ONSITE WASTEWATER
SUPER
CONFERENCE
2027
of PENNSYLVANIA

"Professionals working together to protect Pennsylvania's environment"

Attendee Registration Brochure

2027 Onsite Wastewater SUPER Conference of Pennsylvania

February 7-9, 2027

Penn Harris Hotel & Convention Center
1150 Camp Hill Bypass, Camp Hill, PA 17011

TWO STATEWIDE CONFERENCES IN ONE brought to you by:

PASEO
PENNSYLVANIA ASSOCIATION of SEWAGE ENFORCEMENT OFFICERS

Environmental Responsibility • Integrity • Ethics • Regulatory Compliance
Pennsylvania Septage Management Association
Founded 1986

The PA Septage Management Association **(PSMA)** will be joining with the PA Association of Sewage Enforcement Officers **(PASEO)** to offer a joint conference & trade show on **Feb 7-9, 2027 in Camp Hill, PA!**

The **Onsite Wastewater SUPER Conference of Pennsylvania** will offer an expanded list of educational opportunities for wastewater professionals to attend. We are **anticipating 300 attendees** from the regulatory, design, pumping, inspection, installation, manufacturing, and service/ maintenance communities.

We have also expanded our Exhibit Hall to include accomodate over **35 onsite wastewater vendors** who can help futher educate you about their products & services. We hope you can join us for this **SUPER** event!

JOIN FELLOW PROFESSIONALS!

Don't miss the 2027 Onsite Wastewater SUPER Conference & Trade Show! PASEO & PSMA have combined **TWO STATEWIDE CONFERENCES** into one! The SUPER conference is being held February 7-9, 2027, at the Penn Harris Hotel, Camp Hill, PA. This statewide event will provide a very special opportunity to learn from experts in the industry & network with your colleagues.

Sunday, February 7th – Optional Training:	1:00 p.m. – 4:30 p.m.
Sunday, February 7th – Welcome Reception:	6:00 p.m. – 8:00 p.m.
Monday, February 8th – Conference Activities:	8:00 a.m. – 8:00 p.m.
Tuesday, February 9th – Conference Activities:	7:00 a.m. – 4:00 p.m.

TRAINING & EDUCATION

Attendees can participate in an expanded offering of educational opportunities. There are optional Add-On training courses on Sun for those who want an extra dose of education. The main conference has **SIX EDUCATIONAL TRACKS** planned on Mon & Tue which consist of onsite wastewater breakout sessions suitable for both SEOs and contractors as well as the 2-day Installation of Onsite Wastewater Treatement Systems training course. (Additional fees apply for Sunday training course attendance.)

REGISTER TODAY BY PAPER OR ONLINE

To register for the SUPER conference, complete & return the enclosed registration form. Or, you can quickly register online (pay by credit card or check) at **www.PASuperConference.org. Early bird discount deadline is Jan 23rd. Registration closes on Feb 4th.** Cancellations must be made, in writing, by Jan 24th to receive a refund, less a $50 administrative fee. Registrations are processed by PSMA.

CONTINUING EDUCATION

Continuing education credits are available for both SEOs and PSMA SR1 Inspectors. PASEO has applied to PA DEP for approval of up to 4 SEO continuing education credits for qualified conference breakout sessions. If approved, one SEO credit is awarded per half day attended. DEP-approved training courses are approved based on the number of contact hours in the training course - see descriptions for specific details.

PSMA SR1 inspectors will recieve one continuing education credit for each qualified break-out session attended. A maximum of 8 PSMA SR1 credits can be earned from conference breakout sessions. Training course CE credit is awarded at the same rate as SEO credits.

QUESTIONS?

Contact PASEO at admin@pa-seo.org or PSMA at director@psma.net.

LODGING INFORMATION

Penn Harris Hotel & Convention Center
1150 Camp Hill Bypass
Camp Hill, PA 17011
(717) 763-7117
www.pennharrishotel.com



Located right off Highway 15, Penn Harris Hotel in Camp Hill, PA provides proximity to Harrisburgh's downtown just across the Susquehanna River.

Room Block: 2027 Onsite Wastewater Super Conference of PA
Rate: $115 per night plus tax. **Deadline to receive hotel group rate: January 23, 2027.**

To book your room, please call the hotel at (717) 763-7117. Be sure to mention the group block to receive the discounted rate. Hotel check-in: 3:00pm. Hotel check-out: 11:00am. There is also a direct booking link on the conference website: PASuperConference.org

If you're flying into Harrisburg International Airport (MDT), you can take advantage of the hotel shuttle to/from the airport.

