



Happy Holidays

From

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

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COWRA NEWSLETTER

Letter from the President

December 15, 2007

President's Greeting,

I want to wish all our members and your families Happy Holidays.

At our last Board of Director's meeting in November, I regretfully accepted the resignation of Board member Ed Magilton. We are sorry he had to leave us but understand his reasons and wish him well.

We are excited to have been able to replace Ed with our newest Board member Frank Schwab. Frank has been very helpful to us in the past and has a wealth of knowledge and experience to offer our association. Thank you, Frank, for accepting a Board position. We look forward to having you aboard.

I would like to wish all a very Happy New Year.

Sincerely,
Frank Talarico

NEW MEMBER PROFILES COWRA WELCOMES

Gary Pedersen owner GP Trucking an Excavating LLC joined us as a member in October of this year. His business is located in Northford Connecticut. He has been in the business of repairing and installing septic System for over 15 years and also installs new foundations. Gary is a graduate of COWRA's Installer School.

John Laudano a sanitarian with the Quinnipiack Valley Health District joined us in November of this year. He has worked with this health district for 7 years. He will be attending COWRA's Installer School in 2008 to further his education. John is planning to get his installer license and enter into the Septic business.

Frank Corsini Jr. of New England Building and Remodeling joined us in November of this year. Frank is the President of New England Building and Remodeling and has been in business as a licensed contractor since 1987. He does commercial and residential construction. Frank is enrolled in COWRA's 2008 Installer School. To learn more about Frank's company, visit, www.nebrinc.com

The Executive Board of Directors
2006-2008
President: Frank Talarico
Vice President: Bill Coffey
Treasurer: Phillip Zink Jr.

INSIDE THIS ISSUE

Letter from the
President

New Member Profile

Education COWRA
2008

Board Meeting News
November 2007

Dates to Remember

GreenLeach Filter
System Article
By Frank Schaub

Do not forget to
purchase the COWRA
brochures.

Please remember, we
do not make a profit
from the Brochures.
The \$22.50 per 100
pays for the cost of
the brochures and
the cost of shipping.

New Members Continued

Thomas Awlasewicz of T. Edwards & Son Co. joined us in November 2007. Tom is a licensed installer. He began his company, T. Edwards and Sons, in 2005 as a branch of his property maintenance business, which he began in 1993. His company is in Roxbury CT.

Andrew Colman and **Mike Williams** of Wastewater Services LLC., joined us in early December. Their business, located in Ellington CT was established in 2005. Andrew and Mike have been working in the industry for over a decade. Their services include septic installation and repair, septic tank cleaning, real estate inspections, and excavation, drainage and site work. For more information visit them on the web at www.wastewaterllc.com

EDUCATION COWRA 2008

There is still time to enroll in the Installers School to be held at Wesleyan University. Wesleyan is in a central location and provides easier access to students coming from various locations in the state. **You will find an Installer School application included as an insert in this newsletter.**

The classes will run once a week for five consecutive weeks. Members and their employees will pay **\$150.00**. The fee for Non-Members is **\$300.00**

These fees do not include the study guide at cost of **\$55.00**. The fee of \$55.00 is the cost for those students who pick up their study Guide the first night of class. Students who would like their study guide mailed to them will be charged an additional \$8.50 for the priority-mailing fee. The Installer's School will be held at **Wesleyan University Campus in the Public Affairs Building #65 room 001, 350 High Street, Middletown, CT. Class will run 6:30-9:30 January 16, 23, 30 2008 and February 6, 13, 2008 with a snow date of February 20, 2008, if necessary.**

A map to Wesleyan University can be downloaded from our website at www.cowra-online.org

November Board Meeting

COWRA's board members met at Jerry's Pizza on November 29, 2007. The following was covered at that meeting.

After several years of service as a dedicated COWRA Board Member Ed Magiltan has stepped down to pursue his real estate brokerage firm Re/Max Hilltop of Danbury CT. He formally resigned his seat at the November 29, 2007 board meeting. You can visit Ed's new firm on the web at www.Danburyhomes.net Ed Magiltan will be missed we wish him all the best in his future endeavors.

On November 29, 2007 the COWRA Board of Directors voted unanimously to elect Frank Schaub to replace the seat vacated by the resignation of Ed Magiltan.

BOARD NEWS

New Board member Frank Schaub was part of the Connecticut sewage disposal agency that implemented the mandatory licensing back in 1978. He was an engineer with State Department of Health for 29 ½ years and was Chief of Engineering with the State of Connecticut Department of Health for 16 years. A year and a half ago Frank began a new company called Waste Engineering, Inc. He has recently developed a new product based on a proprietary system in an effort to make these systems more available to the public.

As a board member Frank Schaub will be a valuable asset to our COWRA organization.

Several COWRA members have called the main office requesting information on proprietary systems. Frank graciously agreed to write an article for this newsletter to better inform our members. You will find that article on page 3 of this newsletter.

The Board unanimously voted to rehire David Evans of Evans & Associates, LLC to represent us as our lobbyist for the upcoming year 2008. David Evans works hard for COWRA protecting the interest of Connecticut installers, pumpers, cleaner, truckers and related industries. His lobbying firm keeps watch on bills brought before the State Legislature that affect our trade.

Robert Scully of the Department of Public Health Environmental Engineering Program announced the following updates concerning subsurface sewage disposal systems.

1. Two-inch nominal tie chip aggregate is no longer approved for leaching systems.
2. Attached is an approval letter concerning a new approved filter fabric Geo Fabrics GF 150 and updated Appendix C Revised October 25 2007.
3. The status of Haynes' manufactured fill has been changed from approved to conditionally approved.

