



Missouri Smallflows Organization

NEWSLETTER

A Quarterly Publication

Fall 2019

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MSO Members,

We have some great opportunities coming up for you to earn CEUs. Every year, MSO partners with the Missouri Association of Professional Soil Scientists (MAPSS) to put on a course that focuses on soils and wastewater treatment options. This year the course will be held in Conception, Missouri, in Nodaway County. We encourage you to attend this course if you would like more experience in soils and to be able to visit with other soil scientists to learn more about soils. The course is on October 4 and you can see registration information in this newsletter.

MSO is currently working on the 2020 MSO Conference & Trade Show. The Call for Papers is available, and we are looking for applicants to present at the conference. You may see the application on our website. Registration is open for Exhibitors so please register now to save your booth spot. We anticipate another great turnout this year and save the date for January 21-22 with the Pre-Conference on January 20.

Exhibitors, we also encourage you to take a look at our Business Partnership Program (BPP) membership. This program puts together conference booth space, newsletter advertising and MSO membership. You can save money as well if you register as a BPP member by October 15. See our website for details or contact Tammy at the office.

The NOWRA Onsite Mega-Conference is taking place in Loveland, Colorado, on October 13-16. Partners from all of the United States come together to talk about ideas and challenges facing our onsite wastewater industry. We encourage you to attend if you can.

Watch your email in November for registration to open up for the 2020 MSO Conference & Trade Show. Thank you for being a member and supporter of Missouri Smallflows Organization. Be sure to reach out to any Board Members with questions about the organization. You can always see their contact information on page 2 of this newsletter.

On Behalf of the MSO Board of Directors,

Michael Bowers
President of MSO



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WELCOME TO OUR BUSINESS PARTNER PROGRAM SUPPORTERS

Thank you for supporting MSO's goals and our organization throughout the year.

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If you are interested in being a part of our Business Partner Program check out the program on our website for more information.

INTERESTED IN MAKING YOUR COMPANY A BUSINESS PARTNER?

We appreciate all of our BPP members. This program enables you and your company to purchase exhibit space, newsletter advertising and your MSO membership all in one stop.

As a BPP, your company logo and link to your website will be on the MSO website. You have a certain number of membership slots to whom you can assign anyone. Our newsletter reaches over 350 people quarterly and the list is growing. We send our newsletter via email and mail to some patrons.

We have varying levels of sponsorships based on your need. You should check out our BPP webpage (www.mosmallflows.org) for the full details.

If you would like a copy of the brochure with prices and details, you may always contact Tammy Trantham at contact@mosmallflows.org.

Let us help you get your company name out to our membership and more. Thank you for supporting Missouri Smallflows.

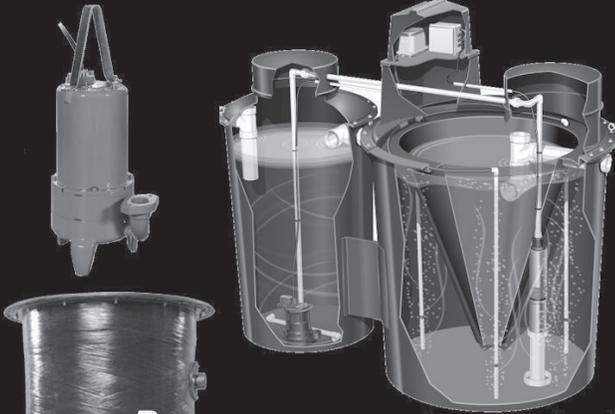
Wastewater Solutions

Treatment

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SJE RHOMBUS

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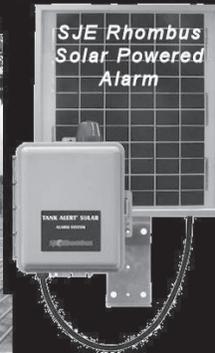