ONSITE WASTEWATER SUPER CONFERENCE 2027 of PENNSYLVANIA

Brought to you by:

PASEO PENNSYLVANIA ASSOCIATION of SEWAGE ENFORCEMENT OFFICERS

PA Assn of Sewage Enforcement Officers
PO Box 41
Bethlehem, PA 18016
(717) 761-8648
www.PA-SEO.org

Environmental Responsibility • Pennsylvania Septage Management Association • Regulatory Compliance • Integrity • Ethics • Founded 1986

PA Septage Management Assn
PO Box 144
Bethlehem, PA 18016
(717) 763-7762
www.PSMA.net

REGISTER at www.PASuperConference.org

SCHEDULE OF EVENTS Subject to Change

Sunday, February 7th

1:00pm - 4:30pm	Optional Training Courses for Attendees
4:30pm - 6:00pm	Board of Directors Meetings (PASEO/PSMA)
6:00pm - 8:00pm	Welcome Reception with Exhibitors

Monday, February 8th

8:00am - 9:00am	Attendee Registration Open
8:00am - 9:00am	Hot Breakfast Buffet in Exhibit Hall
8:00am - 6:00pm	Exhibit Hall Open
9:00am - 12:00pm	Morning Educational Sessions
12:00pm - 1:30pm	Buffet Lunch
1:30pm - 4:30pm	Afternoon Educational Sessions
4:30pm - 6:00pm	Happy Hour Mixer in Exhibit Hall
6:00pm - 8:00pm	Buffet Dinner & Networking

Tuesday, February 9th

7:00am - 8:00am	Attendee Registration Open
7:00am - 8:00am	Hot Breakfast Buffet in Exhibit Hall
7:00am - 1:00pm	Exhibit Hall Open
8:00am - 11:00am	Morning Educational Sessions
11:00am - 12:00pm	PASEO/PSMA Regional Meetings
12:00pm - 1:00pm	Buffet Lunch
1:00pm - 4:00pm	Afternoon Educational Sessions
4:00pm	Conference Closes



EARLY BIRD DISCOUNT ENDS ON JANUARY 23, 2027

REGISTRATION CLOSES ON FEBRUARY 4, 2027

Sign up today at: www.PASuperConference.org

TRAINING COURSE & BREAK-OUT SESSION DESCRIPTIONS

Sunday, February 7, 2027

Eljen Geotextile Sand Filters Training Course (half day – 1:00am-4:30pm)
DEP Training Course #1002TECH-0087CLRM; 3 SEO CEUs
Instructor: Duane Mowery, Expert Septic
Description: This course will educate and familiarize SEOs with the approval for use of the Eljen GSF, the site/soil siting criteria and manufacturer's design and application requirements. This alternate classification permits the use of the Eljen GSF as an advanced treatment technology used on specific sites as applicable for performance, aesthetic, accessibility and enhanced placement reasons. Following completion of this course, SEO's will have independent permitting authority for this alternate technology.

Ecoflo in PA – Coco Biofilters Training Course (half day – 1:00am-4:30pm)
DEP Training Course #1008TECH-0087CLRM; 3 SEO CEUs
Instructor: Oran Biehl, Premier Tech
Description: Ecoflo Biofilters are advanced treatment systems that have been approved for use in PA as alternate systems. The focus of this half day, 3- SEO credit course will be the new EC7 Coco filter models. The course will provide a technical overview of the coco filter system and its performance in reducing BOD5 and TSS. General system design standards for both plastic and concrete tanks will be presented along with absorption area sizing criteria. Construction and installation techniques will be reviewed along with permitting guidance, as well as system operation and maintenance requirements.

Pressure Distribution- Understanding Demand Dosing, Time Dosing, & Flow Equalization Training Course (half day – 1:00am-4:30pm)
DEP Training Course #1001HYDR-0087CLRM; 3 SEO CEUs
Instructor: Steve Dadio, Rooted Environmental
Description: This course will educate Sewage Enforcement Officers with the overall concept of dosing pressure distribution systems and how dosing can promote long term functioning of the absorption areas. The course describes differences with demand dosing, time dosing, and flow equalization, and presents the advantages and disadvantages of each. The course will review the overall dosing requirements for Chapter 73 pressure dosed systems and the alternate system listing for the use of flow equalization in PA. Typical design scenarios will be reviewed for demand and time dosing as well as for flow equalization situations, so that the SEO can acquire experience in reviewing and determining compliance with PA standards. Attendees will learn how various control panels are designed to facilitate dosing schemes and also to provide useful information for ongoing system operations. The use of standard spreadsheets will also be introduced to help facilitate SEO design reviews.

