



# MASE Newsletter

MAINE ASSOCIATION OF SITE EVALUATORS

February, 2011

## MASE Annual Meeting & Technical Seminar

March 1, 2011

Ramada Conference Center, Lewiston

What's more fun than a hole in the ground? To MASE members, the answer is clear: nothing can beat the thrill and satisfaction of leaping into a freshly excavated test pit, tools and log book in hand, and relying on our training and experience to interpret the clues hidden within the subsoil. Unfortunately, in the midst of another fierce Maine winter (both meteorologic and economic), our simple earthly pleasure has to wait until the return of warm weather. In the meantime, there is heartening news. Not only did Punxsutawney Phil Groundhog predict



*Door Prize table at the 2010 meeting*

an early spring, but you have the opportunity to relieve your cabin fever by attending the MASE Annual Meeting and Technical Seminar. This is the chance to cavort, discuss, commiserate, and disagree with your peers; gorge yourself from the all you can eat buffet, win fabulous door prizes, listen to fascinating speakers, and get credit for a fun filled day in the form of 6 Professional Development Hours (PDH). You can even get a dig in, even if it is only directed at the revised Rules.

This crowning MASE event of the year will take place on Tuesday, March 1 at the Ramada Convention Center just off the Maine Turnpike in Lewiston. You can find directions, meeting agenda, and sign up form inside this newsletter or on the MASE website, [www.mainese.com](http://www.mainese.com).

The meeting agenda includes a number of hot and sometimes controversial topics including the newly adopted Subsurface Rule Revisions (sure to create a cloud of hot air), issues related to the removal of Licensed Overboard Discharges, venting of disposal systems, and drip irrigation. We are also honored to present MASE member and new DEP Commissioner Darryl Brown, who will present his vision of Maine's environmental trends.

The cost to attend the annual meeting, including your meal, is a fraction of the price tag of training courses offered elsewhere. And we promise to try to make it "more fun than a hole in the ground."

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# Message From MASE President Gary Fullerton



Fellow Members,

What a winter! At least we are dealing with snow instead of ice like much of the country. I wish we could blame the snow and the cold temperatures for the site evaluator's lack of business. I hope this newsletter finds you "weathering the economic storm". 2010 was a busy and exciting year for MASE. Together with the Maine Rural Water Association, we were able to create the new Subsurface Wastewater Training Center in Richmond to assist the Division of Environmental Health with educating site evaluators, installers, local plumbing inspectors, and code enforcement officers. This project could not have become a reality without the help of many volunteers from MASE to assist the department with training and construction, our numerous vendors who donated their products, and the excavating contractors who donated stone and sand. A special "thank you" goes out to Eljen and Construction Consultants for their continued support of our educational programs and specifically the training center. Many thanks to all who helped make this happen!

Once again, MASE had a strong membership last year and as a result we were able to donate \$1,000 to the University of Maine Soil Judging Team and \$1,000 to the Maine Envirothon. MASE held its 20<sup>th</sup> annual golf tournament at the Meadows Golf Club in Litchfield and the weather was fabulous (about 85 degrees more than it was this morning). We worked with the Division to host a successful hands-on Field Day in Dayton. Recognition is in order once again for our secretary and webmaster Richard Green. He put together two informative newsletters and kept our website up-to-date, all at no cost to the association.

I would also like to take this opportunity to thank Ken Stratton (ex-officio) and Albert Frick (chair) along with the rest of the MASE Technical Review Committee (TRC) for assisting the Division with the new Maine Subsurface Wastewater Disposal Rules. It was an immense undertaking and took a lot of dedication for all who were involved. I'd like to think that we can all do our job a little easier as a result of their efforts.

The winds of change have blown through the state of Maine with the new administration. With that, comes a long-time MASE member moving to the rank of DEP Commissioner. As you know, Darryl Brown has been in the consulting business for many years and has worked with the DEP on all kinds of different projects. He has served in government before and I believe his experience in the private sector will make him well-suited for the position. I hope you will all join with me in wishing Darryl success as DEP Commissioner.

As I finish up my 6<sup>th</sup> year on the Board of Directors, it has been an honor to serve this association as Treasurer, Vice President, and now President (you can thank Brady Frick for putting my name on the nomination slate in 2005). I look forward to passing the baton over to Dale Knapp for 2011. He has been very helpful to me as Vice President and I know he will serve you well. Dale has my complete support for the upcoming training programs for 2011. Of course, I will not be leaving the Board completely as I will take Ken's position as ex-officio. It has been a pleasure working with the Board of Directors and you should be proud of the commitment they have for this organization. It is good to see consistency within the Board and probably better to see new members step up and offer their support. Best wishes to you all in 2011!

Gary Fullerton



# MAINE ASSOCIATION OF SITE EVALUATORS

## TREASURER'S REPORT 2010

Cash on Hand as of 12/31/09	\$	6,584.16
Fidelity Mutual Funds as of 12/31/09	\$	9,104.02
<b>Total Assets as of 12/31/09</b>	<b>\$</b>	<b>15,688.18</b>

### Income

Annual Meeting and Annual Dues	\$	10,921.00
Fall Workshop	\$	1,025.00
Golf Tournament	\$	554.00
Training Center Vendor Fees	\$	1,500.00
Eljen/Construction Consultants Donation for training	\$	3,000.00
Hats	\$	25.00

### Expenses

Annual Meeting	\$	5,854.73
Fall Workshop	\$	2,553.87
Gift (to outgoing president)	\$	100.00
Envirothon Donation	\$	1,000.00
Maine Soil Judging Team	\$	1,000.00
Golf Tournament	\$	1,073.25
Insurance	\$	605.00
Corporation Filing	\$	35.00
Technical Review Committee copies	\$	505.40
Maine Rural Water Association	\$	2,000.00
Training Center (proctors, copies, postage)	\$	2,566.95
Miscellaneous (copies, postage, supplies)	\$	469.41

<b>Period of 12/31/09-12/31/10</b>	<b>Total Income:</b>	<b>\$</b>	<b>17,025.00</b>
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	<b>-Total Expenses:</b>	<b>\$</b>	<b>17,763.61</b>
		<b>\$</b>	<b>-738.61</b>

<b>Cash on Hand as of 12/31/10</b>	<b>\$</b>	<b>5,845.55</b>
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Fidelity Mutual Fund Balance as of 12/31/10 (+ \$1209.58 from 12/31/09)	\$	10,313.60
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<b>Total Assets as of 12/31/10</b>	<b>\$</b>	<b>16,159.15</b>
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# Being a Site Evaluator in Maine

by David Marceau, LSE #246

Over the past three years I have written several articles about how difficult our work as site evaluators has become. So, this time I am purposely choosing to talk about the good aspects of being a site evaluator in Maine. First, and probably foremost, is the fact that I can live where I want to and still be able to make a living. If you stop and think about it, that is no small thing. I like living in a rural area where I can cut my own wood, hunt, fish, and have a farm. I raise beef cattle and have shot many turkeys, deer, coyotes, partridge and other animals on my own land. There are fewer and fewer places these days that you can do these kinds of activities.

Secondly, I have been able to cobble a living wage together by performing site evaluations, soil mapping and wetlands delineations by almost exclusively working for myself or by myself. This means I haven't had to deal with office politics, wondering what the boss thinks of me, or being afraid of getting laid off. Certainly, I wish I could have had some extra help with some things but not having to worry about how to pay that employee or keep them busy along with myself has been enough of a deterrent to hiring another employee. There are very few professions in the State of Maine that you can do this.



*Dave Marceau lends a hand at the 2010 MASE/MAPSS Field Day in Dayton*

The third thing about being a site evaluator is all of the people you meet. I know Maine is a small State and I am involved in several other activities, but it is amazing to me the people I know because of my job. At times my family thinks I know everyone in the entire State. The current DEP commissioner was my high school chemistry teacher (along with being a fellow site evaluator). Our previous State Site Evaluator was a year behind me in high school at Livermore Falls. I know every earthwork contractor within about forty miles of where I live. I have done a site evaluation for the surgeon who stitched me up when I had an accident and the chiropractor who keeps my back straight. I made wonderful friends in some local towns by donating my consulting time for three local libraries. All of the local LPI's, CEO's, planning boards, and Real Estate Agents know me on a first

name bases. This is not to mention the dealers of proprietary devices, the members of MASE, MAPPS, and MAWS as well as people who work for the NRCS, DEP, DHHS, and numerous other government agencies.

Finally, the work that I do helps to keep me in shape and allows me to work with many things that I love. The plants, soils, water, and animals that I love all have been integrated into my daily life. It is nothing for me to walk three miles, visit several different towns, and see wide variety of landscapes in one day. Also, because I am usually not far from home I can be flexible with my work schedule and not miss out on activities with my kids, the farm, or other community events.

So, realistically, I have no regrets about my choices of professions and the place which I have chosen to hang my hat. I am constantly amazed by the people who chase work all over the country or even the world sometimes leaving their family and friends for an extended period of time. I have made a conscious decision to get to know my neighbors, make less money and try to find work where there is sometimes little or no work.



Maine Center for Disease  
Control and Prevention  
An Office of the  
Department of Health and Human Services

# Subsurface Program News

Welcome to **Mark Hyland, LSE #190** who is our new State Site Evaluator. Mark has worked at MEDEP for the past 28 years in the solid and hazardous waste programs and was most recently Bureau Director for Remediation and Waste Management. Mark has BA/MS degrees in geology from the University of Maine and has been a site evaluator since 1983. He is looking forward to the training sessions for installers, LPI's and site evaluators and would like some help choosing a spot for this fall's field exam test pits.

As most of you know, the Department spent most of the past year reworking the Subsurface Rules. The original goal for this rulemaking was to make the document more user friendly and easier to understand. The old rules contained errors, missing information and circular logic that made finding solutions to some situations very difficult. After a couple of stakeholder meetings it became clear that there was significant interest for making more substantive changes. MASE alone provided the Department with 30 or 40 pages of comments and suggestions. The Department considered every comment received, and agreed with most. The final rules reflect significant input from the stakeholders, and specifically MASE. This was truly "consensus rulemaking", and the rules are better because of this participation. Some of the more significant goals included new tools for determining seasonal high water tables, "one stop shopping" for DEP, LURC and Shoreland Zoning approvals, and clear and easy to find requirements for different types of systems (first time, replacement, expansions, primitive, etc.). The Department will be partnering with JETCC to offer 5 training opportunities regarding the new rules this spring.

In addition to modifying the rules, the Department has been emphasizing the authority and responsibilities of municipalities found in State law. State statute is very clear, the intent of the Legislature is that primary authority for administering and enforcing the subsurface rules lies with local municipal officials. This means that all applications and variance requests that require State review and approval must be submitted to the Department by the appropriate local authority, usually an LPI. In the past, S.E.'s have submitted HHE-200's and variance applications directly to the Department, which can make local administration of the rules difficult. The staff of the Subsurface Unit is always happy to discuss issues and difficult situations with applicants, Site Evaluators and LPI's. The Department should not review and approve applications or variances prior to them being reviewed by the LPI. State law is quite clear, local officials have primary responsibility for administration of the Subsurface Rules, and can draft their own local standards as long as they are at least as strict as the State rules. So, feel free to discuss projects with the Department, but please keep the LPI's in the loop, and make all formal applications through them.

State law also requires that municipalities have malfunctioning septic systems brought into compliance within 10 days of discovery and notice, with an extension offered as long as a reasonable plan for repairing or replacing the malfunctioning system is proposed by the property owner and agreed to by the town. If the property owner cannot or will not have the system repaired, State law requires that the property be vacated until the system is determined by the LPI to be in compliance, or the municipality may choose to repair or replace the system, with costs recoverable either directly or through increased annual property taxes paid by the property owner. A malfunctioning septic system represents a very significant threat to public health. State law addresses this significance while maintaining local control.

*Continued on next page*

## New Subsurface Rule Classes

A change in the subsurface rules means important changes for many in Maine, including Site Evaluators and Licensed Plumbing Inspectors. In this class, participants will learn all that is necessary to know about the revised Subsurface Wastewater Disposal Rules (CMR 241). The Maine Center for Disease Control and Prevention's Subsurface Wastewater Unit began the revision process in December 2009, and after several meetings involving 16 stakeholder groups, the unit delivered the final product, which the state adopted January 18, 2011.

This class will cover the rule development process and highlight the notable changes. The Subsurface Wastewater Disposal Rules include, for the first time, a "Key for Determining the Depth to Seasonal Groundwater Table". This table includes soil science terms and concepts that Site Evaluators must be familiar with and must use; this is especially true when making seasonal groundwater table and soils with an oxygenated groundwater table. David Rocque, a soil scientist for the state, will be on hand to explain this new feature of the rules. The course will also examine the completely revised section in the rules on wetlands and water bodies. The section incorporates new setback requirements Site Evaluators and LPI's must understand; the requirements were included to continue the DEP NRPA and Shoreland Zoning permitting exemptions in the former rules. The classes are sponsored by JETCC and can be found online at jetcc.org.

## Dates for New Subsurface Rule Revision Classes:

- J1119 - Thursday, **April 7, 2011**, Holiday Inn West, **Portland**
- J1120 - Friday, **April 15, 2011**, State Fire Marshal's Training Room, **Augusta**
- J1121 - Thursday, **April 21, 2011**, Ellsworth City Hall, **Ellsworth**
- J1122 - Wednesday, **April 27, 2011**, The Granary Brew Pub, **Farmington**
- J1123 - Tuesday, **May 3, 2011**, No. Maine Community College, **Presque Isle**

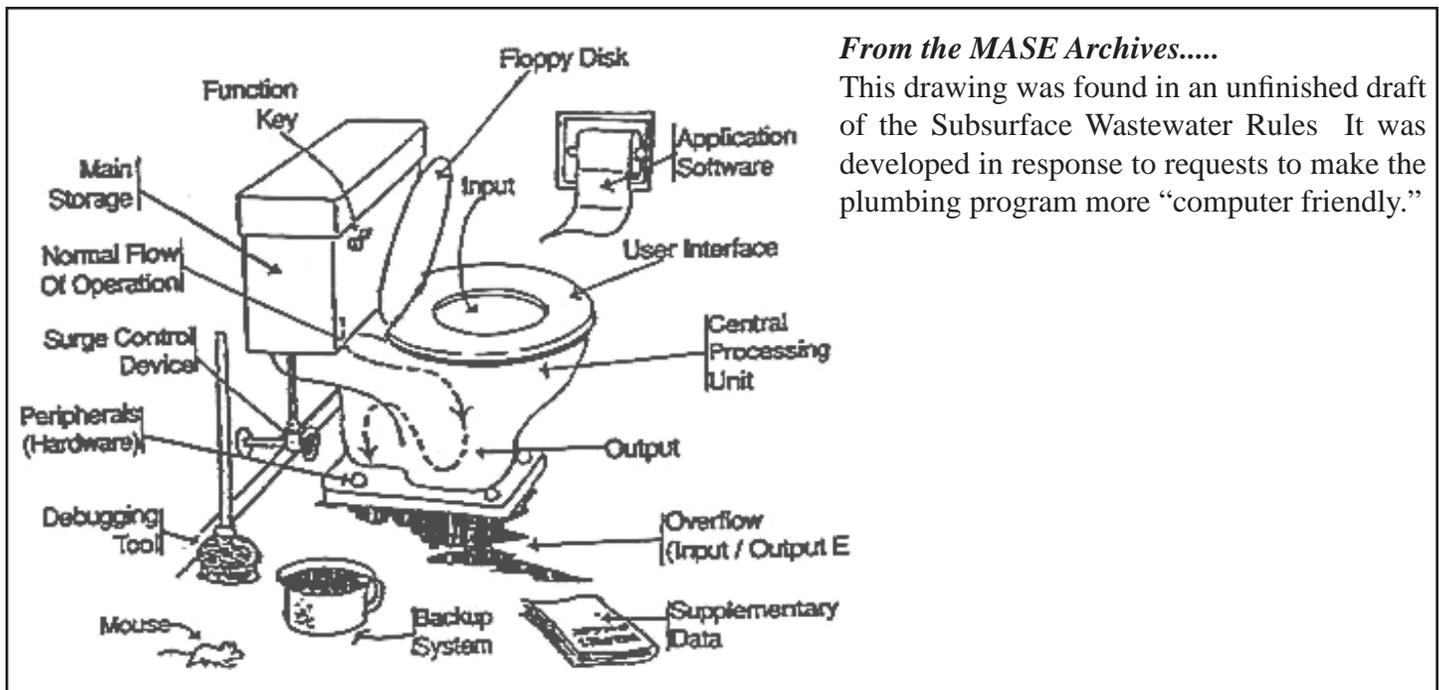
## Tentative dates for Site Evaluator Licensing:

Site Evaluator Written Exam – April 28, 2011

Make-up Exam for Site Evaluators – June 29, 2011

Field Exam for Site Evaluators – September 28, 2011

Remember, the staff of the Subsurface Wastewater Unit is always available to answer your questions or discuss problems you may be having.



# Important Rule Changes Affecting Site Evaluators

by Steve Marcotte, LSE #387

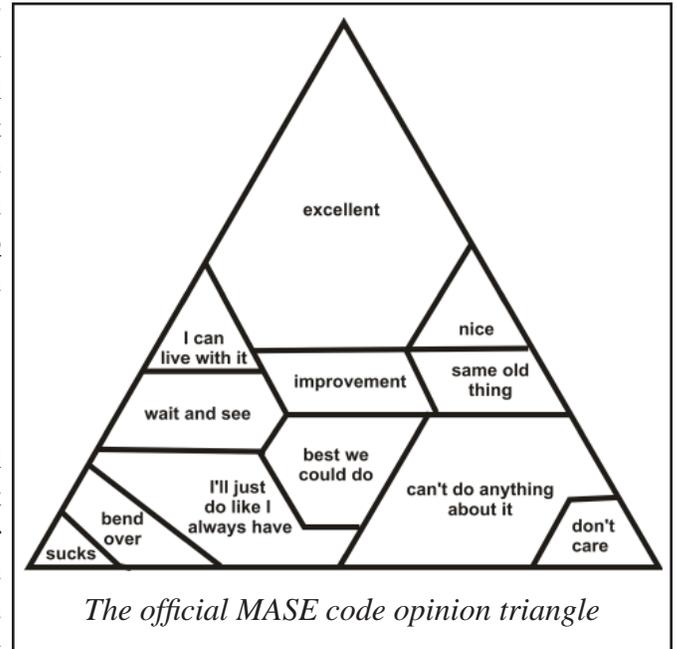
Given the recent adoption of the Rules, most Site Evaluators and Local Plumbing Inspectors have little experience working with the latest edition of the Maine Subsurface Wastewater Disposal Rules (January 18, 2011); this includes myself. Of course the new code will be a big topic at the MASE Annual Meeting and I strongly recommend that all MASE members attend and bring their questions.

After reading through the bulk of the new code, the first thing I realized was how difficult it was to compare it to the old code. It took me quite a bit longer to review this code than the August 2009 revisions. While most Site Evaluators may be aware of Rule modifications related to “Munsell”, the increase in application fees and concept of trying to get a “one stop shopping” permit, I think the biggest changes in the code are related to the incorporation of Natural Resources Protection Act (NRPA) style no disturbance setbacks to water courses/bodies (Section 1.H).

On the surface, the setback distances table for first-time systems (Table 7B) appears to have changed little. However, upon closer examination of the footnotes and Section 1(H), you’ll find that designers need to be a lot more careful about siting first-time systems next to water course/bodies due to the incorporation of no disturbance setbacks. For instance, inside the shoreland zone, the disposal field setback to a minor water course/body isn’t 50 feet, it is 75 feet plus the length of the fill extensions. Whereas outside the shoreland zone, the disposal field setback to a minor water body/course is 50 feet, but you’ll be limited to a 25 foot fill extension, because of the 25 foot no disturbance buffer. To complicate this issue even further, the >3:1 slope rule (1.H.9) might push you back even farther. Another big change in the code is related to “minor” major water courses (blue lines) located outside the shoreland zone (1.H.6). First order major water courses only require a 25 foot no disturbance setback, whereas a second order major water course requires a 75 foot setback; but you still need to maintain a 100 foot disposal field setback. The Rules still provide the flexibility routinely needed for sites that qualify for replacement system criteria.

With the addition of the new no disturbance setback rules, it is has become even more imperative that you determine the fill extension limits in the field, or risk having to go back. This can be accomplished in the field using an inclinometer or by completing an elevation transect and projecting the fill extensions using graph paper or a lap-top with CAD; of course you need to know the top of fill elevations first. If the projected fill extensions don’t work out right and you don’t want to or can’t redesign the field, then you may specify up to a 2 foot high retaining wall if the soils are acceptable (7.A.5.C.ii). However, be cautious using this rule, because an improperly constructed retaining wall could result in unanticipated consequences.

The new “no disturbance” setbacks and retaining wall Rule provide an opportunity for the Site Evaluator to educate clients and contractors about the new Rules. Appropriate notes and Rule references on your designs will help to highlight these new and important requirements in the Rules.



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## **Important Rule Changes Affecting Site Evaluators** *(Continued from previous page)*

On a completely different note, soil profile color descriptions now have to be completed using the Munsell soil color charts; example: it is strong brown not brown. While many non soil scientists may resist using it, Munsell has actually been required since the 9-inch rule went into effect (August 2009). I say this because, to my knowledge the only acceptable methodology for determining the depth to a seasonal high water table in an A or Ap horizon (borderline sites) is based on Munsell soil colors.

Also worth mentioning, is the new criteria for “original soil” (4.B.5-6). Fill placed outside the shoreland zone is now considered to be “original soil” if it was placed no later than October 31, 1995; whereas inside the shoreland zone the fill must have been in place since July 1, 1974 (the same as before). Like before, the fill materials must be sandy loam or coarser; clay or silt loam fill can not meet this definition.

Before I end this article, I think it is worth mentioning the HHE-200 application process itself. Many thanks to Al Frick (MASE TRC) for bringing this to my attention. Interpretation of sections 3.A.5 and 3.B.1 are likely to generate some lively debate. We hope to receive some clarification from the Department at the MASE Annual Meeting.

Many thanks to the Department for addressing concerns related to the August 2009 code. It was a big undertaking by a limited number of staff. The entire effort would not have occurred without the thoughtful review from the various stakeholders, including the review the TRC provided on behalf of MASE members.

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## **A Septic Sonnet**

*by Dale Knapp*

When considering how the time of an LSE is spent  
Some time in field, traveling Maine far and wide  
Time in the office, from new codes trying to hide  
As of late, it may be fretting to pay the rent  
The technical committee’s recommendations were sent  
Some were accepted and some were denied  
But by this new code, we all must abide.  
Will this new code more installations prevent?  
We shall see soon if the modifications meet the need  
Workshops this year were some of the best  
Significant changes may soon come for the State  
MASE will stand by and stick to our creed  
To further the practice, meet each challenge and test  
Get involved with the MASE board, don’t stand and wait.

## Fact Sheet: Summary of 2010 OBD Law Changes Grant Funding Eligibility and OBD Removal Requirements



*The removal of Licensed Overboard Discharges presents a severe challenge to Site Evaluators: determining if a replacement system is “technically feasible” on properties that have extreme limitations. Bill Hinkel of the Maine DEP is one of the featured speakers at this year’s annual meeting, and he will present an overview of the program and recent changes to the law, and try to answer your questions and concerns. Here are excerpts from the DEP website fact sheet on OBDs. The full version can be found on the DEP website.*

On July 12, 2010, several significant changes to Maine’s OBD laws passed by the 124th Maine Legislature and enacted by the governor become effective. “An Act To Improve Water Quality Through the Phaseout of Overboard Discharges and the Improvement of the Boat Pump-out Laws” will further reduce the overall number of OBDs in Maine . The Maine Department of Environmental Protection (DEP) administers and enforces the OBD laws and rules.

### **Availability of Grant Funds**

State contribution to residential overboard discharge replacement projects , 38 M.R.S.A. § 411-A provides, subject to the availability of funds, that the Maine DEP shall pay a portion of the expense of a technologically feasible alternative that results in the elimination of an OBD. There are two significant changes to this law:

1. The DEP may not provide grant funding to a residential OBD owner unless the residence is the owner’s primary residence.
2. The DEP may not provide grant funding to an OBD owner with an annual income of more than \$125,000.

OBD owners who are eligible for grant funding are not required to eliminate the OBD until such time that a technologically-proven alternative system is identified and the DEP offers a grant. If a technologically-proven alternative system has been identified, residential and commercial OBD owners who are not eligible for grant funding because the OBD serves a secondary residence or have an annual income of more than \$125,000 will be required to eliminate the OBD after July 2, 2012 . If you have an alternative and believe you are not eligible for a grant, the Department strongly encourages you to contact us before your license expires to discuss these new requirements in greater detail. The deadline for OBD removal will vary based on the specific factors associated with your OBD.

OBD owners who do not qualify for a grant may be eligible for funding provided through the Maine State Housing Authority (MSHA). MSHA, through the regional Community Action Program agency, can provide low interest loans (maximum of \$15,000) to replace an OBD with a subsurface system or connection to public sewer. Eligibility for the program is limited to those with household incomes less than 120% of the area’s median household income.

### **“Significant Action” Trigger for OBD Removal**

Waste discharge licenses , 38 M.R.S.A. § 413 is amended to require elimination of OBDs (beginning September 1, 2010 ) if a “significant action” is proposed for the property containing the OBD. “Significant action” means a single construction project performed on a primary residence with an OBD when the total material and labor cost of the construction project exceeds \$50,000. Prior to conducting a significant action, an OBD owner is required to determine, based on documentation from a LSE, the feasibility of eliminating the OBD with a technologically-proven alternative. If an alternative to the OBD is identified, the alternative system must be installed within 90 days of the significant action.



**MASE 2011  
Technical Seminar  
and  
Annual Business Meeting  
Tuesday, March 1, 2011  
Ramada Conference Center**

- 8:00 - 9:00**                      **Registration, Coffee, and Vendor Displays**
- 9:00 – 10:00**                      **“Benefits of Using Innovative Drip Dispersal for Wastewater Disposal and Water Re-Use”**  
**Daniel Ottenheimer, Oakson, Inc.**  
*Dan will discuss the benefits of drip dispersal and how it can be used in a range of applications and sites.*
- 10:00 – 10:15**                      **Break**
- 10:15 – 11:00**                      **“Overboard Discharge licensing and removals”**  
**Bill Hinkel, Maine DEP**  
*Bill will discuss the regulations on overboard discharges and what the role of the site evaluator is.*
- 11:00-11:30**                      **Department of Environmental Protection Report**  
**Darryl Brown, DEP Commissioner**
- 11:30-12:45**                      **Buffet Lunch and Vendor Displays**  
*Turkey Divan, Potato Crusted Cod, Sweet and Sour Ham, Pasta, Country Potatoes, Rice Pilaf, Chef’s Vegetables, Rolls and Butter, Beverage, and Light Dessert.*
- 12:45 - 1:15**                      **Reports from University of Maine Soil Judging Team, University of Maine Engineers Without Borders, and Envirothon**
- 1:15 - 2:00**                      **Annual MASE Business Meeting:** *Report from the Board of Directors, Committee Reports, Election of New Board Members, Items from the Floor*
- 2:00 – 2:45**                      **“Venting and Wastewater Distribution”**  
**Stephen Dix, Septic Solutions, LLC**  
*Steve will discuss why vents are used and how wastewater breaks down under aerobic and anaerobic conditions.*
- 2:45 – 3:00**                      **Division of Environmental Health Report**  
**David Braley, Department of Health and Human Services**
- 3:00 – 3:15**                      **MASE Technical Review Committee**  
**Albert Frick, Albert Frick Associates**

**\* those who attend all sessions will be awarded 6.0 professional development hours. Be sure to pick up your certificate at the end of the day.**

# Soil Data Requirements for DEP Site Projects

by Bill Noble, LSE #75

Site Evaluators are reminded that for subdivisions or other projects requiring DEP review and approval under the Site Location of Development Act, certain soil conditions or disposal system proposals require more soil information than the minimum required by the Subsurface Wastewater Disposal Rules. In most cases, soil profile information must be obtained via examination of test pits, except as noted. Sections 17.A.4 and 17.A.6.d in the Site Location of Development Application describe the conditions requiring additional soil information, and the amount of that information. These conditions are summarized in the following. For a historical perspective, the year each requirement was put into place is also indicated.

- Soil with bedrock depth less than 24 inches. A minimum of 5 subsurface explorations is required: test pits, borings, or probes located at all 4 corners of proposed disposal fields, plus a 1 test pit centrally-located within the disposal field footprints. (1992)
- Soil with profile 8 or 9 parent material. A minimum of 2 test pits is required: each test pit to be located near each end of disposal field footprints. (1992)
- Soil Condition D (limiting factor less than 15"). A minimum of 2 test pits is required: each test pit to be located near each end of disposal field footprints. (2002)
- Disposal field lengths of 60 feet or longer. A minimum of 2 test pits is required: each test pit to be located near each end of disposal field footprints. (1997)
- Larger disposal systems (serving 2 or more dwellings or with design flows greater than 500 gpd, and engineered systems). A test pit at each disposal field corner is required, plus a test pit at a central point within proposed disposal fields. (1992, rev. 2006)

DEP reviewers have found that this additional soil information often results in better system designs for shallow-to-bedrock, slow-permeability, and marginal soil conditions, and for large-volume subsurface wastewater disposal systems. For any questions, contact the Environmental Geology Unit, Bureau of Land & