



Yankee Onsite Wastewater Association

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YOWA is a proud affiliate member of the:



National Onsite Wastewater
Recycling Association

P.O. Box 9309 // Tacoma, WA 98490
P 800.966.2942 (253.848.5388) // F 253.770.0896

Yankee Onsite Wastewater Association Newsletter – Summer 2009

Message from Thomas W. Groves, President NOWRA

As many of you may be aware from our new **NOWRA** “e-News” communication, **NOWRA** is under new management with one of our affiliates, the Washington On-Site Sewage Association (**WOSSA**) to provide interim support. The **NOWRA** Board’s decision for this move was due to financial constraints as well as other issues with BTF Enterprises. The contract with **WOSSA** is a temporary arrangement based on a reduced level of administrative support to bridge the gap to the new “**NOWRA**.” We greatly appreciate the support of the **WOSSA** Board as well as John Thomas, **WOSSA** Executive Director, and Sherene Lewis, **WOSSA** Administrative Manager, for helping **NOWRA** to make this transition immediately following the April Milwaukee conference. It could not have gone smoother.

New contact information:

National Onsite Wastewater Recycling Association

P.O. Box 9309
Tacoma, WA 98490
Phone - 800-966-2942 or 253-848-5388
Fax - 253-770-0896

The **NOWRA** Board is excited about future partnerships opportunities that we will be able to reveal in the near future. These partnerships will greatly strengthen **NOWRA** in the eyes of our members, affiliates, and the onsite industry. We plan to maintain and build on our partnership with COLE Publishing through additional issues of the Onsite Journal as well as other ventures. We appreciate the support that COLE has provided **NOWRA** during this transitional period, and we ask that our members also thank COLE and support their programs and activities, such as the Pumper Show.

Message from Steven H. Corr, P.E. President YOWA

As my second year as President enters its final months I had hoped that YOWA would provide its membership with more services. The Newsletter committee has delivered on its promise to develop at least three publications per year. The Education committee has developed and will deliver more training classes with CEU credits, with greater attendance this year than in all previous years. These committees have proven that the organization can deliver on the promise to provide services to the onsite/decentralized community. Unfortunately, these committees are delivering services with only a limited number of active members. Unless more members are

willing to actively serve the organization YOWA will not in the future be able to move forward to provide the services that the membership wants and needs.

When the year began YOWA had almost 100 active members, today that number has shrunk is just over 60 members. Part of the drop in membership was probably due to economic conditions. Part of the drop was probably due to the lack of services provided by YOWA. With this years output by the Newsletter and Education committees YOWA has proven that it can provide services to the membership. Those members who have not renewed or are hesitating about renewing, give the organization another chance. The programs this year demonstrate that YOWA is a very viable organization.

YOWA's Nominating Committee, chaired by Russ Martin, and is trying to develop a list of members that wish to be nominated as Directors, Secretary/Treasurer and Vice President. If you are interested, in those positions, please make sure that you notify Russ about your interest.

Please visit the:

Official YOWA Website at <http://www.yankeensite.org> or the NOWRA Website at <http://www.nowra.org>.

2009 YOWA Officers & Board of Directors

The YOWA Board of Directors effective January 1, 2009.

Officers (2-year term expires December 31, 2009)

Steven Corr (MA) - President
Russell Martin (ME) – Vice President
Daniel Ottenheimer (MA) – Secretary/Treasurer
John Higgins (MA) – Past President

Board of Directors (3-year terms)

David Clark (MA) – exp. 12/31/09
Stephen Dix (CT) – exp. 12/31/09
Victor Giard (VT) – exp. 12/31/09
Thomas Groves (Regional) – exp. 12/31/09
Douglas Coombs (ME) – exp. 12/31/09
George Loomis (RI) – exp. 12/31/10
Andrew McBrearty (MA) – exp. 12/31/09
Michael Moreau (MA) – exp. 12/31/09
David Potts (CT) – exp. 12/31/09
Brent Reagor (MA) – exp. 12/31/09
Lauren Usilton (MA) – exp. 12/31/10
Gary Spaulding (NH) – exp. 12/31/10

The next Board of Directors face to face meeting will be:

Board of Directors Meeting, August 24, 2009; Moakley Auditorium – Bridgewater State College, Bridgewater, MA

Call for Board of Director Candidates for 2010

Any current YOWA member interested in serving on the Board of Directors beginning March 1, 2010 should contact the chair of the nominating committee (Russell Martin, Russell.martin@maine.gov or 207 287-4735) prior to August 31, 2009. Board terms are for three years. The bylaws require anyone who has completed a three year term to sit out one year before serving a second term on the Board.