Effluent Pumps

Polylok PL122 Effluent Filter

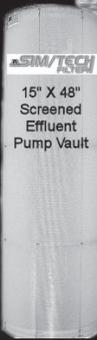


UV Disinfection



SJE Rhombus Solar Powered Alarm

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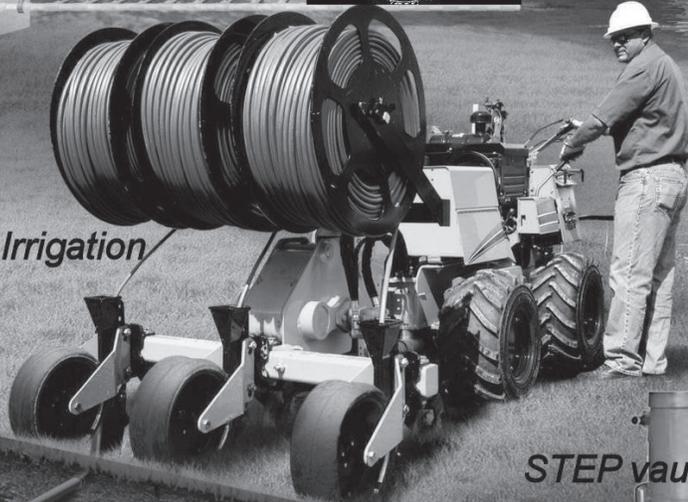


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ADVANCED DRAINAGE SYSTEMS ACQUIRES INFILTRATOR WATER TECHNOLOGIES FROM ONTARIO TEACHERS' PENSION PLAN

- Builds on ADS' existing water management solutions platform
- Expands addressable opportunity into the attractive on-site septic business
- Enhances sales growth, margins and cash flow generation
- Aligns with ADS' core growth strategies and commitment to innovation
- Combines best-in-class polypropylene and polyethylene recycling capabilities

HILLIARD, Ohio – (August 1, 2019) – Advanced Drainage Systems, Inc. (NYSE: WMS) (“ADS” or the “Company”), a leading global manufacturer of water management products and solutions for commercial, residential, infrastructure and agricultural applications, today announced the acquisition of Infiltrator Water Technologies, a leader in on-site septic wastewater treatment for a purchase price of approximately \$1.08 billion, from an affiliate of the Ontario Teachers' Pension Plan and other stockholders.

“We are very excited to be joining forces with Infiltrator, a company we know well and have worked with over the years as one of our longstanding strategic partners,” said Scott Barbour, President and CEO of ADS. “Infiltrator is a natural fit for us and for our customers, aligning closely with our growth strategies while accelerating the key drivers of our three-year plan—sales growth, margin expansion and cash flow generation—that we announced at our Investor Day last year. This acquisition will allow us to offer an enhanced suite of water management solutions to a broader set of customers and expand our addressable opportunity in the attractive and related on-site septic business. We are excited to execute on best practices across our businesses, particularly in innovation, operational excellence, and recycling capabilities. We look forward to working with the Infiltrator team to continue building on both companies' strengths, as leaders in providing water management solutions for our customers.”

“This acquisition is a welcomed extension of our more than 15-year partnership built on mutual admiration and respect. We have always shared a similar vision and core values, executed comparable conversion strategies to displace traditional materials, and remained committed to developing innovative, best-in class products while maintaining a dedication to safety, operational excellence and sustainability through our recycling activities,” said Roy Moore, President and CEO of Infiltrator Water Technologies. “We have appreciated our partnership with Ontario Teachers' Pension Plan over the past four years, as we have executed against our value creation initiatives and are well-positioned for continued growth.”

Combination Benefits

Infiltrator is a leading national provider of plastic leach field chambers and systems, septic tanks and accessories, primarily for use in residential applications. Infiltrator products are used in on-site water treatment systems in the U.S. and Canada and generated approximately \$275 million in revenue and \$89 million in adjusted EBITDA during 2018. Infiltrator has been a longstanding supplier and customer of ADS for over 15 years.

