



Season Greetings

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COWRA Brochures are available to our members at \$33.72 per 100, including shipping



CONNECTICUT ONSITE WASTEWATER RECYCLING ASSOCIATION
SUPPORTING CONNECTICUT AND OUR ENVIRONMENT

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December 2012

Happy Holidays

Letter from the President

Dear COWRA Members,

Happy Holidays to all of you and hopes for a very joyful New Year.

I want to thank our many members who joined us for our 2012 Annual Meeting held at the Hawthorne Inn.

I thank our vendors for their generous support at this year's Annual Meeting. I ask our members, when looking for supplies, please, remember those vendors who support us each year.

Special thanks to Matt Pawlik of the Connecticut Department of Public Health for joining us for this year's meeting and speaking to our members.

I enjoyed spending time with our members and hope all of you had a great time. I look forward to seeing all of you next year.

I wish all of you a Happy Holiday Season and a wonderful New Year

Sincerely,
Frank R. Talarico
COWRA President

New Member Profile COWRA WELCOMES

Shaun Duffy joined us this December. Shaun is the Sanitarian responsible for inspecting new septic systems and septic repairs in the Norwalk area. Shaun is Sanitarian with the Norwalk Public Health Department. He will be taking COWRA's 2013 Installer Course beginning in January. He has been with the Norwalk Health Department for several years. To learn more about Shaun and the Norwalk Health Department visit them on the web at: www.norwalkhealthdept.org

COWRA'S 2012 Annual Meeting

On November 3, 2012 COWRA held its Annual Meeting at the Hawthorne Inn Restaurant in Berlin CT.

At our 2012 Annual Meeting, held at the Hawthorne Inn, members enjoyed an evening of good food and good company with fellow members. Members visited with our vendors who spent time explaining their product lines. Our vendors supplied generously-donated products and gifts for our door prizes.

After a great meal and a brief business meeting, Matt Pawlik of the DPH spoke to our members about topics discussed at the last Code of Advisory Committee, including the Tier approach to septic inspection, designed by board member Gary Yuknat and the new formulation for credit rating in leaching fields that will be implemented in the next Technical Standard, to be released in 2014.



David Evans spoke briefly regarding legislation affecting the wastewater industry that arose during the year. For over twenty years, David has been reviewing laws proposed before the CT legislature that could have an affect the wastewater industry in Connecticut. His

participation has helped our organization stay abreast of changes that might affect our business.



Our members and vendors were entertained by comedians Ed Galvin and John Perrotta. In a very funny but brutal show, our members where attacked, teased and somewhat humiliated in a comedy show that was gut-splitting funny, providing you were not that moment's victim. We thank all our members for being such good sports in a very surprising show of comedy.

COWRA would like to thank all our members who joined us for our 2012 Annual Meeting. Special thanks to Mr. Matthew Pawlik of the Connecticut Department of Public Health, who joined us as our honored guest.

COWRA thanks David Evans of Evans Associates for speaking to our members and for taking such good care of our organization over the many years.

2012 Annual Meeting Vendors

COWRA would also like to thank the following vendors who displayed their products and were on hand to explain their products to our members. We thank all our vendors for their support of our organization and for their many generous donations of door prizes.

We thank Brian McCutcheon, Jon Gavin and Ken Mackenzie who joined us from United Concrete Products.



United Concrete was founded in 1954, specializing in precast concrete products. They are located in Yalesville, CT.

United is a family-run business that offers a diversified line of municipal and state-approved products. Their 73,000 square foot facility enables United

Concrete to service commercial and residential customers, as well as manufacture custom products.

For over 50 years, United Concrete Products has offered a wide range of environmentally conscious precast concrete products to the wastewater industry. United Concrete has over 250 products for both residential and commercial use.

Their in-house steel fabrication shop, Beauchemin Steel, enables them to take a new product from concept to production and reduce development time. United Concrete products include septic tanks, leaching galleries, manholes, utility product yard drains, oil / water separators and pump stations, to name a few. Whether the customer's needs are large or small, United Concrete is ready to work it out for its customers.

United Concrete can provide Septic Tanks from 1000 Gallon to 4000 Gallon with Regular, Low-boy and Heavy-Duty tanks in those sizes. They provide Low Profile Leaching Galleys (also HS-20) from 12" to 24" and from 12" to 24", 4'x4'x4' and 4'x8'x4' Galley Leaching Chambers, both sizes also come in HS-20. Igloo Galley Leaching chambers are available and 2200- and 900-Gallon Dry Wells. Pump Chambers are available from 1000 Gallon Pump Chamber HS020 – 4500 Gallon Pump Chamber HS-20. Grease Traps can be purchased from their 1000 Gallon Regular Grease trap or 1000 – 4500 Gallon Grease Trap HS-20.

