



Teacher Douglas DiVesta of DiVesta Civil Engineering points out the flow line of hydraulic gradient to student Roshelle Seyle.

CONNECTICUT ONSITE WASTEWATER RECYCLING ASSOCIATION
SUPPORTING CONNECTICUT AND OUR ENVIRONMENT

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COWRA NEWSLETTER

Letter from the President

February 27, 2008

Dear COWRA Members,

I hope everyone had a good holiday season. I know we are all looking forward to better weather. I know many of our members' businesses are slow right now but with Spring coming we will all be busy again.

During January and February we held our Subsurface Sewage Installers and Cleaners School. Both schools went well and we wish our future Installers and Cleaners success on their upcoming exams.

COWRA is currently awaiting the return of our 2008 Membership renewal forms. We would appreciate our members returning them as soon as possible. A form has been included for those who have misplaced theirs.

Sincerely,
Frank Talarico

NEW MEMBER PROFILE COWRA WELCOMES

Andrew Coleman and Mike Williams of Wastewater Services, Inc. joined us in December 2007. Wastewater Services was established in 2005, although Andrew and Mike have worked in the industry for over a decade. Wastewater Services provides 24-hour service to their customers. Their services include: Septic cleaning, inspection, repairs, and installation. For more information about their company visit them on the web at www.wastewaterllc.com.

Caleb T. Westfall of Orenco Systems Inc. joined us in December 2007. Orenco was established in the 1980s and employs over 240 employees with 100 distributors and dealers in the United State and Canada. Their products include in-tank filtration systems, secondary treatment systems, collection systems, pumping packages etc. For more information visit them on the web at www.orencocom

Andrew England of Eljen Corporation joined us in December 2007. Eljen is a worldwide leader in Passive Wastewater Treatment & Disposal Systems and pre-Fabricated Geotechnical Drainage Systems. Andrew joined Eljen Corp. last year. For more information about Eljen visit them on the web at www.eljen.com. See his article on page 3 of this issue.

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

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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

Rowland Rux joined us in December 2007. Rowland was a student in our 2008 Installers School. Rowland is in the engineering industry and he has joined our organization for educational purposes and to get to know other members in the wastewater industry.

Paul Fernald joined us in December 2007. Paul was enrolled in our 2008 Installers School. Paul is a Sanitarian with the Quinnipiack Valley Health Department in North Haven CT. He has been with that health district three years. Paul will be taking his installers exam in March.

Drew Gilbert of Skips Septic Service joined us in December 2007. Skips Septic Service has been in the industry since 1958. Drew has been with Skips Septic since May of 2006 he was a student of our Installer school and will be taking his exam in the Spring of this year. To learn more about his company visit him on the web at www.skipsseptic.com

David Charette, Ron Posey, and John Patton of J.J. Mottes Company joined us in December 2007. Their company manufactures pre-cast concrete products, including concrete, cement and plaster products. They also produce concrete, mortars, plasters, cement and lime. J.J. Mottes has been in business for over 50 years and is located in Stafford Springs Connecticut.

Jim Tyrrell of Massamont Insurance Agency Inc. joined us in December 2007. His insurance agency insures septic haulers in Connecticut. He offers "SepticCover" which is an insurance package for Septic Haulers that covers pollution clean-up and the trucks, employees, customers' building and property of the septic hauler. To learn more about Jim's agency you can visit him on the web at www.massamontinsurance.com. His office is in Boston MA.

Mark D. Kudlach Jr. Is the owner and operator of Saviour Septic joined us in December 2007. Mark has been in the septic business for over 12 years. He began his own company, Saviour Septic, 3 years ago. His services include: septic installation, repair drain cleaning and pumping. His company is in Norwich Connecticut. For more information visit his company on the web at www.saviourseptic.com

Bob Vesicglio of Merrill Excavating joined us in January 2008. He has worked in the septic industry for over 5 years. His company, Merrill Excavating, installs and repairs septic systems in addition to site work. Merrill Excavating has been operating in Stratford Connecticut for over 25 years.

Richard Ferguson and Donald Lisk of Capstone Builders, Inc. joined us in December of 2007. Richard has been a licensed installer for several years. Donald will be taking his installers exam this spring. Capstone Builders installs systems for new construction. They have been business since 1992 and are located in Tolland CT.

COWRA EDUCATION 2008

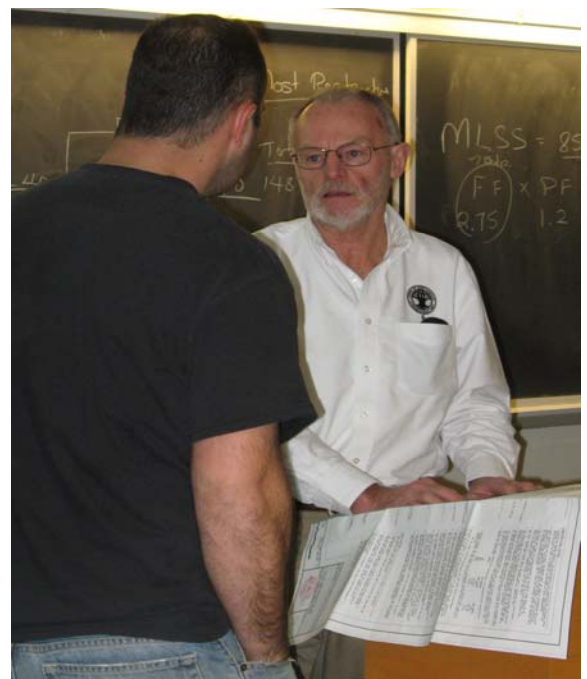
Installers School

The 2008 Installers School began at Wesleyan University on January 16, 2008. COWRA had 73 Students enrolled in this year's class. The school ran for 5 consecutive weeks. Many of our students are taking their exam on March 7, 2008. We wish them well.