This acquisition builds on ADS' core strengths in water management by combining Infiltrator's leading position in on-site septic wastewater management with ADS' core stormwater-focused platform. This extends ADS' addressable opportunity into the attractive and related on-site septic business. The on-site septic business shares similar conversion dynamics to ADS' core stormwater business, with plastic septic chambers and tanks gaining share faster than traditional products.

(continued on page 6)

(continued from page 5)

The acquisition aligns with ADS' core growth strategy, combining two companies with similar models, driving share gains with conversion from traditional materials. Both companies are leaders in their industries, have strong distribution networks and highly technical sales and engineering teams. The acquisition will add to the combined company's distribution networks and increase availability of products to customers.

Lastly, the transaction brings together two companies committed to creating innovative water management solutions that preserve one of the planet's most precious resource with a shared commitment to safety, operational excellence and sustainability. Infiltrator also brings significant recycled raw material sourcing capabilities, in both polypropylene and polyethylene, with 75% of their collective products sourced from recycled resin, which equates to approximately 150 million pounds of recycled plastic annually.

Transaction Details

Under the terms of the agreement, ADS paid a purchase price of approximately \$1.08 billion, subject to various closing and post-closing adjustments. The Company has initially funded the transaction with drawings under a Senior Secured Credit Facility arranged by Barclays and Morgan Stanley Senior Funding, Inc. The Company expects to refinance the Senior Secured Credit Facility through a combination of opportunistic capital markets transactions. ADS intends to utilize the strength of the combined cash flows to reduce leverage quickly and ultimately intends to return to its long-term target leverage of less than 3.0x within eighteen months. On a pro forma basis for the Company's fiscal year ended March 31, 2019, the combined companies would have had revenues of approximately \$1.6 billion, Adjusted EBITDA margins of approximately 20.4% and free cash flow conversion of nearly 50%. ADS' management anticipates that this acquisition will be accretive to Adjusted EBITDA in year one, accretive to EPS in the first full year and yield approximately \$20-\$25 million in run-rate synergies by year three. Barclays and Morgan Stanley & Co. LLC acted as financial advisors to the Company and Squire Patton Boggs acted as legal advisor to the company and Davis Polk acted as legal advisor to the ADS board of directors. RBC Capital Markets LLC and Deutsche Bank Securities, Inc. acted as financial advisors and Kirkland & Ellis acted as legal advisor to the Ontario Teachers' Pension Plan.



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SAVE THE DATE!

The 2020 MSO Conference and Trade Show is fast approaching. The Pre-Conference will be held on January 20 and the Conference and Trade Show will be held on January 21-22. More details will be available in our December Newsletter.

Exhibitors you may register now! You can see registration information on our website:

<http://www.mosmallflows.org/trade-show-information-for-vendors.html>

This is a great opportunity to earn CEUs and network with other onsite wastewater professionals throughout Missouri. We will have a variety of speakers on various topics for you to attend.

The annual MSO Roe-D-Hoe® will be held as well. Our annual skills with the backhoe contest is great fun to participate in and watch. Cash prizes for first, second and third place winners.

The Conference and Trade Show will be held at the Holiday Inn Executive Center in Columbia, Missouri.



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POWDERHORN'S SEPTIC ERRORS & OMISSIONS PROGRAM IS ENDORSED BY THE NATIONAL ONSITE WASTEWATER RECYCLING ASSOCIATION (NOWRA)

BROOKFIELD, CT – The Powderhorn Agency, Inc., a program solutions provider specializing in the septic industry has announced that its Errors and Omissions program for septic system designers and inspectors has been chosen by the National Onsite Wastewater Recycling Association (NOWRA) as the preferred errors and omissions insurance program for its 5,000+ members nationwide.

Powderhorn's errors and omissions program is underwritten by an A.M. Best rated "A (Excellent)" insurance provider. NOWRA board members have endorsed the product based on its outstanding coverages and limit options, as well as the insurance company's longstanding strength in its A.M. Best financial rating. Designed for septic designers and inspectors, the errors and omissions product provides a solution in the industry by offering affordable coverage with multiple limit options.