All you ever wanted to know about soil absorption systems workshop

YOWA, working in partnership with Mill River Consulting, Urell, Inc., the New England Onsite Wastewater Training Center at URI, Oakson Inc., and Aquapoint, presented the first of two Massachusetts workshops entitled - **All you ever wanted to know about soil absorption systems**. The workshop was co-sponsored by the USDA – Northeast States and Caribbean Islands Regional Water Program. Over 60 people attended the workshop, held at Quinsigamond Community College in Worcester on August 10, 2009. The topics covered included – dispersal systems basics (presented by Dan Ottenheimer, Mill River Consulting); pumps, controls and components (Carl Rosen, Urell, Inc.); The Basics of Drip Dispersal (Dan Ottenheimer, Oakson, Inc.), Bioclere Wastewater Systems (Chuck Resevick, Aquapoint, Inc.) and pressure distribution design (David Kalen, URI – NEOWTC).

If you happened to miss this workshop, then a similar program will be offered at Bridgewater State College, Bridgewater, MA on August 24, 2009 from 9 am to 4 pm. This workshop will also include a discussion of groundwater mounding by Steve Hallem of Mass DEP. The workshop is approved for 6 MA Title 5 TCHs for soil evaluators and system inspectors. Please see the YOWA web site for registration details and class fee.

YOWA Board Meeting Conference Call July 14, 2009 – 8:00 AM Meeting Minutes

In attendance: Steven Corr, President; Russell Martin, Vice president; Daniel Ottenheimer, Secretary/treasurer; Michael Moreau, Gary Spaulding, Douglas Coombs, Dave Clark, Andrew McBrearty, Lauren Usilton, Tom Groves, George Loomis, Brent Reagor, Dave Potts.

Approval of June 16 meeting minutes:

Motion by A. McBrearty, second by G. Loomis, Approved.
Minutes for May 26 not available.

Treasurer's Report:

D. Ottenheimer indicated monthly report will send to membership. A down payment on Bridgewater training site was made and the remainder of NOWRA dues was paid. Approximately \$14,000 in bank at end of June. Membership Renewals 2009: One new member added; membership 60+.

Vice President's Report:

R. Martin discussed the state affiliate's call - NOWRA to stay with I4A database. NOWRA teaming with Cole Publishing for the On-Site Journal. Installer academy will be with Pumper Show.

President's Report:

S Corr discussed the NEWEA memo. D. Ottenheimer indicated it would be difficult to continue to provide services from his office. T. Groves indicated that the NEWEA services should include the newsletter, registration for training sessions, maybe maintenance and data entry. S. Corr indicated that the other option available is to have someone in organization provide services. D. Potts questioned the economies of scale, suggested a possible CT individual as an option. G. Loomis responded that someone from in the organization may provide better service. T. Groves mentioned JETCC as an option; he indicated NOWRA might be able to provide services sometime in the future. R. Martin indicated that the Maine Society of Professional Engineers has same problem. S. Corr recommended further discussion at the next meeting. Any members from the Board that are interested should indicate their interest. The question of

dues payments to NOWRA was discussed. G. Spaulding and D. Potts questioned YOWA's membership in NOWRA and the cost to YOWA. T. Groves indicated that NOWRA provides data management system, newsletter, etc., and is reviewing its membership cost.

NOWRA Updates:

T. Groves indicated that a 2011 On-site super-conference was in the planning stage.

Committee Reports:

Education – G. Loomis and B. Reagor indicated that the August technical sessions were on schedule. The Registration form includes special membership to the end of 2009. The August 10th at Quinsigamond Community College Worcester, MA has speakers and rooms. The August 24th at Bridgewater State College (Moakley Aud.) - Bridgewater, MA is also set but may have an insurance issue to solve.

Outreach – No Report

Newsletter – R. Martin indicates the newsletter will be ready by first of next week.

