



**Season's Greetings to our Members
From the Board of Directors.**



**CONNECTICUT ONSITE WASTEWATER RECYCLING ASSOCIATION
SUPPORTING CONNECTICUT AND OUR ENVIRONMENT**

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December 2010 HAPPY HOLIDAYS

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Dear COWRA Members,

Seasons Greetings to all of you and hopes for a prosperous New Year.

I want to thank our many members who joined us for our 2010 Annual Meeting.

I thank the many vendors who exhibited at our meeting. We appreciate your support of our organization. I would like to ask our members, when looking for supplies, remember those vendors who support us each year.

Special thanks to Robert Scully of the Connecticut Department of Public Health for joining us and for speaking to our members.

I hope all of you had a great time and will join us again next year.

Sincerely,
Frank R. Talarico
COWRA President

New Member Profile COWRA WELCOMES

Russell Cyr, P.E. joined us in August of this year. Russell is a Civil Engineer, who has been in the business for 32 years. He has recently started his own business. His services include Civil Engineering and Design, Engineering Services and Drainage. Russell's business is located in Hamden CT.

Bryan Krois joined us in October of this year. Bryan is the owner of Krois Construction LLC. He established his company in 2006. Bryan's services include Excavation Drainage Paving and Sewer Connections. His company is located in Riverside CT and he serves lower Fairfield County. Brian has been working in the septic industry since 2003. He will be taking the test for his Installer license early in 2011.

Greg Steiner joined us in July of this year. Greg is the owner of Steiner, Inc. His services include Construction work and Home Building. Greg's company is located in Bethel Connecticut. Steiner, Inc. has been in business since 1939.

Sal Provenzano joined is in July 2010. Sal is with Rand Insurance in Riverside CT. Sal specializes in business insurance for those working in the septic field. His services include Property and Casualty, Disability, Workers Compensation, Health and Life Insurance. His services cover Connecticut New York and Massachusetts. Sal has been in the insurance industry for 3 years, his background in accounting enables him to customize insurance to a company's needs. For more information,

NEW BOARD MEMBER ELECTED



Pat and Doug DiVesta enjoy the entertainment at our Annual Meeting.

After many years of service as a Board Member of Connecticut Onsite Wastewater Recycling Association, Stephen Hazelwood III of Hazelwood excavation resigned his position on the COWRA Board of Directors. He will be missed. However, it is Stephen's intent to remain a member of our organization. COWRA thanks Stephen for his continuing support.

At COWRA's 2010 Annual meeting Douglas DiVesta, PE, of DiVesta Civil Engineering Associates, Inc. was nominated and elected to the open position on our Board of Directors. Doug was also recently asked to join the State of Connecticut's Code Advisory Committee. Doug has been a valued member of our organization many years. Doug DiVesta has volunteered his time and expertise for many years as one of our Septic Installer school teachers. We thank Doug for his dedication and service to our organization.

COWRA'S 2010 Annual Meeting Sponsors

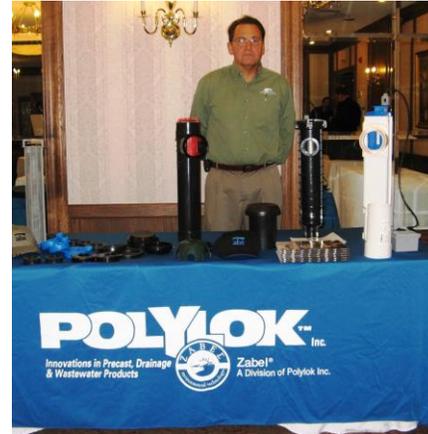
On October 16, 2010 COWRA held its annual meeting at the Hawthorne Inn in Berlin CT.

Many Members joined us to visit our suppliers' exhibits, enjoy a great meal and laugh with the live entertainment of comedian and magician Jim Sisti.

COWRA would like to thank Mr. Robert Scully of the Connecticut Department of Public Health, who joined us as our honored guest and spoke about the upcoming issues with the State of Connecticut.



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.



Charlie Brix 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 Poly lock 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.



Brian McCutcheon Jon Gavin and Ken Mackenzie 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 Product 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 especially thank United Concrete for their donation of \$1,000 worth of their product as door prize at the Annual Meeting.



Harry Plander joined us from Tuf-Tite.

Since 1984 Tuf-Tite, located in Lake Zurich IL, has been manufacturing quality drainage and septic products for the waste- water industry.

Tuf-Tite, are manufacturers of a full line of patented drainage and septic products which are the industry leaders in each application. From their

Innovative Distribution Boxes, which have become the industry standard, to their Patented Effluent Filter, which can prolong the life of a septic field significantly, each of their products is engineered and manufactured to perform better and longer than the others on the market.

Their products include; Septic and drainage products, risers, drop boxes, distribution boxes, tank seals, riser lids, riser adapter rings, boots and mandrels.

Tuf-Tite believes that, in the septic environment, no other material can match High Density Polyethylene in delivering a lifetime of trouble-free services. That is why Tuf-Tite Distribution Boxes are injection-molded using only premium HDPE, which contains no filler of foam.

Solids entering a septic field can significantly reduce the life of the field resulting in premature failure and the entire system. Tuf-Tite's solution to this is their EF Series Effluent filter, which filters solids down to 1/16", increasing the life of a system. These filters are designed to extend the life of a drain-field by preventing solids from leaving the septic tank. They fit into either a 4" or 6" tee baffle, which in many cases is already attached to the outlet pipe.

These filters will operate efficiently for several years or more before requiring removal or cleaning. However, it is suggested that the unit be cleaned every time the tank is pumped.

Tuf-Tite offers a complete solution for Precast Septic Tank applications. All their products are corrosion-resistant, durable and strong. Their Septic Tank Risers are available in 12", 16", 20", and 24" diameters. Their Safety Pan fits anywhere in the Riser Stack or may be cast directly into the tank lid and used without a Riser.

Tuf-Tite Offers the most advanced, easy to install effluent filters in the industry. They have two series (Residential and Commercial) and have a filter to fit every system.

Tuf-Tite offers solutions for almost every application and is proud to offer free shipping to anywhere in the country. For more information about Tuf-Tite and for a complete list of their product line please visit them on the web at www.tuf-tite.com.



Infiltrator Systems joined us as a sponsor

Infiltrator Systems, Inc is the world's leading manufacturer of plastic leaching field drainage

chambers for environmental onsite wastewater solutions. Their 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. Their 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. Their 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 their 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. Their 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. www.infiltratorsystems.com

Mark Vining 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.

Eljens 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 are two systems for both surface and Subsurface water control.

Eljens 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



Comedian/magician Jim Sisti is assisted by Michele Talarico at our Annual Meeting

David Evans, Lobbyist for COWRA

David Evans addresses COWRA Members at our Annual Meeting. For several years, David has protected the interests of COWRA Members at the State Legislature, monitoring bills that affect the wastewater industry and small business interests.



COWRA 2011 Installer School

COWRA is accepting applications for our 2011 Installer School and our 2011 Pumper/Cleaner School. Both Schools will be held at Wesleyan University in Middletown CT. Classes for the installer school will begin on Thursday January 13, 2011 and run for 5 consecutive Thursdays. All students enrolled in our Installers School are also enrolled in the Pumper/Cleaner School, which will be held on the 6th night of class February 17, 2011.

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's 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 2011 Pumping/ Cleaning School

COWRA is accepting applications for our 2011 Pumper/Cleaner School. This course will be held on February 17th 2011, 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.

There will be example questions of the type encountered on the State Pumper/Cleaning exam offered by D.P.H. Practical exercises will be assigned for class work and field-encountered problems will be discussed. The vast 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 \$215.00 tuition fee for COWRA members & their employees. Non-member's tuition fee is **\$375.00**. 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, 2011** to guarantee your updated listing in our Consumer Directories. Please return promptly.

Installer and Pumper/Cleaner School applications must be in by January 7, 2011 to avoid a late fee.

Pumper & Cleaner Environmental Expo Louisville, Kentucky, March 2-5, 2011

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 Wednesday March 2nd and will be devoted entirely to continuing education. Seminars will continue on Thursday March 3rd and Friday March 4th.

Those attending this year's Expo will benefit from the large 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.



COWRA

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COWRA President Frank Talarico, among the walking wounded, having broken his foot, just hours prior to the Annual Meeting.

FORWARDING SERVICE REQUESTED

UPDATES!! Registration Information for 2011 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 860-509-7559 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

PLEASE NOTE:

COWRA is accepting applications for our Installers and Pumper/Cleaner schools which will be held in

January - February of 2011,

(See application inserts in this newsletter for details).

2011 Examination Schedule

Subsurface Sewage Installer/Cleaner

Exam Date March 11, 2011

Exam Date June 17, 2011

Exam Date September 9, 2011

Exam Date December 9, 2011

Application Deadline February 10, 2011

Application Deadline May 13, 2011

Application Deadline August 5, 2011

Application Deadline November 4, 2011

Connecticut Onsite Wastewater Recycling Association

For a copy of COWRA's 2011 study guide please call (860 267-1057)