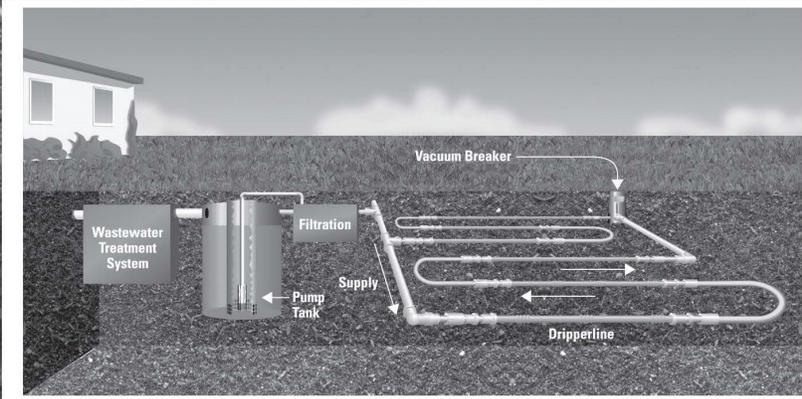
"The Powderhorn Agency, Inc. has a strong commitment to the septic industry and we designed our errors and omissions product in conjunction with the insurance carrier to fill a void in the marketplace," said Powderhorn's President Gary Missigman. "The previously underserved septic designers and inspectors now have an affordable coverage option for their errors and omissions exposures. We are confident that NOWRA members will be pleased with the comprehensive coverage and accessibility of our product, and we look forward to continuing our leadership role in servicing the insurance needs of the wastewater industry."

"We are pleased to recommend Powderhorn's Errors and Omissions product to our members," said NOWRA Executive Director Eric Casey. "Our Board believes NOWRA members will benefit from the tailored coverage and flexible options provided by Powderhorn." Powderhorn's errors and omissions product offers septic system designers and inspectors:

- Limits of \$250,000, \$500,000 and \$1,000,000 available
- Defense Costs outside of the limits
- Disciplinary Actions Coverage sublimit of \$5,000
- Financially sound carrier
- Highly experienced Underwriting and Claims staff
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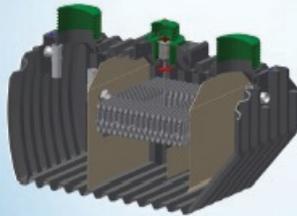
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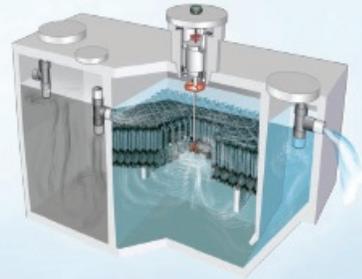
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JOIN NOWRA IN COLORADO FOR THE 2019 ONSITE WASTEWATER MEGA-CONFERENCE

The Rocky Mountains are the backdrop for the 2019 Onsite Wastewater Mega-Conference, which will be held October 13-16 at the Embassy Suites Hotel & Conference Center in Loveland, Colorado. People call the Mega-Conference the “Onsite Wastewater Event of the Year” because it brings together four leading onsite wastewater groups for an event showcasing the best the industry has to offer – top educators and trainers, industry thought leaders, leading companies, great networking –all intended to give you a useful and memorable experience.



The Mega-Conference is the largest national conference focusing directly on decentralized and onsite wastewater treatment. It is jointly hosted by the top three national onsite associations and the host state association:

- **NOWRA**
- **SORA** (State Onsite Regulators Association)
- **NAWT** (National Association of Wastewater Technicians)
- **CPOW** (Colorado Professionals in Onsite Wastewater).

The Mega-Conference offers a rich mix of activities. More than 50 education and training sessions are planned, along with outstanding field trips, great social events and networking, and scores of the industry’s leading exhibitors in the Mega-Conference Expo.

