Full day class: 8:30 AM - 3:30 PM DHSS General CEU: 6 Select: Basic: 0, Advanced: 6, Inspector: 4, OSE: 0 Member price: \$150 Non-member price: \$235
Basic Soils & How to Read a Soils Report Location: Kearney, Winnelson Supply Date: November 15, 2024 Full day class: 8:30 AM—2:00 PM DHSS General CEUs = 5 Select: Basic: 5, Advanced: 5, Inspector: 0, OSE: 0 Member price: \$150 Non-member price: \$235	

LISTING OF MSO CLASSES

PLEASE REGISTER AT LEAST TWO WEEKS PRIOR TO THE CLASS!

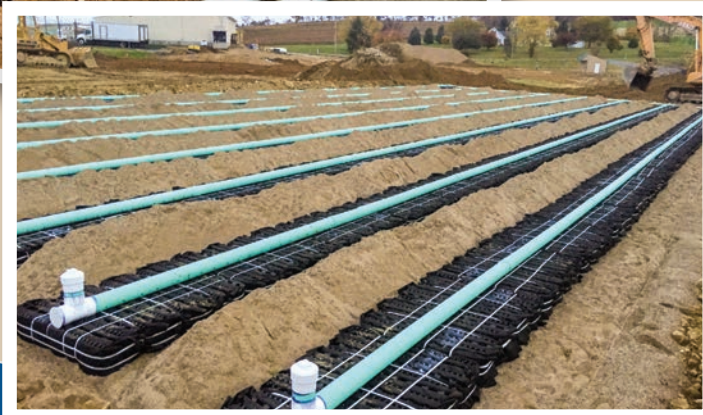
Call our office to register at 417-631-4027

Or find the Registration Form on our website: www.mosmallflows.org

Inspecting Tanks, Lagoons & LPP Location: Jefferson City, Cole County Health Department Date: November 18, 2024 Full day class: 8:30 AM - 3:30 PM DHSS General CEU: 5 Select: Basic: 0, Advanced: 0, Inspector: 5, OSE: 0 Member price: \$150 Non-member price: \$235	Trickling through Media Filters Location: Jefferson City, Cole County Health Department Date: November 19, 2024 Full day class: 8:30 AM - 3:30 PM DHSS General CEU: 6 Select: Basic: 0, Advanced: 6, Inspector: 4, OSE: 0 Member price: \$150 Non-member price: \$235
Troubleshooting Onsite Systems Location: Imperial, Ganey Engineering Date: December 12, 2024 Full day class: 8:30 AM - 3:30 PM DHSS General CEU: 6 Select: Basic: 6, Advanced: 6, Inspectors: 6, OSE: 0 Member price: \$150 Non-member price: \$235	Drip Irrigation Location: Imperial, Ganey Engineering Date: December 13, 2024 Full day class: 8:30 AM - 3:30 PM DHSS General CEU: 6 Select: Basic: 3.5, Advanced: 6, Inspector: 6, OSE: 3.5 Member price: \$150 Non-member price: \$235

More classes will be scheduled. See our online classes available on our website: www.mosmallflows.org

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2025 MSO Conference Registration
January 20-22, 2025
Holiday Inn Executive Center, Columbia

Pre-Conference on January 20

Soils, Water Movement, Drainage Options, and Professionalism in Our Industry

By Kerry Clark, Matt Roth, Michael Bowers, and Dr. Stephen Anderson

DHSS CEUs: 6.0

Select: Basic: 6.0, Advanced: 6.0, Inspector: 0, OSE: 6.0

The MSO Pre-Conference will examine the various methods of soil morphology tests and site plans. The session will not only be for soil evaluators, but great for engineers, installers and regulators. Discussion will include water movement in soil, how to utilize curtain drains, and other topics. Best practices for professionals will be highlighted to show the best way to promote our industry to the public.

Conference & Trade Show on January 21-22

The MSO Annual Conference & Trade Show has over 35 exhibitors and breakout sessions of various topics to earn CEUs. We are featuring Hector Hernandez for our Keynote Address. Hector is a dynamic speaker and is sure to keep your interest!

DHSS CEUs: Earn up to 8 General CEUs! Select CEUs vary on which sessions attended. See agenda.

[Register online or print off registration form from our website.](https://www.mosmallflows.org/annual-conference--trade-show.html)

<https://www.mosmallflows.org/annual-conference--trade-show.html>

Events at the Show!

Opening Reception in Exhibit Hall! MSO will open the show on January 20 from 5:00 PM - 7:00 PM in the Exhibit Hall to kick off the Roe-D-Hoe trials. Come in and enjoy some refreshments and meet vendors!

The **Annual Roe-D-Hoe** will be at the Exhibit Hall on January 21. Try your backhoe skills at our contest and win cash prizes for 1st, 2nd and 3rd place winners. Entry fees raise money for the Daryl Brock Memorial Scholarship.

Social Event at the SportsZone! We plan to have a limited number of drink tickets available at our social event on the evening of January 21 at the SportsZone Bar at the Holiday Inn.

Hotel Accommodations

Be sure to reserve your hotel room at the Holiday Inn! We have room block available.

Call Holiday Inn at 573-445-8531 and mention "Smallflows" Room Block

Room rates: \$108 per night + taxes

[Room Block Online Reservation Link](#)

Stay at the hotel where all the fun is happening. Great way to network with other professionals!



Missouri
Smallflows
Organization

2025 MSO Annual Conference & Trade Show

Holiday Inn Executive Center, Columbia, Missouri

Monday, January 20, 2025

Pre-Conference: Soils, Water Movement, Drainage Options & Professionalism in Our Industry

Registration opens at 7:00 AM and class is from 8:00 AM to 5:00 PM

General CEUs: 6.0

Select: Basic: 6.0, Advanced: 6.0, Inspector: 0, OSE: 6.0

5:00 PM	7:00 PM	Welcome Reception with Roe-D-Hoe Kickoff
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Tuesday, January 21, 2025

Start	Finish	Session or Event		
7:30 AM	5:00 PM	Registration open		
7:30 AM	9:00 AM	Exhibit Hall opens at 7:30 AM with HOT BREAKFAST!		
General Session - Windsor I, II, III (Opening Sessions: General: 1.25)				
9:00 AM	9:10 AM	Welcome by MSO President, Nick Dykes		
9:10 AM	9:30 AM	Update from DHSS, Eric Folks		
9:30 AM	9:45 AM	Update from DNR, Speaker TBA		
9:45 AM	10:15 AM	NOWRA Update, Chris LeClair, NOWRA President		
10:15 AM	11:30 AM	Keynote Address 1: Preparing yourself for Dog Encounters and Attacks, Hector Hernandez General: 1.25		
11:30 AM	1:00 PM	Lunch & General Membership Meeting		
1:00 PM	1:30 PM	Break in Exhibit Hall.		
Tracks		Installer Track	Inspector/Soils Track	General Topic
Room		Windsor I & II	Windsor III	Windsor IV
1:30 PM	2:30 PM	Dealing with and Responding to our Valued Member Hector Hernandez General: 1.0 Basic: 1.0, Advanced: 1.0, Inspector: 1.0, OSE: 1.0	Dealing with and Responding to our Valued Member Hector Hernandez General: 1.0 Basic: 1.0, Advanced: 1.0, Inspector: 1.0, OSE: 1.0	Session in Windsor I,II, & III
2:30 PM	3:00 PM	Break in Exhibit Hall. Roe-D-Hoe Trials		
3:00 PM	4:00 PM	Proper Design & Installation of Mound Systems Travis Johnson, Infiltrator Systems General: 1.0 Advanced: 1.0, OSE: 1.0	Successes, Blunders & WTHeck? Nick Dykes General: 1.0 Basic: 1.0, Advanced: 1.0	Overlooked Safety Measures - Septic Tank Lids Chris LeClair General: 1.0 Basic: 1.0, Advanced: 1.0, Inspector: 1.0

MSO Annual Convention & Trade Show				
Tuesday, January 21, 2025				
Tracks		Installer	Inspector/Soils	General Topic
Room		Windsor I & II	Windsor III	Windsor IV
4:00 PM	4:15 PM	Break in Exhibit Hall.		
4:15 PM	5:15 PM	Worst Case Scenario: Design and Installation considerations for Difficult Sites Ashley Donnelly General: 1.0 Basic: 1.0, Advanced: 1.0	Inspector Forms Eric Folks General: 1.0 Inspector: 1.0	OWTS Failures & Partnership Solutions Carin Love General: 1.0
5:15 PM	7:30 PM	Membership Appreciation & Roe-D-Hoe in Exhibit Hall. Come for Door Prizes!		
8:00 PM	10:30 PM	Evening Social at Sports Zone		
Wednesday, January 22, 2025				
7:30 AM	8:30 AM	Hot Breakfast in Exhibit Hall!		
Tracks		Installer	Inspector/Soils	General Topic
Room		Windsor I & II	Windsor III	Windsor IV
8:00 AM	9:00 AM	Wastewater Flows, Loads, & Related Considerations Ashley Donnelly & Dennis Hallahan General: 1.0 Basic: 1.0, Advanced: 1.0	Inspector Open Forum Travis Bullock & Brett Thompson General: 1.0 Inspector: 1.0	How to Run Successful Business Jessi Wood General: 1.0
9:00 AM	9:30 AM	Break in Parliament 1 & 2		
9:30 AM	10:30 AM	Basic Installer Open Forum Chad Fulton & Rob Rogers General: 1.0 Basic: 1.0	OSE Open Forum Kerry Clark & Chris Nothstine General: 1.0 OSE: 1.0	Understanding the Digital Marketing Landscape Aaron DeBuhr General: 1.0
10:30 AM	10:45 AM	Break in Parliament 1 & 2		
10:45 AM	11:45 AM	Advanced Installer Open Forum Stanley Stoltzfus & Nick Dykes General: 1.0 Advanced: 1.0	The Real World of Inspecting Tanks Brenden Murphy General: 1.0 Inspector: 1.0	Soils Across Landforms & Restrictive Horizons Joseph Meinert General: 1.0 Basic: 1.0, Advanced: 1.0, OSE: 1.0
11:45 AM		Conference Adjourns		
12:00 PM	1:00 PM	MSO Board Meeting - Location TBA		



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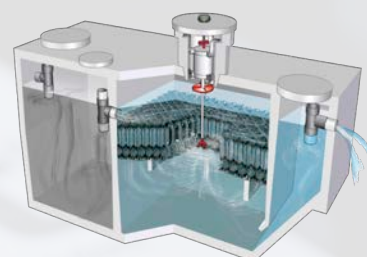
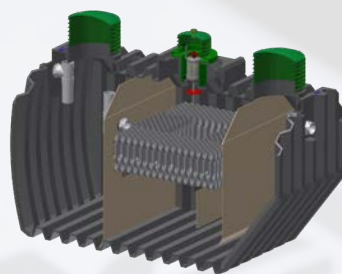


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Missouri
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2025 MSO Conference Registration
January 20-22, 2025
Holiday Inn Executive Center, Columbia

MSO Membership

You must be a **current member at the date of the conference** to take advantage of membership pricing. Check your membership status by calling the MSO office or emailing our office.

_____ Individual Annual Dues (\$170)

If you would like a Company Membership for 4 or more employees call our office

2025 Conference Registration

Pre-Conference, January 20: Soils, Water Movement, Drainage Options, & Professionalism in Our Industry

_____ \$165 Member _____ \$335 Non-member (includes one-year membership)

Conference, January 16-17

_____ \$165 Member _____ \$335 Non-member (includes one-year membership)

Register after December 30, 2024, add \$25 late fee: _____

Guest/Spouse Fee \$100: _____ Name: _____

Fee only covers events on January 21-22, plus Opening Reception. **Does not include Pre-Conference on January 20.**

_____ Yes! I would like to donate \$5 or \$_____ to the Daryl Brock Memorial Scholarship Fund.

Total of Payment: _____

[Register online!](#)

Saves you time!

Registration Information

Member Name: _____

Name as it would appear on name badge: _____

Company Name: _____

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West Virginia University - NESU.WVU.EDU Winter 2005 Vol. 16, No

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