Leaching Chambers in PA Training Course (half day – 1:00am-3:30pm + Pre-work)
DEP Training Course #1003TECH-0087BLEN; 4 SEO CEUs
Instructor: Adam Browning, Penn's Trail Environmental
Description: This course will educate Sewage Enforcement Officers (SEOs) about the use of leaching chambers as a substitute for aggregate in onlot sewage absorption areas. The training describes the use of chambers in PA as per its PA alternate system classification and provides SEOs with information needed for design review and installation inspections. Satisfactory completion of this 4-credit course approved by PADEP will allow SEOs to independently review and issue permits for systems employing chamber technology. **This training course has been developed using a blended approach of self-study learning modules, learning assessments, and a classroom setting course summary wrap-up. The Course Workbook guides participants through both the self-study and classroom portions of the course. Attendees must complete all Learning Assessment sections and bring the completed workbook to the classroom session.** When you register for the course, your confirmation email will contain a link to download the Course Workbook.

Monday, February 8, 2027

Installation of Onsite Wastewater Systems Training Course
Two days – M 9am-5pm & T 8am-4pm
DEP Training Course #1001INST-0001CLRM, 12 SEO CEUs
Instructors: Travis Haber, All County and Associates; Charlie Barkman, PennsylvaniaSeptic
Description: The PASEO/PSMA Installation of Onlot Wastewater Systems training course is being offered concurrently during the conference on Monday & Tuesday. If you opt to register for this training course, you will attend the two-day course instead of the various other breakout sessions. However, training course participants can take part in all of the conference breaks, meals, and networking opportunities. This course will educate installers in proper design and installation of septic systems so that systems operate effectively upon startup and are accessible for regular service over the life of the system. Topics covered will include: Industry Integrity, Installation Safety, Soils and Site Evaluation, Materials and Techniques, Installation Planning, Distribution Pressure and Gravity Systems, Tanks, Installation Piping, and Pumps & Controls. Successful completion will result in the individual being listed on DEP's website as having completed the installation course.

MORNING SESSIONS

Opening Keynote Session: State of the Environment
Presenter: Hon. Jessica Shirley, Pennsylvania Secretary of Environmental Protection
Description: Pennsylvania's DEP Secretary has been invited (attendance not confirmed) to provide an overview of the Department's environmental priorities for Pennsylvania with a special focus on clean water initiatives.

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Realtor–Inspector Relations and Septic System Listing Preparation
Presenters: Frank Parker, Parker Wastewater Consulting; Craig Morris, ALL4HIM Septic
Description: Real estate transactions involving properties served by onsite sewage disposal systems can present unique challenges for Realtors, property owners, buyers,

and septic system inspectors. Inadequate preparation, incomplete system records, limited access to system components, and misunderstandings about inspection procedures can lead to unexpected findings, transaction delays, additional expenses, and disputes. Effective communication and coordination between real estate professionals and septic inspectors can help minimize these problems while preserving the inspector's independence and professional responsibilities. This session will explore best practices for developing productive working relationships between PSMA septic system inspectors and real estate professionals, with particular emphasis on preparing Pennsylvania properties for listing and subsequent septic system inspections.

Norweco Singulair and Singulair Green ATU with Bio-Film Reactor
Presenter: Chase Mayle, Norweco Inc.
Description: Overview of the PA DEP approved Singulair and Singulair Green aerobic treatment units with Bio-Film Reactor. This session will go over how the technology works, installation, and service.

Siphon Dosing for Onlot Septic Systems
Presenter: Nick Melnick, Melnick Services Diversified LLC
Description: So the house is to be located upslope of the absorption area, and you decided you are going to use a siphon to pressure dose the system. Well maybe? Many criteria need to be evaluated to make that final decision. First site conditions will be reviewed and evaluated as a potential site for siphon use. Once a site evaluation establishes that a siphon may work we'll review siphons options and how they differ in function. To get a better grasp on determining if a siphon installation will work we'll create a siphon design illustrating calculations, discuss issues such as which type of siphon and size, dose tank selection, pipe sizing and lengths, and establishing a correct discharge hole size. Simultaneously while considering our design options, we'll review the regulatory requirements and see how they dictate our choices.

Understanding Limiting Zones and Seasonal High-Water Tables
Presenter: Russ Losco, Lanchester Soil Consultants
Description: Identifying the depth to seasonal high-water tables (SHWT) accurately is key to the proper functioning of on-site sewage disposal systems and stormwater management structures. Actually doing this in the field, however, can be frustrating and confusing. For example, how can we have an elevated sand mound, with a SHWT identified at 20 inches depth on the same site where a subsurface stormwater infiltration structure is proposed at 6 feet below grade and expect them both function? In this session we will try to dispel myths about Pennsylvania's soils and the very nature of SHWTs and limiting zones.

Legal Potpourri for Wastewater Professionals
Presenter: Martin Siegel, Barley Snyder
Description: This session will include an update of recent sewage-related legal developments over the past year, including actions by courts and DEP. Other issues, such as the importance of understanding Pennsylvania's Right-to-Know law, will also be addressed.