These are just a few of the quality products that United Concrete Products provides to our industry. For more information about these products or for a complete list of their products, including downloads of engineering data, visit them on the web at www.unitedconcrete.com.



We thank Infiltrator Systems who sponsored our meeting.

Infiltrator Systems Inc. (ISI) is the world's leading manufacturer of plastic leachfield

drainage chambers for environmental onsite wastewater solutions. Our chambers, a direct replacement for stone and pipe leachfields, have revolutionized the septic industry. They provide cost-effective, efficient methods for handling residential and commercial wastewater.

ISI is the only chamber company that both manufactures its own products and sells to its customers through national distribution. Our trained sales reps work in the field to provide product, installation and technical support.

ISI systems are approved in all 50 states and all 10 Canadian provinces with up to a 50% smaller footprint as compared to stone and pipe systems. There are over 1.5 million Infiltrator systems installed and more than 42 million chambers in-ground worldwide. Our systems have stood the test of time with a history of performance since 1987. Today, one in four septic systems in the U.S. is an Infiltrator chamber system.

Infiltrator Systems Inc. has revolutionized the onsite septic industry. What began in our Founder's own backyard as a great idea for a new leachfield drainage technology is now a worldwide environmental solution for the onsite wastewater industry. Developed in 1987, their products improve the performance of onsite septic systems by delivering greater infiltrative capacity and long-term reliability. Our technology is based on fundamental principles of physics, soil science and geology and it offers performance advantages that have furthered the industry's goals of protecting public health, improving water quality and conserving precious natural resources.

Today, Infiltrator is a worldwide company with nearly 400 employees. With innovative products and services, ISO-9002 certified manufacturing facilities, creative recycling solutions and the development of new subsidiaries, Infiltrator is poised to offer a total approach to water quality. The future lies in a global effort to identify new technologies and to improve water quality and wastewater management worldwide.

We thank Jim King who joined us from Eljen Corporation



Eljen Corporation has developed innovative environmental Products and Solutions for onsite wastewater treatment, erosion control and stormwater industries.

Established in 1970, Eljen Corporation created the world's first prefabricated drainage system for foundation drainage

and erosion control applications. In the mid-1980s, they introduced their Geotextile Sand Filter products for the passive advanced treatment of onsite wastewater in both residential and commercial applications. Today, Eljen is a global leader in providing innovative products and solutions for protecting our environment and public health.

Eljen Corporation is committed to advancing the onsite industry through continuous development of innovative new products, delivering high quality products and services to their customers at the best price and building lasting partnerships with their employees, suppliers, and customers.

Eljen products include the Eljen GSF Geotextile Sand Filter, a passive advanced Treatment Technology. Their Mantis GSF Geotextile Sand filter is a revolutionary leach field that is easy to install. The Mini/Max Absorption System encourages recycling of pretreated effluent. It minimizes the footprint and eases access and installation in difficult-to-reach locations. Eljen Prefabricated Drainage Systems are the industry's first Non-Aggregated Drainage Systems. They have developed improved water management on slopes which comprise two systems for both surface and subsurface water control.

Eljen Waterproofing Protection and Drainage systems provide a major advantage over other technologies. To learn more about these products and other Eljen products please visit them on the web at www.eljen.com

We thank Kevin Brown who joined us from of Blake Equipment Company



Blake Equipment is in the business of "Fire and Water" - providing mechanical systems, controls and services to industrial, municipal, commercial and power generation markets wherever there is a need to pump, heat and treat water or steam. From design through the life of systems Blake Equipment has championed customers in

Connecticut and Western Massachusetts for over 70 years with design support, sales, parts and service of "Best in Class" products and value.

Whether you're installing a pumping system, proprietary septic system, replacing existing equipment, or required

maintenance and repair work Blake Equipment will keep you on-line and keep you there with maximum efficiency, always at the most competitive price. **Civil Pumps and Plumbing-** Blake Equipment Co. has served facilities, contractors, and municipalities for over 70 years with "Solutions for Peak Performance" to help manage a wide range of pumping and plumbing needs. Whether a part, pump, system retrofit or emergency service is needed Blake Equipment Company is there for you!

Blake installs Waste Ejector Systems for municipal, commercial, industrial and institutional applications. Blake Equipment provides the best in class packaged ejector systems in simplex or duplex design.

Blake Equipment employees are the industry's best factory trained and licensed technicians, so you can expect the best technicians available when you need service as Blake. Each of their technicians is fully licensed to work on equipment. Their technical licenses include: Number 1-6 oil Master Burner License, Natural Gas License, Propane License, Electrician License, Plumbers License, and ASME Code Piping.

Investing heavily in training continues to be a main goal for Blake Equipment. Blake provides factory authorized training to their technicians on all of their product lines and many additional manufacturers. Blake prides itself in providing superior customer service. For more information about Blake Equipment Company visit them on the web at www.blakeequip.com.

Don Smyth joined us from Polylok Zabel



Polylok began in 1984 and is a supplier of plastic injection molded products for the precast concrete and onsite wastewater industries. Their home office is in Wallingford CT, though they have partnerships with several supply houses across the

United States and Canada. Polylok designs, manufactures and ships their products from their Wallingford location. Polylok holds over 45 patents and produces over 100 products for the precast, drainage and onsite wastewater industry.

Polylok has a full-time engineering and design team that continually focuses on improving their existing products and developing new ones. Yet, at the same time, Polylok keeps costs down by combining their business office with their manufacturing and warehousing facility.

From its inception, Polylok has been a company focused on delivering innovations to the precast, drainage and onsite wastewater industries. In 1995 Polylok introduced the Equalizer. This product changed the installation of septic tanks for many installers. The

Equalizer is used to self-regulate the flow of effluent to the leach field.

Their PL-122 Filter is designed for residential and light commercial use. Its patented filter ball serves two purposes: it deflects gases in the tank and it automatically inhibits the flow of solids into the leaching fields.

Polylok's D-Box seal accepts multiple pipe sizes while ensuring watertight performance. One of the D-boxes offered by Polylok allows for multiple inlets and outlets, has stabilizing feet to prevent frost from lifting it up and ensures watertight performance with the Polylok D-Box Seal.

In 2005 Polylok introduced the Orifice Diffuser that evenly disperses effluent while reducing the possibility of clogging distribution lines.

These are just a few of the innovative products that Polylok, in their commitment to their customers, has introduced to the wastewater industry. For more information on their product line visit them on the web at www.polylok.com.

COWRA 2013 Installer School

COWRA is accepting applications for our 2013 Installer School. Students enrolled in the Installer School are automatically enrolled in the Pumper/Cleaner School. Both Schools will be held at Wesleyan University in Middletown CT. Classes for the Installer School will begin on Thursday January 17, 2013 and run for 6 consecutive Thursdays.

Topics for the Installers School include- Septic Tanks: design, structure, function; watersheds and drainage profiles; Soils: physical characteristics, profiles and types, identification; Site Conditions: deep hole and percolation testing, plumbing and pipe configuration; Distribution Systems; Leaching fields; Trenches, Dry wells, Galleries; Curtain Drains; Biomat; Septic Failures; Transit work and Surveys; Septic Design: MLSS, plans and sketches, forms, etc.

The school will cover all sections of 19-13-B103 and 19-13-B100a of the CT Public Health Code, Technical Standards and the Design Manual for subsurface sewage disposal systems. Example questions of the type encountered on the Installer exam will be covered. Practical exercises will be assigned for class work and field-encountered problems will be discussed. Students will need to obtain a calculator and an engineer's ruler for the course.

COWRA 2013 Pumping/ Cleaning School

COWRA is accepting applications for our 2013 Pumper/Cleaner School. This course will be held on February 21, 2013 at Wesleyan University in Middletown CT. Topics included are- Septic Tanks: design, structure, function; Watersheds and Drainage Profiles; Outlet filters; Port-o-lets, etc.

The school will specifically cover sections of the CT Public Health Code 19-13-B103 General Provisions (pages 5 and 6 in the code) and 19-13-B100a, as well as the Technical Standards Section V on Septic Tanks (pages 28-32 in the code), Chapter 9 on Septic Tanks and Grease Traps from the Design Manual.

The majority of the questions on the Pumper/Cleaning exam come from the parts of the Code, the Technical Standards and the Design Manual.

Materials for School

Materials you will receive: updated CT Public Health Code 19-13-B103 & Technical Standards for Subsurface Sewage Disposal Systems (SSDS), Design Manual for SSDS, a Study Guide & other handout.

The Cost of the Installers School is \$245.00 tuition fee for COWRA members & their employees. Non-member's tuition fee is **\$450.00**. Manuals are included in the cost of each course.

The Cost of the Pumper/Cleaner class for students **not** taking the Installer course is **\$80.00**.

Dates to Remember

COWRA Membership Renewal Forms must be received by **February 15, 2013** to guarantee your updated listing in our Consumer Directories. Please return the form promptly.

Installer and Pumper/Cleaner School applications must be in by January 11, 2013 to avoid a late fee.

Pumper & Cleaner Environmental Expo Indianapolis IN, February 25th through February 28th 2013

The annual Pumper and Cleaner Environmental Expo is the world's largest annual convention and trade show for liquid waste management and sewer / drain cleaning professionals. This year there will be over 80 seminars for attendees to choose from.

The education day is scheduled for Monday February 25th 2013 and will be devoted entirely to continuing education. Seminars will continue on Tuesday February 26th 2013 and Wednesday February 27th 2013.

Those attending this year's Expo will benefit from the extensive education program and will be able to view the wide range of equipment and new technology that will be displayed at the show.

To learn more about the Pumper/Cleaner Expo and how to register to attend please visit them on the web at www.pumpershow.com or call Julie Gensler, Trade Show Coordinator at 866 933 2653.

Membership Renewal

COWRA members were mailed the 2013 membership renewal form last week. We ask our members to be prompt in returning their updated forms and membership dues. It is through the membership dues that we are able to provide valuable services to our members. We thank our members for their continuing support of our organization.

EPA Launches SepticSmart – Promoting Homeowner Care and Maintenance of Septic Systems



Today, EPA is launching **SepticSmart**, a national program to promote proper septic system care and maintenance by homeowners. Nearly one quarter of all households in the United States depend on septic systems. When properly maintained and used, these systems serve to effectively treat and dispose of wastewater.

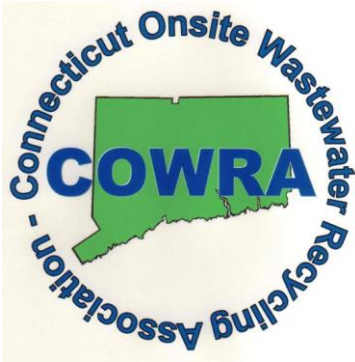
Unfortunately, septic system back-ups and overflows can lead to costly homeowner repairs and can pollute local waterways, creating a risk to public health and the environment.

While licensed and certified professionals are available to assist homeowners in servicing and maintaining their septic systems, homeowners can educate themselves as consumers about their septic system, just as they do with their car or home or anything else they own requiring periodic maintenance. Unfortunately, with the systems being largely out of sight, they can be installed and largely forgotten until problems arise. Homeowners can adopt practices like regularly scheduling inspections of the system, preventative measures such as not pouring cooking grease down the drain and water conservation efforts to reduce septic system failures and help prolong the life of their systems.

In addition to helping educate homeowners, **SepticSmart**, developed by EPA in cooperation with its public and private sector partners, will serve as an online resource for industry practitioners and local governments, providing access to tools to help educate their clients and residents. A toolbox of downloadable materials including educational postcards, door hangers, and homeowner guides (in English and Spanish) are available via the **SepticSmart** web page. For more information, go to: www.epa.gov/septicmart.

Maureen A. Tooke
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See new URL for new website:
<http://water.epa.gov/infrastructure/septic/index.cfm>



**Tom Walker, Bill and Amie Hall
at the 2012 Annual Meeting**

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FORWARDING SERVICE REQUESTED

UPDATES!! Registration Information for 2012 and 2013 State Installers & Cleaners-Exams:
You **MUST** contact the Department of Public Health to register for the Installers & Cleaners Exams.
Attendance at the COWRA Installer School **DOES NOT** register you for the State exam.
Please contact D.P.H. at 860-509-7296 for any information pertaining to your results and license.
You may also contact them by going to www.dph.state.ct.us/licensure/apps/subsew.pdf

2012 and 2013 Examination Schedule Subsurface Sewage Installer/Cleaner

Exam Date	Application Deadline
December 14, 2012	November 12, 2012
March 4, 2013	February 15, 2013
June 24, 2013	June 7, 2013
September 16, 2013	August 30, 2013
December 9, 2013	November 22, 2013

Connecticut Onsite Wastewater Recycling Association
For a copy of COWRA's 2013 Study Guide please call (860 267-1057)