Should you attend this conference? Absolutely yes if you believe the value you’ll receive is greater than your investment of time and money to attend. And while everyone defines value in their own way, consider some of the following benefits of attendance:

Earn CEUs to meet your licensing requirements – NOWRA’s curriculum is typically approved by most states which require CEUs for contractors. The Mega-Conference website – www.nowra.org/2019mega -- has a current list of states approvals.

Get training for you or your employees – The Onsite Systems Troubleshooting track features an all-star line-up of experts to help students better understand how to identify and address system problems. Lots of good training can also be found in other concurrent sessions and field trips.

Learn about new products/services you can use – The Mega-Conference Expo brings dozens of national manufacturers offering innovative technologies and services.

Generate ideas you can use – Whether it’s through insights gained in the classroom or ideas exchanged with colleagues in a social setting or hallway conversation, chances are you’ll get a fistful of ideas you can begin to implement when you get home.

(continued on page 15)

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(continued from page 12)

Expand your business -- If septage disposal is a problem in your area, NAWT's Septage Treatment Workshop may be the answer. Learn from top private septage plant operators the ins and outs of setting up your own septage treatment business.

Gain a competitive edge – If you want to stand out from your local competition, it's helpful to look for ideas outside your local area. Useful and innovative programs, ideas and activities can be found all over the US, The Mega-Conference brings them together in one place. It present you with a tremendous opportunity to gain an edge over competitors who don't attend.

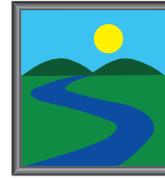
Renew and grow your network – The Mega-Conference is a great place to reconnect with old friends and colleagues and make new ones.

Get a big picture view of our industry – Get a better understanding of the trends and directions of the onsite industry. Onsite wastewater technology is being deployed in new ways to address water issues around the country. Staying current with these trends can help you identify future opportunities or challenges.

With so many activities, educational opportunities, and networking possibilities, there is something for everyone at the 2019 Mega-Conference. As you contemplate whether to attend, please keep in mind that attending an onsite conference at the state or national level should be viewed as an investment in you and your company, not an expense. We think you'll find more than enough value with the Mega-Conference to determine it is a worthy investment. Won't you consider attending this year? Full conference details can be found on the NOWRA website: www.nowra.org/2019mega.

ONLINE EDUCATION OPPORTUNITIES

Created by NOWRA and supports MSO



Missouri
Smallflows
Organization

Don't have time to travel and take off work to attend class?
MSO is now offering online courses through NOWRA.
Check out the four classes available to earn some CEUs for your licenses.

NOWRA INTRODUCTION TO ONSITE WASTEWATER (3 hours)

This is a great first course to orientate septic professionals on the basics of onsite wastewater treatment and wastewater properties highlight hydraulic and organics.

Missouri DHSS CEUs: General 3.0; Select Criteria: Basic = 2.0, Advanced = 1.5, Inspector/Evaluators = 0, OSE = 1.0, Perc. Testers = 0

NOWRA: A TO Z COURSE (8 hours)

This national course has something for everyone—from brand new service technician to the seasoned local inspector focusing on the basics of decentralized systems.

Missouri DHSS CEUs: General; 8.0; Select Criteria: Basic = 6.0, Advanced = 6.0, Inspectors/Evaluators = 2.0, OSE = 2.0, Perc Testers = 1.0

NOWRA OPERATION & MAINTENANCE (1 hour)

This module focuses on the importance of Operation & Maintenance (O&M) and the primary activities of a service provider with conventional systems.

Missouri DHSS CEUs: General: 1.0; Select Criteria: Basic = 1.0, Advanced = 1.0, Inspector/Evaluators = 0.5, OSE = 0, Perc. Testers = 0

NOWRA SOIL EVALUATION, TREATMENT AND DISPERSAL (4 hours)

Want to know more about soil-based treatment? This class is for you! Included information on soil and site evaluations and soil treatment systems.