Briggs Geddis the Sanitarian for the New Canaan Health Department and Douglas DiVesta of DiVesta Civil Engineering Associates Inc. have once again done an excellent job of teaching Connecticut's future installers.

Briggs and Doug have volunteered their time, knowledge and expertise for several years, teaching the Installer school for COWRA. Having sat through the five weeks of classes, I was amazed at the amount of material that is covered in this course. The presentation given to our students for each class takes Briggs and Doug several hours of preparation time. I do not think our members are fully aware of the extent of commitment that these two men make to our organization and our students. One only needs to sit through these classes to realize that Briggs Geddis and Doug DiVesta are two of COWRA's finest assets.

COWRA is forever grateful for their dedication and devotion to our organization.



Teacher Briggs Geddis, of New Canaan Health Department and long time COWRA member discusses the calculation of MLSS with an installer student.

Pumper/Cleaner School

Our Pumper/Cleaner School was a much smaller class. The cleaner school is a one-night class and was held on February 20, 2008. Seven students were enrolled in this class. The Pumper/Cleaner School is taught by Richard Dallaire of RAM Enterprises (Connecticut Septic Inspection). Rich is a long time COWRA Member and former Board President. He is currently a member of the Board of Directors. He has graciously volunteered his teaching services and expertise for many years. COWRA is grateful for Rich's support and commitment to our organization.

COWRA 2009 Installer and Cleaner Schools

We will be holding our 2009 Classes again in January and February of next year. Although the exact dates have not been established, these two months are more conducive to our students' schedule, as this is usually a slow period for the wastewater industry. If your company has students interested in next year's school please send their information to COWRA. All the names will be placed on a list and students will be notified when it is time to enroll for 2009.

COWRA's ANNUAL MEETING

The Board of Directors will be meeting soon to plan our annual meeting. Attendance at our annual meeting has varied over the years. It is our sincere hope that most of our members will try to attend this year's annual meeting. We appreciate how busy our members are, however, COWRA is striving to be the best organization possible for its members. Your voice is important and COWRA needs to hear it. Please consider attending this year's annual meeting. You will be notified as soon as arrangements are made.



Dates to remember

The 3rd Northeast Onsite Wastewater Treatment Short Course will be held from March 11-13 2008 at Mystic Marriott Hotel and Spa. For more information contact:

John Murphy at NEIWPCC at 978-323-7929 x 255 or visit the Conference Website at:
<http://www.neiwpcc.org/onsiteshortcourse/>
 (Admission of \$15.00 can be paid at the door.)

The following is an article by Andrew England about a product his company has recently introduced to the wastewater industry. Andrew is one of our newest members.

The Mantis Geotextile Sand Filter

Written by Andrew England

Eljen Corporation of East Hartford, CT, has introduced the Mantis Geotextile Sand Filter. Approved by the State of Connecticut Department of Public Health (DPH) since August 2006 for subsurface wastewater disposal, the Mantis system has enabled engineers and contractors to design and install a cost effective technology in a much smaller area as compared to conventional stone and pipe systems. The Mantis 430-10 measures 12" tall x 30" wide x 5' long and weighs only 15 pounds. Each unit is comprised of 10 individual geotextile covered modules that provide for oxygen transfer within the system and storage of effluent during peak flow periods. Its unique design offers both 6" and 12" inverts in the same unit and has been approved with an effective leaching area credit by the DPH of 6.5sf/lf for systems using the 6" invert, and 11.0 sf/lf for systems using 12" inverts.

Installation is quick and easy. A typical three bedroom home can be installed in about three hours depending on site conditions. The system requires no stone for installation. Instead, the units are installed with a medium to coarse wash concrete sand that meets the ASTM C-33 specification with less than 10% passing a #100 sieve and less than 5% passing a #200 sieve. The units are placed on 6" minimum of the specified sand with additional specified sand placed between the geotextile modules and along the sides of the units. Excess sand can be spread over top of the system and backfilled using native materials to finish grade. This technology is installed in trench configurations and can distribute effluent utilizing gravity; pressure dosed or pressure distribution applications. Septic contractors can purchase the Mantis 430-10 direct from the factory at the company's East Hartford, CT manufacturing facility. Eljen will be conducting training seminars on the Mantis Geotextile Sand Filter throughout the state in the coming months. Visit their web site at www.eljen.com to find a list of seminar locations, download a copy of the Mantis 430-10 Design and Installation Manual or to find information on additional products and solutions for the onsite industry. Eljen Corporation was established in 1970 and has manufactured products based on scientific research conducted at the University of Connecticut for septic, erosion control, and storm water management. For more information or technical assistance, please contact Eljen's Technical Resource Department at 800-444-1359.



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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 860-509-7559 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

or

http://www.ctgov/dph/lib/dph/environmental_health/enviromental_engineering/pdf/techstd_07.pdf

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's 2008 study guide please call (860 267- 1057)