Membership – G. Spaulding requested a database for Mass. soil evaluators to use in a membership drive. He also requested a copy of the non renewals for 2009. He discussed several reduced rate options to offer for renewals. D. Clark made a Motion to offer those who did not renew in 2009 a chance to renew for the remainder of 2009 and 2010 at 1.25 times the yearly dues, second by B. Reagor. Motion carried with T. Groves opposed.

Nominating – R. Martin - no report

Old Business:

NEWEA Meeting for Outside Services –S. Corr – see discussion above.

New Business:

Quarterly meetings – Ottenheimer, Martin, and Corr described ideas for face to face meetings of BOD or others with 1 to 1.5 hour of presentations to energize organization. T. Groves indicated there was a need to meet. He suggested pick dates in advance and establish schedule. D. Clark recommended that we evaluate, set a date and try one meeting. R. Martin will select some dates and report at August meeting.

Annual Meeting – A suggestion was made to try to hold the annual meeting in October in Worcester or at the MHOA meeting in Springfield.

Next Meeting Date:

August 24th at Bridgewater – S. Corr will email B. Reagor concerning space for the meeting. (Note: Room is available at 4:00 PM to 5:30 PM to meet at Bridgewater)

2009 YOWA Membership renewals

In 2006, YOWA established itself as a viable and energetic state member association. Our membership at the conclusion of 2007 was 85 members. As we reach the end of 2008, our membership has climbed to 98. YOWA is using cost-effective communication with our members by the use of an electronic newsletter and presence on the Web (www.yankeeonsite.org). We look forward to continuing these efforts in the coming year. **Our current records indicate 69 active and 45 inactive members. If you are presently in the inactive category please consider renewing your membership.**

2009 has brought new challenges to YOWA. We have become full time, dues paying members of NOWRA (\$40 per member). We will continue to receive the benefits of belonging to this national organization representing all sectors of the onsite/decentralized wastewater industry – currently 4,000 plus members nationally.

In order for us to continue this effort and grow as a state member association of NOWRA, we need your continued support. You recently received a renewal invoice by email or US mail from YOWA. Applications are available on our web site at www.yankeeonsite.org as well as online dues renewal. Dues for 2009 will be \$110 per member and \$40 for students. We need your support to help continue this exciting path that YOWA is blazing.

If you have any questions about YOWA, please feel free to contact us at the address and phone number listed in this newsletter. Thank you once again for becoming part of YOWA and we look forward to an even more exciting 2009!

Current Committees:

YOWA Outreach Committee - January 2009

Stephen Dix (Chair)
Jim Bransfield
Jim Healy
Leland Jones
Michael B. Moreau Jr.
John J. Murphy

YOWA Education Committee - January 2009

Roland Dupuis
Vic Giard
George W. Loomis (Co-Chair)
Holly A. Meehan
Michael B. Moreau Jr.
John J. Murphy
Brent Reagor (Co-Chair)
Charles J. Resevick
Gary Spaulding

YOWA Newsletter – January 2009

Russell Martin

YOWA Membership – January 2009

Gary Spaulding

Call for Committee Members for 2010

Any current YOWA member interested in serving on a YOWA committee should contact the soon to be President (Russell Martin, Russell.martin@maine.gov or 207 287-4735) prior to August 31, 2009. Committee appointments are for two years.

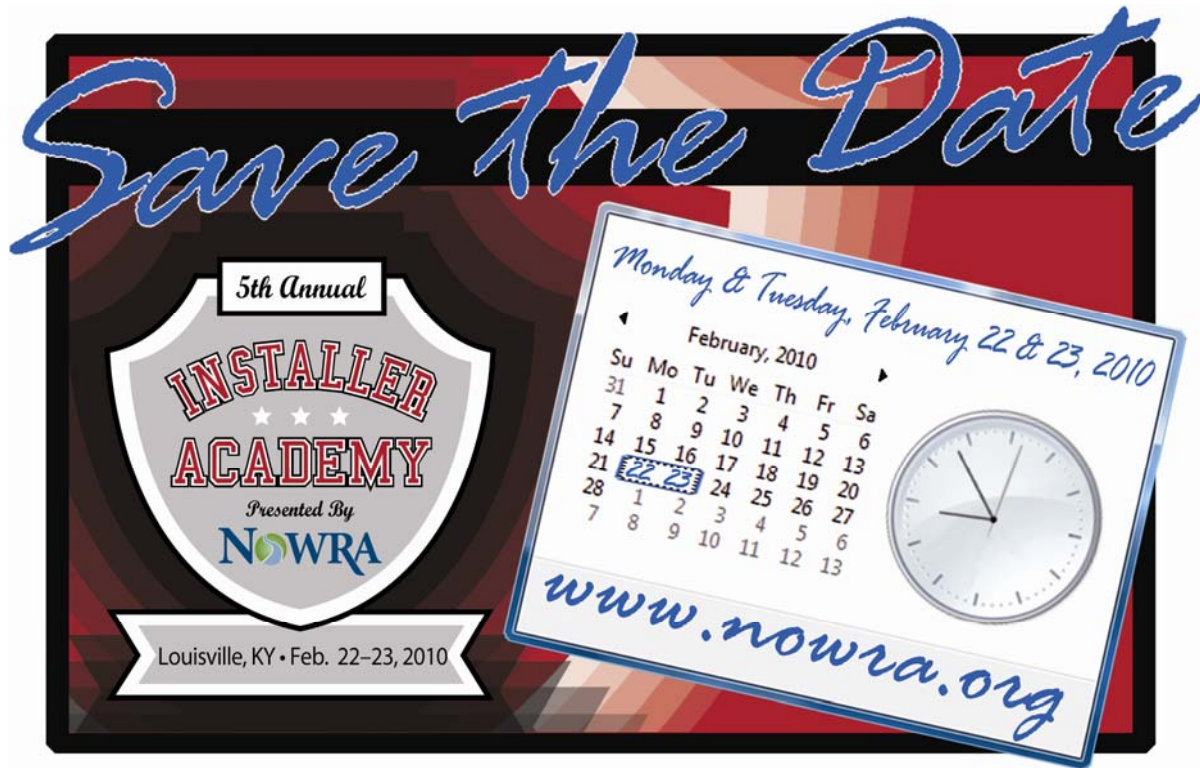
Who is NOWRA and what do they do?

NOWRA is the largest national organization representing all sectors of the onsite/decentralized wastewater industry (i.e., pumpers, contractors, installers, regulators, designers, engineers, manufacturers, and educators). Providing education and training programs to professionals within this industry, to policy officials, the public, and system owners is the driving force of this organization. Through education, NOWRA provides a leadership role in state and federal legislative initiatives to protect water quality and public health.

Have you visited [SepticLocator.com](http://www.septiclocator.com)?

The Septic Locator is an online directory and search engine designed to allow you to easily find a local product supplier, service provider or individual industry practitioner in your area. The Septic Locator is created and maintained by NOWRA, by joining YOWA you are listed in the locator. No other site on the web offers this kind of direct access to onsite wastewater professionals and products.

www.septiclocator.com



[5th Annual NOWRA Installer Academy February 2010 Louisville, KY](http://www.nowra.org)

Please click the above link, or visit the NOWRA website, www.nowra.org for additional information.

MOU Partners

U.S. EPA and Association Partners in Implementing the Decentralized Wastewater Infrastructure

On January 12, 2005, the U.S. EPA and eight partner organizations signed a Memorandum of Understanding to address environmental problems resulting from failures of decentralized wastewater treatment systems. The agreement formalizes the collaboration between EPA and its partners to help community governments improve their wastewater programs. The agreement focuses on better planning, septic system design, and long-term operation and maintenance of septic systems.

On November 19, 2008, this agreement was updated to include additional organizations at a formal ceremony held at EPA Headquarters in Washington D.C.

NOWRA is pleased to a partner in this MOU with the EPA and the following organizations:

- [1. National Association of Towns and Townships \(NATat\)](#)
- [2. National Association of Wastewater Transporters \(NAWT\)](#)
- [3. National Environmental Health Association \(NEHA\)](#)
- [4. National Environmental Services Center \(NESC\)](#)
- [5. Rural Community Assistance Partnership, Inc. \(RCAP\)](#)
- [6. Water Environment Research Foundation \(WERF\)](#)
- [7. Consortium of Institutes for Decentralized Wastewater Treatment \(CIDWT\)](#)
- [8. Environmental Protection Agency](#)
- [9. Association of State and Interstate Water Pollution Control Administrators](#)
- [10. Ground Water Protection Council](#)
- [11. State Onsite Regulators Alliance](#)
- [12. Water Environment Research Foundation](#)

Click here to see the [MOU](#) Regarding Cooperation in Decentralized Wastewater Management Programs

Current News and Events from the New England States:

Maine:

Revisions to the Maine Subsurface Wastewater Disposal Rules, CMR 241

In the fall of 2006 a task force of individuals involved in the field of onsite wastewater disposal was organized for the purpose of reviewing the Subsurface Wastewater Disposal Rules. As several individuals from the private sector expressed a belief that they did not have sufficient input to the rulemaking process, the task force was purposely structured to minimize involvement by the Department. The task force consisted of licensed Site Evaluators, Local Plumbing Inspectors, equipment suppliers, system inspectors, and representatives of other State of Maine government agencies. The initial group split into three subgroups that met periodically to review administrative and technical rule requirements. As various proposals or “position papers” were issued by the subgroups, the position papers were circulated by e-mail for comment to a volunteer group of 150 individuals. These reviewers were solicited from approximately 1,600 wastewater professionals including Site Evaluators, Local Plumbing Inspectors, suppliers, installers, and pumpers. In the fall of 2008 a list of recommended rule changes was submitted to the Department for consideration. Those changes, along with ones developed by the Department for portions of the rules that were not considered by the task force, constitute the changes proposed for adoption.

The Division of Environmental Health held a public hearing on Wednesday December 17, 2008; with comment periods from November 26, 2008 to December 31, 2008, and January 14, 2009 to February 8, 2009. Notices for the hearing and comment periods appeared in newspapers throughout the state in a timely manner. The record for written comments closed on February 8, 2009. The rules as originally proposed have been modified to incorporate appropriate comments. The adoption date of the revised Rules is August of 2009. The reprinted Rules (red cover) have the modified sections marked with a black line in the left margin. The following is a summary of the significant changes:

- Reduction in depth of native soil necessary for first time systems outside the Shoreland Zone from 12 inches to 9 inches. (Section 400.4.1)
- Definition for private potable water supplies including both owner and abutter. (Chapter 3)
- Authorization for local plumbing inspector to approve more replacement system variances without state involvement. (Section 702.2)

- Setback between systems and private potable water supplies (owner and abutter) treated equally. (Chapter 7)
- Small system size removed from Table 600.1. Chapter 6)
- New format for 600 Tables. Chapter 6)
- Liner requirement for coarse soils in Shoreland Zone moved from chapter 16 to Section 406.0.
- Elimination of 7” and 8” depth to limiting factor first time system variances inside and outside of the Shoreland Zone. (Chapter 19)
- Elimination of “minor” and “major” expansion terminology while maintaining existing expansion technical requirements. (Chapter 17)
- Water tightness testing procedure of certain treatment tanks installed 50 feet or less from major waterbodies and private potable water supplies. Section 907.8)
- Incorporation of stone trench design with provision for greater sidewall area. (Chapter 8)
- Provision to size disposal area on permeability of fill on 8 and 9 category soils with 12 inch depth of fill over native soil. (Section 600.7)
- Removal of prohibition of first time systems in the 10 year flood hazard zone. Section 606.2)
- Minor reformatting and addition of stormwater control structure setbacks to 700 tables. (Chapter 7)
- Inclusion of inspection checklist for use by the local plumbing inspector. Section 111.11)

Russell Martin, PE will be retiring as Director of the Subsurface Wastewater Program effective August 31, 2009.

Rhode Island:

- RI DEM is in the process of implementing their Cesspool Phase-out which would eliminate any cesspool within 200’ of coastal water, private drinking water well or a public drinking reservoir. This will be part of an amendment to their 2006 Onsite Rules rewrite and will hopefully be effective by August/September. All cesspools would need to be a code complaint system or tie-in to a sewer line by January 1, 2013. More info is available here:
<http://www.dem.ri.gov/programs/benviron/water/permits/isds/pdfs/cessfaqs.pdf>

Connecticut:

DEP

- Warren Herzig will be retiring as of July 1.
- CT DEP is close to starting Electronic Discharge Monitoring Reporting (EDMR). Ayres Associates has been contracted to a 5 year contract for upkeep and service. Training will start in July on how to use the web based tracking system. Permittees will be able to submit online. CT DEP is responsible for all systems over 5,000 gpd and all alternative systems (over 400 permits). This program will be up and running shortly.
- The Old Saybrook project is going to Public Hearing on Wednesday, June 17, 2009. The town plan will be presented as well as the concept of forming a wastewater district and all system upgrades. This will be the first such project in the state. This project will qualify for SRF and CWA funding.

DPH

- New technical standards for small lots went into effect on January 1, 2009.
- A private well task force has been developed to discuss issues and variances.

- CT DEP was going to transfer the responsibility of I/A systems to CT DPH but was denied and the responsibility remains with DEP.
- The DPH has completed 6 of 7 contracted soil workshops with Peter Fletcher through a DEP grant. The course covers soil evaluations for health department employees.
- DPH has been developing plans and proposals for stimulus funding for decentralized and onsite projects but have been unsuccessful.

New Hampshire:

- Bill Evans and Jim Falicon have retired as of May 29. Both positions remained unfilled at the time of the call.
- NH DES now requires 3 hours per year of training for all designers and installers for their 2 year licenses. There are over 4000 licensed designers and installers which are leading to the development of new training seminars.
- Their rule changes are undergoing some minor tweaking.
- The E-Permitting initiative is close to being complete. In house evaluation is going on this week to work out any issues. They will begin accepting applications electronically next month. Designers will be able to submit all plans electronically and installers will be able to request inspections on-line. The option of mailing in hard copies is still available which will need to be entered by hand. These are some challenges due to the short staffed group.
- Permitting fees have increased from \$150 to \$300 and the program is becoming a fee-based program from a grant-based program.

National onsite wastewater system installer training materials being developed

The first ever peer reviewed national onsite wastewater system installer training materials are being developed and pilot tested at various locations around the United States by the Consortium of Institutes for Decentralized Wastewater Treatment (CIDWT). Funding for the project is from the USEPA and administered through the Water Environment Research Foundation. The comprehensive 400-plus page training manual and classroom presentations cover all aspects of installation and nearly every technology commonly used today. The training curriculum defines the body of knowledge for professional installers and supports the National Environmental Health Association Certified Installer of Onsite Wastewater Treatment Systems (CIOWTS) certification.

Training topics include – installer business models, professional ethics, installation planning, installation safety, soils and site evaluation for installers, installation techniques and materials, installing distribution systems, installing piping and watertight tanks, pumps and controls, media filters, mechanical aerobic treatment units, disinfection systems, installing soil treatment areas (various drainfield options), and installing drip irrigation systems.

Primary project authors and trainers from CIDWT member institutions include – Bruce Lesikar and Rebecca Melton (Texas A&M University); Nancy Deal and David Lindbo (North Carolina State University); Sara Christopherson (University of Minnesota); and David Kalen and George Loomis (University of Rhode Island).

Secondary authors include John Buchanan, Kitt Farrell-Poe, Randal Miles, and David Gustafson. Ten installers from across the US were selected to serve as a national review board for the materials and training sessions, and manual drafts were circulated for an industry wide national review and comments.

Pilot testing of the training materials has occurred in three locations across the United States, most recently at the NOWRA Installer Academy in Las Vegas in December 2008. The last pilot training event took place in Kansas City in March 2009, with the final project materials being completed by September 2009. Once finished, materials will be printed and available for training at qualified CIDWT member training centers and programs across the country.

Watch for press releases about future installer training in the New England area offered by the New England Onsite Wastewater Training Center and cosponsored by YOWA. To learn more, please contact David Kalen at 401-874-5950 (davidkalen@mail.uri.edu) or George Loomis (GLoomis@uri.edu) at the New England Onsite Wastewater Training Center (NEOWTC) @ URI.

First CIDWT Installer Training Program Train-the-Trainer Event held in St. Louis, MO August 9-12, 2009

. The first Consortium of Institutes for Decentralized Wastewater Treatment (CIDWT) train-the-trainer program covering the new installer training materials was conducted on August 9-12, 2009. Missouri Small Flows Organization (MSO) served as the local host for the training event and worked with the St. Louis Plumbing Industry Council to secure the classroom. This installer train-the-trainer event follows the completion of the Installer training project.

The Installer training project focused on development of a training manual and associated training materials. The Installation of Wastewater Treatment Systems manual is a comprehensive document describing the installation of various technological components which comprise decentralized wastewater treatment systems. The installation and startup checklists for these components are the heart of the training manual and guide the classroom instruction. The startup checklists serve as the beginning of operation and maintenance which is critical for having onsite wastewater treatment systems as a sustainable part of our wastewater infrastructure. The associated training materials included presentations and assessment tools. The training materials bring the science into installing systems by focusing on the why and how to perform tasks rather than a prescriptive number. Understanding why installation tasks are critical will help with implementing reliable long-term systems. The installer training project was funded as part of the National Decentralized Water Resources Capacity Development Project from the US Environmental Protection Agency and was administered through the Water Environment Research Foundation.

Eighteen people representing twelve training entities participated in the event. The qualified trainers participating in the installer project train-the-trainer event already help deliver training courses offered in Florida, Iowa, Kansas, Missouri, Nebraska, New Mexico, Oklahoma, Oregon, Pennsylvania, Utah, Virginia. Additionally, the instructors and writing team are affiliated with training programs in Minnesota, Missouri, North Carolina, Rhode Island, Tennessee and Texas. Therefore, qualified instructors will work with training entities located in sixteen states to deliver the installer training materials.

The train-the-trainer event consisted of a two-day installer training course and an additional training day on how to use the materials to deliver an effective training program. The installer training course was an intensive two-day overview of the training presentations. Because of the volume of material developed through the writing project, the training course was extremely fast paced.

The training materials can serve as a reference for taking installer certification and credentialing exams. The course participants had the opportunity to take the examination for the Certified Installer of Onsite Wastewater Treatment Systems (CIOWTS) credential being offered the

National Environmental Health Association (NEHA) following completion of the two day installer training course.

The qualified instructors will use these materials to develop training courses for certification and/or continuing education units for delivery through their training programs. The training materials lend themselves to developing multiple training courses for installers. Participants discussed having their first training classes October and November 2009.

Instructors for the event included John Buchanan, University of Tennessee, Nancy Deal, North Carolina State University, Bruce Lesikar, Texas AgriLife Extension Service and Randy Miles, University of Missouri. Additional writing team members not present at the training event include Sara Christopherson, University of Minnesota, Kitt Farrell-Poe, University of Arizona, David Gustafson, University of Minnesota, David Kalen, University of Rhode Island, David Lindbo, North Carolina State University, George Loomis, University of Rhode Island, and Rebecca Melton, Texas AgriLife Extension Service.

The installer training manual will be available through the Midwest Plan Service located in Ames Iowa. Midwest Plan Service can be reached by e-mail using mwps@iastate.edu or telephone at 800-562-3618. The expected availability date for the manual is October 2009.

The writing team thanks the decentralized wastewater treatment industry for their contributions and input during development of these training materials. Because of the willingness of this wide array of industry members to share their knowledge, skills and business practices, these materials will serve as a comprehensive resource for installation practitioners for a long time into the future.

To access the checklists in an electronic format or gain information about future CIDWT train-the-trainer events covering the installer, O&M service provider or analyzing wastewater treatment systems training curriculums please visit the CIDWT web site: www.onsiteconsortium.org.

2009 Training Schedule Available New England Onsite Wastewater Training Center @ URI

The New England Onsite Wastewater Training Center (NEOWTC) at the University of Rhode Island begins its sixteenth year of onsite wastewater training in 2009 offering 25 classes for the onsite wastewater professional. Half, one and two-day classes in design, installation, operation and maintenance, and inspection are run in both classroom and in-field venues. Tour the Training Center where an acre of onsite wastewater technologies are displayed.

Whatever your interests or area of expertise, don't miss the opportunity to come "kick the wastewater tires" with NEOWTC trainers, and learn new information, techniques and skills to make you an even better and valued onsite wastewater professional. Visit the NEOWTC web site at www.uri.edu/ce/wq/OWT/index.htm to see and print a training schedule and to learn more about upcoming classes, or contact David Kalen at 401-874-5950 (davidkalen@mail.uri.edu) or George Loomis at (GLoomis@uri.edu) for more information.

URI Classes Approved for MADEP TCH Credit

Twenty-two classes offered in 2009 by the New England Onsite Wastewater Training Center at the University of Rhode Island Cooperative Extension have been approved by Massachusetts DEP for TCH credit for soil evaluators and septic system inspectors. Please see the following table for details:

2009 NEOWTC @ URI Wastewater Training Workshop Schedule

DATES	TIME	CODE	Reg. fee (early/regular)	CLASS	MA Title V		RIDEM	
					TCHs	For:	CEUs ¹	Class
Sept. 3	8am-5pm	OWT100	\$140/165	Conventional Onsite Wastewater Treatment Basics for Installers	N/A	N/A	4	I – IV
17	8am-5pm	OWT105	\$140/165	Innovative & Alternative Technology Overview	4	SE-SI	4	I – IV
22-23	8am-5pm	INSP100	\$385/435	Conventional Onsite Wastewater System Inspection	10	SI	8	I – III
Oct. 1	1pm-5:30pm	I&A FIELD	\$90/115	Innovative & Alternative Technology Field Overview@ NEOWTC	4	SI	2	I- IV
8	8am-5pm	OWT125(*)	\$165/190	Bottomless Sand Filter (BSF) Design and Installation	8	SE-SI	4	I – IV
15	8am-5pm	INSP 150	\$165/190	New Class _ Functional Inspections	8	SI	4	I – IV
Nov. 5	8am-5pm	OWT120	\$140/165	RI Designer Examination Prep	N/A	N/A	N/A	I – III
19	8am-12:30pm	OWT150(*)	\$105/130	AutoCALCS – Automated BSF Sizing, Pump Calcs, & Support Mat	4	SI	2	I – III
Dec. 3	8am-5pm	OWT155	\$140/165	RI - Regulatory Setbacks and Buffers	N/A	N/A	4	I – IV
10	8am-12:30pm	OWT160	\$90/115	Nitrogen in the Environment and Onsite Wastewater Systems	4	SE-SI	2	I – IV
15	8am-5pm	OWT185(*)	\$165/190	New Class _ Designing Nitrogen Removal Technologies	8	SI	4	I – III

1 A total of four (4) RIDEM CEUs are required for each year in a three (3) year RIDEM designer license renewal period (for a total of 12 CEUs). Please contact Deb Knauss at RIDEM OWTS: Tel. 401.222.4700 ext.7612 or Email: deb.knauss@RIDEM.ri.gov if you have any questions concerning RIDEM re-licensing requirements.

(*) OWT105 is required before you can take either OWT125 (BSF class) or, OWT150 (AutoCALCS). INSP100 and OWT105 are required if you plan to take the INSP 200 exam. OWT160 is required before taking OWT185.

N/A: Non applicable

CALENDAR OF EVENTS

August 24, 2009 – YOWA Training Session – Bridgewater State College, Bridgewater, MA. “All You Ever Wanted to Know about Soil Absorption Systems” - \$125 for YOWA members, \$150 for non YOWA members, \$200 for non YOWA members including 2009 membership. Check the YOWA website www.yankeensite.org for details.

August 27, 2009 – Maine Association of Site Evaluators Annual Test Pit Review. University of Maine, Orono; 9:00AM – 3:00PM. Check the MASE website www.mainese.com/index.htm for further details.

October 13, 2009 – Maine Public Health Association 25th Annual Meeting. 8:45AM – 4:00PM; Augusta Civic Center, Augusta, Maine. For more information contact MPHSA at <http://www.mainepublichealth.org/>.

Regional and National Websites of Interest:

National Onsite Wastewater Recycling Association (NOWRA):

- www.nowra.org.

Connecticut Environmental Health Association (CEHA):

- <http://www.cteha.org/>

Maine Association of Professional Soil Scientists:

- <http://www.mapss.org>

Maine Department of Environmental Protection:

- <http://www.state.me.us/dep/index.shtml>

Maine Division of Environmental Health:

- <http://www.maine.gov/dhhs/eng>

Maine Rural Water Association:

- <http://www.mainerwa.org/>

Massachusetts Title 5:

<http://www.mass.gov/dep/water/wastewater/septicsy.htm>

National Environmental Services Center (NESC):

- <http://www.nesc.wvu.edu/>

New England Interstate Water Pollution Control Commission (NEIWPCC):

- <http://www.neiwpcc.org/>

New England Water Environment Association:

- <http://www.newea.org>

New Hampshire Department of Environmental Services:

- <http://www.des.state.nh.us>

Rhode Island Department of Environmental Management:

- <http://www.dem.state.ri.us>

University of Rhode Island (URI) Onsite Wastewater Training Center:

<http://www.uri.edu/ce/wq/OWT/index.htm>

Vermont Department of Environmental Conservation:

- <http://www.anr.state.vt.us/dec>