AFTERNOON SESSIONS

PSMA Inspection Reports- The Good, The Bad, & The Ugly
Presenter: Ray Erb, Thomas H. Erb & Sons
Description: One of the crucial aspects of a PSMA on-lot wastewater treatment inspection is the inspection report. This session will look at a variety of reports that have come to our attention, the good and the bad, and even the ugly. We will explore what makes a good report and a not so good one. How does the PSMA Inspection Standards direct the inspector to format his or her report? The use of templates in reports and a look at what is useful and what is not.

In-Ground Drip Dispersal Systems & PercRite Micromound Drip Systems
Presenter: Meghan Andress, PreDoC
Description: Attendees will gain knowledge on basic site testing, installation, and maintenance of the American Perc Rite Drip Dispersal system and the American Perc Rite Micromound. The session will include a brief background of each system type and focus on the design and installation and maintenance aspects of the technology. This session is used mainly on contractor days where the class attendees are focused on the testing and site evaluation as well as the installation and inspection. A brief overview of Soil Testing, Designer Layout, Design compilation, Tank Installation, Hydraulic Unit Installation, Control Panel Installation, and the field layout will be discussed. Surface installations are discussed as an alternative to sites where rocks and roots impede the installation of tubing at a depth of 6-12 inches below grade. A full description and instruction of the operation and maintenance of an American Perc Rite drip system will end the class where we focus on the maintenance of some of the most common pre-treatment units that we find on sites that have American Perc Rite drip dispersal systems.

Creating It All Equal - Low Pressure Dosed Trench Design
Presenter: Adam Browning, Penn's Trail Environmental
Description: This session is designed to aid attendees in understanding how to equalize discharge of effluent across varying elevation, low-pressure dosed septic laterals. Pressure is always the best, most effective method of equally distributing effluent. Do you understand how to achieve equalized discharge within the required 10 percent variation amongst trenches? Our goal is to provide the attendee with the design processes and calculations to optimize equalization. Ensure that your designs work, every time!

Exploring Soil Chemistry Related to Onlot Systems
Presenter: Mike Callahan, SoilHub
Description: In this presentation we will review key soil chemistry concepts related to onlot sewage disposal systems. Topics will include phosphorus, nitrogen and redoximorphic feature chemistry. Focus will be on how soil chemistry helps us identify soils suitable for effluent treatment and how soils impact nutrient fate and transport in the environment.

TRAINING COURSE & BREAK-OUT SESSION DESCRIPTIONS

History of the Act 537 Program
Presenter: Joe Valentine, VM Consulting
Description: Act 537 dates to 1966. The first regulations were developed by DEP in 1972. The SEO program and elevated sand mounds started in 1974. The last major regulation change occurred in 1982. There have been amendments to the Act and minor regulatory changes since then, but we are currently in the middle of a major regulatory change. To best understand where we are headed it is best to understand the past and how the program developed to date. This secession will review the history of the Act 537 program and provide the attendee with an understanding of the past and what the future might bring.

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Well Water Treatment and Septic System Performance: What Inspectors Need to Know
Presenters: Frank Parker, Parker Wastewater Consulting; Rachel Evangelista, Greenwick Septic
Description: Water softeners, iron filters, acid neutralizers, and other household well water treatment systems are common throughout Pennsylvania, but what impact do these devices have on the performance and longevity of onsite wastewater systems? This session will examine how various well water treatment technologies can influence septic tank function, wastewater chemistry, biological treatment processes, and soil absorption system performance. Particular attention will be given to water softener regeneration cycles, salt brine discharge, backwash volumes, and the potential effects of treatment chemicals on septic system operation. Participants will learn to distinguish between documented risks, common misconceptions, and conditions that warrant further investigation. This session will also explore how PSMA septic system inspectors should account for household water treatment equipment when conducting real estate transfer inspections and evaluating existing systems.

The Do's and Don'ts of Installing, Maintaining, and Servicing JET BAT Media Systems
Presenter: Kyle Bianco, JET Inc.
Description: The session will provide an overview of the Jet BAT® media system. This will include a brief history of the system's industry leading evolution, proper installation techniques, and service and maintenance tips and tricks to help ensure system performance and longevity. The session will highlight common issues observed in the field and attendees should anticipate learning about troubleshooting procedures and proper functionality of variable Jet components.

Introduction to Pressurized UV Lights
Presenter: Oran Biehl, Premier Tech
Description: The purpose of a UV disinfection unit is to reduce the concentration of fecal coliforms. The operating principle of the UV disinfection unit is to expose microorganisms to a given dose of ultraviolet rays. The dose depends on the time of exposure and the intensity of the rays; the applied flowrate on the UV unit ensures an optimal exposure time providing the required dose. This session will cover where UV lights are required and how to service & design with the DiUV (pressurized UV).

Identification of Wetlands
Presenter: Steve Dadio, Rooted Environmental
Description: Regulated aquatic resources such as wetlands, streams, and ditches are common across all parts of Pennsylvania. This session seeks to provide information regarding how these features can be identified and how they impact the siting of on-lot wastewater disposal systems. Additionally, guidance will be provided as to the regulatory steps that are required if these features are to be impacted through the routing of wastewater from the structure to the absorption area.