See attached inserts in newsletter

COWRA Board Member Gary Yuknat expressed the following concerns and wanted to remind our members of the following:

Our licenses do not cover the transportation of regulated non-hazardous wastes. These wastes include those from photo labs such as a Wal-Mart store may have or vehicle maintenance wastewaters like your typical car dealership may generate.

These wastes require additional permits and licenses for both the generator and transporter. Don't be fooled into doing a favor and pumping one of these tanks without the proper credentials. The penalties can be severe. Some of our board members have been told of pending enforcement action. We will keep you posted on this.

See

http://www.ct.gov/dep/lib/dep/Permits_and_Licenses/Waste_Permits/transporter_inst.pdf

http://www.ct.gov/dep/lib/dep/Permits_and_Licenses/Waste_Permits/transporter_app.doc

DATES TO REMEMBER

APPLICATIONS FOR THE INSTALLER'S SCHOOL ARE DUE BY JANUARY 5, 2008

THE INSTALLERS SCHOOL BEGINS JANUARY 16, 2008

MEMBERSHIP RENEWAL FORMS WERE SENT DECEMBER 1, 2007. PLEASE FILL OUT THE RENEWAL FORM AND RETURN BY JANUARY 31, 2008

THE PUMPER & CLEANER ENVIRONMENTAL EXPO WILL BE HELD IN LOUISVILLE KENTUCKY BEGINNING FEBRUARY 27, 2008

The GreenLeach Filter System

On October 12, 2006, Waste Engineering, Inc., Redding, CT, received approval from the CT State Department of Public Health to install the GreenLeach Filter (GLF), a newly design leaching system. The company principals realized several years earlier those existing proprietary systems had proven benefits but were frequently unavailable to the public. The goal was to patent a new, improved product that would fill the demand for a conventional type leaching system. The key was to design a system capable of providing a great deal of leaching contact area with washed sand. A product manufactured in various heights to provide the square footages necessary to satisfy engineers and installers where special circumstances required such a system. This system was not designed to replace the standard gravel trench or gallery but could fill a specific need on small lots where a compact system could be of use.

The GLF is an assembly of filter fabric covered components joined together to create a unique configuration consisting of a 12" core with 25" fingers extending from the core on both sides. Product heights start at 12" and go to 36" in 3" intervals. The left side fingers are joined together with the right side by center spacers that also serve to hold a 4" pipe with three options for the invert. Chutes are connected to the center spacers all along the trench to allow easy filling of the center core and 4' wide fingers with $\frac{3}{4}$ " stone. The fingers are spaced 4" apart with removable spacers to assure proper separation and allow for the placement of sand between the fingers. The stone and sand are placed in layers so as to not distort the form.

It is more laborious than a conventional system but the typical installations for residential lots generally take a day and most are completed in 4-5 hours when the installer has the base prepared and the materials ready to go. The end results are well worth the effort. Because the GLF system was rated so conservatively by State DPH, the system provides a great amount of contact area compared to a gallery or gravel trench. A 300 LF trench system (900 SF rating) provides 1500 SF of soil contact area beneath the pipe. A comparable GLF system using the GLF 15-62 (15" high + 4" pipe on top) would require 96 LF and provide about 2,030 SF, about 33% increase in contact area. In many instances where fill is required, the compact GLF system has an advantage.

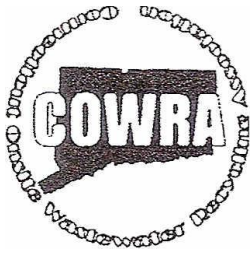
Waste Engineering, Inc. works with engineers and installers to provide the product they need in a timely fashion. The process is quick and simple. You contact us by phone, fax or email to tell us what you need. We send you a quote

explaining what we will do and provide and what you're responsible to do and have ready for us. If it is acceptable, you sign the document and return it with a deposit.

Upon receipt of the deposit, we make sure we have enough of the product you need for the job or direct our factory to ship the materials to us. A week or so before you start the job; we'd like a call from you to give us a heads up on a probable date or to schedule a sure date for the system installation. Once a date is set, our staff (generally 2 men) show up at your site bright and early with all the materials needed to complete the job. Our guys set up the forms and assist your laborers in getting the $\frac{3}{4}$ " stone inside the forms and the sand packed between the fingers on the outside. We provide the perforated pipe and the filter fabric cover.

The installer provides the 6" washed sand base and hopefully has the piles of stone and washed sand near the trench so he can pick the materials needed and set them in place with the excavator as he traverses parallel to the trench. The more laborers provided, the quicker the installation gets done. Waste Engineering envisions a time when we will simply deliver the products to experienced installers and rely upon them to complete the entire system installation. We need to build upon the excellent working relationships we have developed over our first year+ installing the GLF systems. The response has been great thus far and we only expect it to get better. To learn more about the GLF, please visit our web site at www.greenleach.com. Email or call us if you have any questions or suggestions. We thank those of you who have worked with us in the past and look forward to working with the rest of you in the near future.

Frank A. Schaub
Technical Engineer
Waste Engineering, Inc.



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FORWARDING SERVICE REQUESTED

UPDATES!! Registration Information for 2008 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 860-509-8141 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

2007- 2008 Examination Schedule

Subsurface Sewage Installer/Cleaner

Exam Dates

March 07, 2008

September 05, 2008

December 05, 2008

Application Deadlines

January 25, 2008

August 01, 2008

October 31, 2008

For a copy of COWRA 2008 study guide please call (860) 267-1057
Connecticut Onsite Wastewater Recycling Association COWRA