Missouri DHSS CEUs: General: 4.0; Select Criteria: Basic = 3.0, Advanced = 3.0, Inspector/Evaluators = 1.0, OSE = 2.0, Perc Testers = 1.0

INSTRUCTIONS FOR ONLINE EDUCATION:

1. You will need to create a profile with the Online Academy Website. This will be unique to you and allow you to track which courses you have purchased and completed. You will need a valid email address to set up your profile.
2. Be sure to select that you are a Missouri Smallflows Organization member if you are a member. If you are unsure of your membership status, call our office at 417-631-4027 to check. If you are not a member, you will be paying the non-member price for the course.
3. Once you complete the course, you will print a certificate. Submit this certificate to Department of Health and Senior Services, Onsite Wastewater Treatment Program for your CEUs.

Link for online classes: www.pathlms.com/nowra

When you complete an online course sponsored by NOWRA, a portion of the course fee returns to Missouri Smallflows Organization. So be sure to mark that you are a current MSO member! You may always call our office to check your membership status. Phone: 417-631-4027

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DRIP IRRIGATION & SURFACE IRRIGATION WITH WASTEWATER TREATMENT & GLACIAL TILL SOILS EXAMINED

MSO & MAPSS COURSE

OCTOBER 4, 2019

LOCATION: CONCEPTION ABBEY, 37174 STATE HIGHWAY VV, CONCEPTION, MO 64433

Annually, Missouri Smallflows Organization (MSO) and Missouri Association of Professional Soil Scientists (MAPSS) partners to host a class in Missouri to look at soils and tour a wastewater treatment system. This year the course will be near Maryville, Missouri, to look at the complexities of glacial till soils. There are two wastewater treatment systems that will be toured; both are DNR permitted. The course will examine the soils onsite, discussion of why the type of wastewater treatment option was chosen, tours of the two wastewater treatment facilities, and discussion of operation and maintenance of the two facilities.

8:00 AM: Light breakfast refreshments

8:30 AM – 8:45 AM: *Background on the Abbey and History* (Speaker: TBA)

8:45 AM – 9:30 AM: *Basic Soils Information – Mark Abney, USDA*

The ten fundamental properties of soils will be covered along with nomenclature of soils. A general overview of important soil properties and how to use the Web Soil Survey will be discussed.

9:30 AM: Break

9:45 AM – 10:30 AM: *Local Soils Information by Clayton Lee and Chris Stiens*

Chris Stiens, Licensed Soil Evaluator, and Clayton Lee, retired NRCS Soil Scientist, will discuss the local soils to the area. Chris Stiens will open up this section with discussion on what was found during his soil evaluation, site overview and the selection of loading rates. Clayton Lee will expand on the types of soils that are found in the area, warranting discussion on glacial till soils (i.e. Shelby series or Lamoni series, are options). There will be v-trays of the soils available for the participants to see the soil horizons in class prior to heading out to the field in the afternoon.

10:30 AM – 11:00 AM: *Jurisdiction & Soils Report for DNR – Chuck Harwood, Missouri DNR*

Summary: This presentation will very briefly describe jurisdiction of Wastewater in Missouri between the Department of Natural Resources and the Department of Health and Senior Services, Onsite Wastewater Treatment Program.

The primary focus of the presentation is to describe the fundamental elements that a soils report should contain and how without a complete soil & site investigation, information that is critical for the design of a subsurface soil dispersal system will be missing from the soils report.

This specific presentation is not intended to describe how different soil and site characteristics directly or indirectly affect the soil treatment areas ability to treat and hydrologically control effluent. Nor is it intended to describe what a limitation is, why it's a limitation or what can be done to overcome a limitation with respect to a subsurface soil dispersal system.

11:00 AM – 11:45 AM: *Converting Lagoons from direct discharge to Surface Land Application or Subsurface Soil Dispersal – Leasue Meyers, Missouri DNR*

This presentation will briefly describe what the Engineering Section looks for in review of surface and subsurface irrigation projects. The primary focus will be on the requirements in state regulations, specifically 10 CSR 20-8.110 and 10 CSR 20-8.200. It will touch on some of the common issues seen in the design of treatment plants, especially those facilities converting from a discharging lagoon to a no-discharge and wastewater irrigation system. This presentation is not intended to describe every situation and the impact of soils and site characteristics have on the design or the ability to treat.

11:45 AM – 12:15 PM: Conception Abbey & Benedictine Convent System – Brock Pfost

Brock Pfost, PE, will be giving an overview of the following systems that will be toured after lunch.

Abbey and Monastery, Drip Irrigation System, installed 2016. CP0001825, OP G823102. Originally a single cell lagoon built in the 1960's serving a PE of 336 with the monastery and seminary college, the system obviously struggled to meet increasingly stringent effluent requirements. In 2015-16, the Abbey decided to address I/I issues on the main trunk sewer and shift to a 0-discharge system. In reviewing all options, initially it was thought to add a secondary cell and perform land app with drip irrigation, system capacity 33,600 gpd, although actual daily flow is app. 25,000 gpd based on actual water meter readings and population equivalents. The system has been operational since 2017.

Benedictine Convent, Land Application with fixed head sprinklers, installed 2009. CP0000743. OPG823033. Originally a single cell lagoon constructed in the 1950's, with a biosolids removal project in the early 2000's, the original design flow was 13,000 gpd when the facility was more active. Actual flow of the irrigation facility is 7,000 gpd. When the system was examined, it became apparent that the now over-sized lagoon cell was more than adequate to supply winter and rain event storage, hence the ability to utilize surface irrigation with its related less expensive and intensive maintenance.

12:15: Lunch (provided)

Afternoon: Field Portion

The afternoon portion of the class will be conducted outside. Please dress appropriately for the weather. There will be transportation to the field sites.

1:15 PM – 2:45 PM: 30 minutes at the Abbey System Tour

The licensed operator for the system will be available for questions and the tour. Abbey and Monastery, Drip Irrigation System, installed 2016. CP0001825, OP G823102. Originally a single cell lagoon built in the 1960's serving a PE of 336 with the monastery and seminary college, the system obviously struggled to meet increasingly stringent effluent requirements. In 2015-16, the Abbey decided to address I/I issues on the main trunk sewer and shift to a 0-discharge system. In reviewing all options, initially it was thought to add a secondary cell and perform land app with drip irrigation, system capacity 33,600 gpd, although actual daily flow is app. 25,000 gpd based on actual water meter readings and population equivalents. The system has been operational since 2017.

30 minutes on Two Soil Pits

Three Soil Evaluators or Scientists will lead the discussion on the two soil pits that will be dug the day before the class. Time will be taken to go through a soil report, look at each horizon on the soil profile and have class discussion.

2:45 PM: Drive to Benedictine Convent System**3:00 – 4:00 PM: Tour of Benedictine Convent System**

Benedictine Convent, Land Application with fixed head sprinklers, installed 2009. CP0000743. OPG823033. Originally a single cell lagoon constructed in the 1950's, with a biosolids removal project in the early 2000's, the original design flow was 13,000 gpd when the facility was more active. Actual flow of the irrigation facility is 7,000 gpd. When the system was examined, it became apparent that the now over-sized lagoon cell was more than adequate to supply winter and rain event storage, hence the ability to utilize surface irrigation with its related less expensive and intensive maintenance.

4:00 PM: Return to Abbey and Adjourn**Optional: 4:15 PM: Tours of the Convent and Abbey**



**Missouri
Smallflows
Organization**

MSO and MAPSS is hosting a course at Conception Abbey near Maryville, MO. This course will explore glacial till soils and challenge they present in wastewater treatment. In addition, we will tour and learn about the Conception Abbey wastewater treatment system which is a lagoon to surface dispersal system. Finally, a second site is available to look at lagoon to surface irrigation system that is DNR permitted. Join us for a great class of learning and outdoor experiences.

October 4, 2019
 Glacial Till Soils, Lagoons, Drip Irrigation and Surface Irrigation
 Location: Conception, MO - Conception Abbey
 Full day class: 8:30 AM - 4:30 PM
DHSS CEUs: General CEUs: 4.0; Select: Basic: 4.0, Advanced: 4.0,
 Inspector: 0, OSE: 4.0, Perc. Testers: 0
DNR CEUs: 3.0 Wastewater CEUs

_____ MSO or MAPSS Member price: \$65
 _____ MSO or MAPSS Non-member price: \$115

To become an MSO Member see next page, Membership is \$100 annually.
 To become a MAPSS Member, see subsequent page for qualifications.

**Please send registration form and payment to MSO at
 least 2 weeks prior to your class!**

Seminar Registration Guidelines (see complete guidelines on website):

- Registrant is required to notify the Executive Director as early as possible of a cancellation
- Refund policy as follows (full refund policy available online):
 - Cancellation received more than 7 days prior to seminar, full refund
 - Cancellation received between 2-7 days prior to seminar, 50% refund
 - Cancellation received less than 2 days prior to seminar, Registrant forfeits class fee

Registration Form

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Check here if you want to be signed up for email updates on classes: _____

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DHSS License Numbers:

Basic Installer: _____ Advanced Installer: _____

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Springfield, MO 65804

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CALL FOR PAPERS FOR 2020 MSO CONFERENCE

Missouri Smallflows Organization (MSO) will be hosting the 2020 MSO Conference & Trade Show at the Holiday Inn Executive Center in Columbia on January 21-22. The Education Committee is opening up the Call for Papers for presentations for the conference. These presentations must be educational, non-bias material that is subject to approval by the MSO Educational Committee.

Find the form at the link below and send in by September 30, 2019. After your abstract is approved by the Educational Committee, we will request your PowerPoint slides for review by the committee. These will be due by November 1, 2019. Requested changes or more description on your topics may be requested by the Committee.

Link to Application: <http://www.mosmallflows.org/annual-conference--trade-show.html>

We appreciate your application and look forward to working with you for the 2020 MSO Conference & Trade Show.

Best regards,

Tammy Trantham
Executive Director

Rick Wilcockson
Education Committee Chairperson



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UPCOMING SEMINAR SCHEDULE

MSO provides continuing education opportunities to Missouri onsite wastewater professionals. Use the form below and the Registration Form on page 23 to register for your classes.

Register early to save your seat! Register at least two weeks prior to the class!

Contact our office with any questions at 417-631-4027.

October 4, 2019 - Drip Irrigation & Surface Irrigation with Wastewater Treatment & Glacial Till Soils Examined

MSO & MAPSS Course

Location: Conception, MO - near Maryville

See page 20 for Registration Form

October 9, 2019 - Hydraulics of Onsite Systems

Location: Park Hills, Mineral Area College

Member price: \$105 | Non-member price: \$155

October 10, 2019 - Troubleshooting Onsite Systems

Location: Park Hills, Mineral Area College

Member price: \$105 | Non-member price: \$155

November 5, 2019 - Media Filters

Location: Jefferson City, Cole County Health Department

Member price: \$105 | Non-member price: \$155

November 6, 2019 - Troubleshooting Onsite Systemes

Location: Jefferson City, Cole County Health Department

Member price: \$105 | Non-member price: \$155

November 19, 2019 - Selling the System to Fite the Site

Location: Springfield, Valley Water Mill Park Equestrian Center

Member price: \$105 | Non-member price: \$155

November 20, 2019 - Onsite Pumps, Panels, & Electrical

Location: Springfield, Valley Water Mill Park Equestrian Center

Member price: \$90 | Non-member price: \$140

Seminar Refund policy available online at mosmallflows.org

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