PA Act 287 for Excavators
Presenter: Brett Jones, Pennsylvania One Call System
Description: Learn the fundamentals of safe excavation and damage prevention, including excavator responsibilities under PA Act 287, as amended, prudent digging techniques in the tolerance zone, the APWA color guide, the four components of a good mark, and the value of preconstruction meetings in supporting safe, well-coordinated excavation projects.

Tuesday, February 9, 2027

MORNING SESSIONS

Home Plumbing Issues Every Septic Inspector Should Know
Presenters: Shaun Stokes, Totally Stoked Services, Rachel Evangelista, Greenwick Septic
Description: A septic system's performance is directly influenced by the plumbing fixtures, appliances, and drainage systems inside the home. Leaking toilets, dripping faucets, malfunctioning fixtures, excessive water usage, and improper plumbing connections can introduce unexpected hydraulic loads into an onsite wastewater system, potentially affecting its performance and contributing to premature failure. For septic system inspectors, understanding these connections is essential to conducting a thorough evaluation and distinguishing between problems originating inside the home and those associated with the septic system itself. This session will examine common residential plumbing conditions that can influence septic system performance, with particular emphasis on their significance during septic system inspections in Pennsylvania.

Approved Infiltrator Products in Pennsylvania
Presenters: Brian Martucci & Ron Vitarelli, Infiltrator Water Technologies
Description: Infiltrator Water Technologies is the leading manufacturer of onsite wastewater products in North America. This presentation provides an overview of the Infiltrator Onsite products approved for use in Pennsylvania, including Chambers, EZflow, Tanks, and Risers. Its purpose is to increase awareness of these products while providing education on their appropriate applications, basic design considerations, and installation best practices.

TRAINING COURSE & BREAK-OUT SESSION DESCRIPTIONS

Protecting Absorption Areas Through the Use of Time Dosing
Presenter: Duane Mowery, Expert Septic
Description: In this session, the attendees will be familiarized with some existing and legacy pump time dosing controls and will have the opportunity to become acquainted with the benefits and the power of time dosing accompanied by historical data collection. A part of this presentation will involve actual situations where data from time dosing panels has been used to successfully diagnose conditions detrimental to long term absorption area performance BEFORE a malfunction manifested itself.

Fragipans
Presenter: Russ Losco, Lanchester Soil Consultants
Description: Fragipans are probably the most common and widespread type of limiting zones found in Pennsylvania. How did these unusual features come to be and how do we deal with them? Although their origins are still highly debated, we will delve into what is known about them and how they may have formed. More importantly, we will discuss what they are, what they are not and how we can live with them and still have on-site sewage disposal systems that function properly.

Understanding Real-Time Kinematics and the Global Navigation Satellite System
Presenters: Adam Browning, Penn's Trail Environmental
Description: The days of triangulating existing feature locations with a tape measure and roll-a-tape are quickly going away. This presentation is intended to explain how RTK GNSS works, the benefits, how to use it and how to integrate it into the SEO's daily work routine. While not quite as precise as professional survey's, sub-meter and even sub-centimeter accuracy can be achieved in a fraction of the time SEO's might currently experience with traditional methods. Add another level of professionalism to your tool kit!

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Understanding Buoyancy
Presenters: Ron Naumann & Claude Goguen, National Precast Concrete Association
Description: Buoyancy applies to more than just objects that float in air or water; it also applies to objects surrounded by soil. In the right conditions, buoyant forces can be significant enough to lift a buried structure out of the ground. Therefore, understanding the forces that act on buried structures, how to calculate buoyant forces and how to counteract buoyant forces is critical for proper design and installation of these structures. During this presentation, we will first explore the concepts of weight, volume and density, and learn how density relates to an object's buoyancy. Then we will discuss the main forces that act on underground structures and learn how to determine whether those forces will cause the structure to float. Next, we will demonstrate the calculation of buoyant forces on a typical buried precast concrete tank under different conditions, and finally we will discuss countermeasures that can be taken to prevent flotation. This is essential information for those who design, manufacture, install, regulate, and inspect underground structures.

Commercial AdvanTex Applications: Solving Challenging Wastewater Projects in PA
Presenter: Brent Hershey, Thomas H. Erb & Sons
Description: Commercial and mixed-use wastewater projects often present treatment, disposal, and permitting challenges that require solutions beyond conventional onsite systems. This session explores how Orenco AdvanTex technology can be applied to a variety of commercial applications, including churches, schools, mixed-use developments, businesses, and small flow treatment facilities. Attendees will gain insight into where advanced treatment can provide value, key planning and design considerations, regulatory factors, and lessons learned from real-world Pennsylvania projects. The presentation will focus on identifying opportunities, overcoming site constraints, and achieving successful long-term system performance.

Septic Detective
Presenter: Jeff Rachlin, OnSite Management
Description: Do you want to be a septic sleuth? Participants of this interactive breakout session will have the chance to put their inspector skills to the test. Real-world issues that inspectors face in the field will be presented to attendees who in turn will try to recognize the problem, identify the cause, and develop a potential solution. New and seasoned inspectors will benefit from the discussion of how best to discover concerns with onsite systems.

Identifying & Dealing with Biomats
Presenter: Joe Valentine, VM Consulting
Description: A biomat is a layer of partially decomposed organic waste often found at the contact of the aggregate and soil or sand that reduces the permeability of the soil or sand. This presentation will address issues associated with the development of biomats including how and why they form and are they needed for renovation. If a biomat is identified, attendees will learn what can be done to remove it and what can be done to prevent them from forming.

Identifying, Investigation, and Mapping Underground Features
Presenters: Greg Finkle, Trinity Subsurface LLC
Description: Successful land development begins with understanding what lies beneath the surface. This session will be focused on the technologies, methodologies, and best practices used to identify, locate, and map underground utilities, voids, and subsurface anomalies before design and construction begin. The presentation will explore ground penetrating radar (GPR), electromagnetic utility locating, and subsurface utility engineering (SUE), including the differences between quality levels and their applications during site development. Attendees will gain insight into how these technologies can identify buried infrastructure, detect potential subsurface conflicts, and provide valuable information when existing utility records are incomplete, outdated, or unavailable. The presentation will demonstrate how accurate subsurface investigations and utility mapping can improve design decisions, reduce project risks, minimize costly utility conflicts, and prevent construction delays.

TRAINING COURSE & BREAK-OUT SESSION DESCRIPTIONS

AFTERNOON SESSIONS

Precast Concrete Grease Interceptor Design
Presenters: Ron Naumann & Claude Goguen, National Precast Concrete Association
Description: As communities across America are struggling to maintain aging sewers, it is more important than ever to manage harmful discharges that may compromise the effectiveness of the system. Precast concrete grease interceptors play a major role in pretreating grease-laden waste streams and protecting the sewer systems. They must be designed to provide easy access for maintenance and be sized to hold large quantities of grease to reduce pumping/cleanout costs. Large precast concrete grease interceptors have a proven history of adequately separating grease from wastewater before being discharged into sewers at regulation quality. This is precisely what jurisdictions want a grease interceptor to do. But as more of these large precast grease interceptors are specified, questions arise about how to size and configure them. This course will cover elements of proper design of precast concrete grease interceptors, including sizing, placement of baffling tees and filters as well as anticipated loading conditions

PSMA Inspectors Roundtable
Presenters: Ray Erb, Thomas Erb & Sons + PSMA Panel
Description: The panel of PSMA trainers will discuss how inspectors can identify common issues with onsite wastewater systems. Both newly certified and veteran inspectors will benefit by exploring real-life inspection issues with the panelists. Learn how they resolved some of the tough cases. A special focus will be placed on unique Hydraulic Load Test scenarios. Come and share your experiences & bring your questions.

A Refresher on Planning Modules
Presenters: Walter Schneider, Centre Region Code Administration
Description: Pennsylvania's Sewage Facilities Planning process is a critical component of land development and environmental protection, yet navigating the various planning requirements, module components, and approval procedures can be challenging for both applicants and regulators. This session will provide a practical overview of the sewage facilities planning process under Act 537 and Chapter 71 regulations. Participants will review the purpose and applicability of the various sewage facilities planning modules, including when each is required, how the necessary documentation is prepared, and the respective responsibilities of applicants, sewage enforcement officers, municipalities, and PA DEP. Emphasis will be placed on helping participants better understand the planning process, identify the appropriate planning pathway for different development scenarios, and facilitate more accurate and efficient module preparation and review.

Measuring Liquids Contained in an Aggregate Absorption Area
Presenter: Jeff Rachlin, OnSite Management **Description**: The absorption area is the most critical component of an onsite wastewater treatment system. This session will discuss an aggregate absorption area's capacity to accept liquid effluent and how an inspector can measure the liquid it contains. The history & science behind the PSMA dry aggregate rules will be explored as will their proper application during a septic inspection.

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Closing Plenary Session: PA DEP Program Update
Presenters: PA DEP Central Office staff
Description: Representatives from Pennsylvania's Department's Central Office offices will provide the latest news affecting the onsite wastewater program in Pennsylvania including the status of the proposed draft Chapter 71-73 regulations.

****** ALL TRAINING COURSES & BREAKOUT SESSIONS ARE SUBJECT TO CHANGE. ******

Continuing education credits are available for both SEOs and PSMA SR1 Inspectors for attending breakout sessions. PASEO has applied to PA DEP for approval of up to 4 SEO continuing education credits for qualified conference breakout sessions. If approved, one SEO credit is awarded per half day attended.

PSMA SR1 inspectors will recieve one continuing education credit for each qualified break-out session attended. A maximum of 8 PSMA SR1 credits can be earned from conference breakout sessions.



EARLY BIRD DISCOUNT: JAN 23, 2027
REGISTRATION CLOSES: FEB 4, 2027

Register online today at www.PASuperConference.org

2027 Onsite Wastewater SUPER Conference of Pennsylvania
CONFERENCE REGISTRATION FORM

Please note: Registrations must be received by **February 4, 2027. Early Bird Discount** is offered to registrations received by **January 23, 2027.** Register online at **www.PASuperConference.org** (pay by credit card or check). Please complete one registration per attendee. If you would like to attend an Add-On training course, you must also be registering for the conference.

ATTENDEE INFO:

Attendee Name: _____ SEO #_____

Company/Jurisdication: _____

Street Address: _____

City: State: Zip Code: _____

Phone: _____ Email: _____

SEOs should use the email from your CWA account.

REMEMBER: Be sure to indicate your desired education sessions on the reverse side of this form.

Please indicate the association with which you are PRIMARILY affiliated (check ONLY ONE box):
Members of PSMA, PASEO, PAPSS, and POWRA are eligilbe for the member rates.

☐ PSMA ☐ PASEO ☐ PAPSS/POWRA ☐ Not Listed

REGISTRATION FEES:

Annual Conference: *(Early Bird thru Jan 23)* ☐ $350 Member Early Bird ☐ $475 Non-Member Early Bird
☐ $400 Member Standard ☐ $525 Non-Member Standard $_____

Installation of Onsite Systems Course ☐ $400 Member ☐ $525 Non-Member $_____
(Register for the Installation Course INSTEAD OF the Conference.)

Optional Add-On Training Courses: *(Must be registered for Annual Conference or Installation Course to attend these. Space is limited.)*
Sunday, Feb 7th -

Eljen Geotextile Sand Filters ☐ $50 Member ☐ $60 Non-Mbr $_____

Ecoflo in PA – Coco Biofilters ☐ $50 Member ☐ $60 Non-Mbr $_____

Pressure Distribution-Demand / Time Dosing, & Flow Equal. ☐ $50 Member ☐ $60 Non-Mbr $_____

Leaching Chambers in PA ☐ $70 Member ☐ $80 Non-Mbr $_____

All-Inclusive Meal Ticket for Your Guests *(e.g., spouse)*: _____ @ $195 per ticket $_____
(Includes access to all meal events; does not include access to classes.)
Guest Name(s):_____

TOTAL DUE $_____

METHOD OF PAYMENT:

☐ Check Enclosed (make checks payable to PSMA, PO Box 144, Bethlehem, PA 18016)

Credit Card: ☐ Visa ☐ MasterCard ☐ Discover ☐ AMEX

Credit Card Number:_____ Exp. Date:_____ Security Code:_____

Name on Card:_____ Signature:_____

Please submit completed registration, along with full payment to:
PSMA, P.O. Box 144, Bethlehem, PA 18016 or **REGISTER ONLINE** at www.PASuperConference.org

OVER ⇨

2027 Onsite Wastewater SUPER Conference of Pennsylvania

☑ Select Your Session Choices Below

SUNDAY - Feb 7th - OPTIONAL ADD-ON COURSES (extra fees apply)				
1:00pm-4:30pm	☐ **Eljen Geotextile Sand Filters – Training Course** DEP Course ID# 1002TECH-0087CLRM; 3 SEO CEUs 1:00pm-4:30pm +$50 mbr/$60 non-mbr	☐ **Ecoflo in PA-Coco Biofilters - Training Course** DEP Course ID# 1008TECH-0087CLRM; 3 SEO CEUs 1:00pm-4:30pm +$50 mbr/$60 non-mbr	☐ **Understanding Pressure Distribution - Training Course** DEP Course ID# 1001HYDR-0087CLRM; 3 SEO CEUs 1:00pm-4:30pm +$50 mbr/$60 non-mbr	☐ **Leaching Chambers in PA - Training Course** DEP Course ID# 1003TECH-0087BLEN; 4 SEO CEUs 1:00pm-3:30pm + Pre-work +$70 mbr/$80 non-mbr
6:00pm	☐ Yes, I plan to attend the welcome reception 6pm-8pm on Sunday evening. ☐ No, I won't be attending			

Please indicate which educational sessions/courses you plan to attend by checking the box next to the desired title in each time slot. You must be pre-registered to attend a training course - we cannot accommodate training course walk-ins.

MONDAY - Feb 8th						
9:00am	☐ Opening Comments & Keynote Address - State of the Environment					☐ **Installation of Onsite Wastewater Treatement Systems Training Course** DAY 1 of 2 DEP Course ID# 1001INST-0001CLRM 12 SEO CEUs 9:00am-5:00pm (no extra charge)
10:45am	☐ Realtor–Inspector Relations and Septic System Listing Preparation	☐ Norweco Singulair and Singulair Green ATU with Bio-Film Reactor	☐ Siphon Dosing for Onlot Septic Systems	☐ Understanding Limiting Zones and Seasonal High-Water Tables	☐ Legal Potpourri for Wastewater Professionals	
1:30pm	☐ PSMA Inspection Reports- The Good, The Bad, & The Ugly	☐ In-Ground Drip Dispersal Systems & PercRite Micromound Drip Systems	☐ Creating It All Equal - Low Pressure Dosed Trench Design	☐ Exploring Soil Chemistry Related to Onlot Systems	☐ History of the Act 537 Program	
3:15pm	☐ Well Water Treatment and Septic System Performance: What Inspectors Need to Know	☐ The Do's and Don'ts of Installing, Maintaining, and Servicing JET BAT Media Systems	☐ Introduction to Pressurized UV Lights	☐ Identification of Wetlands	☐ PA Act 287 for Excavators	
4:30pm	☐ Yes, I plan to stay for the happy hour & buffet dinner reception 4:30pm-8pm on Monday evening; ☐ No, I won't be staying					

TUESDAY- Feb 9th						
8:00am	☐ Home Plumbing Issues Every Septic Inspector Should Know	☐ Approved Infiltrator Products in Pennsylvania	☐ Protecting Absorption Areas Through the Use of Time Dosing	☐ Fragipans	☐ Understanding Real-Time Kinematics and the Global Navigation Satellite System	☐ **Installation of Onsite Wastewater Treatement Systems Training Course** DAY 2 of 2 DEP Course ID# 1001INST-0001CLRM 12 SEO CEUs 8:00am-4:00pm (no extra charge)
9:45am	☐ Understanding Buoyancy	☐ Commercial AdvanTex Applications: Solving Challenging Wastewater Projects in PA	☐ Septic Detective	☐ Identifying & Dealing with Biomats	☐ Identifying, Investigation, and Mapping Underground Features	
1:00pm	☐ Precast Concrete Grease Interceptor Design	☐ PSMA Inspectors Roundtable	☐ A Refresher on Planning Modules	☐ Measuring Liquids Contained in an Aggregate Absorption Area		
2:30pm	☐ Closing Ienary Session: PA DEP Progam Updates					
4:00pm	Conference Close					

MESSAGES FROM SPONSORING ASSOCIATIONS

PASEO
PENNSYLVANIA ASSOCIATION of SEWAGE ENFORCEMENT OFFICERS

WESTERN CONFERENCE & TRADE SHOW

March 8-9, 2027
Monroeville Convention Center
209 Mall Blvd, Monroeville PA 15146

Exhibitor & Attendee registration information for PASEO's Western Conference will be distributed separately in the New Year. PASEO is planning two days of two tracks of training courses for SEOs in western Pennsylvania. Keep an eye out for more info or visit www.PA-SEO.org.

PASEO SEO PRE-CERTIFICATION ACADEMY

PASEO is planning to hold four in-person SEO Academies in 2027 at different locations around Pennsylvania.

Approximate dates/locations include:

May 2027 - BERKS COUNTY

June 2027 - CENTRE COUNTY

October 2027 - BEAVER COUNTY

October 2027 - YORK COUNTY

More info on the
SEO Pre-Certificationn Academy can be found at:

www.PASEOAcademy.org

Environmental Responsibility • Integrity • Regulatory Compliance • Ethics
Pennsylvania Septage Management Association
Founded 1986

PSMA SPRING TRAINING

March 30-31, 2027
Holiday Inn Grantville
604 Station Rd, Grantville, PA 17028

Obtain or maintain your professional designation as a certified PSMA inspector of onsite wastewater treatement systems.

PSMA Spring Training will include four certification course options for inspectors:

101 BASIC INSPECTOR CERTIFICATION
102 ADVANCED INSPECTOR CERTIFICATION
103 EXPERIENCED INSPECTOR CERTIFICATION
SR1 STANDARDS REFRESHER CERTIFICATION

Info will be available for PSMA members shortly. Visit www.PSMA.net for more information about PSMA inspector certification courses.

Other opportunites to obtain or maintain your certification in 2027 tentatively include:

July 2027 - 101 Basic
Easton, PA area

September 2027 - 101 Basic & 102 Advanced
Morgantown, PA

December 2027 - 101 Basic
Lansdale, PA

More info at www.PSMA.net

c/o PSMA
PO Box 144
Bethlehem, PA 18016

Register online at www.PASuperConference.org

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For further conference details, visit **www.PASuperConference.org**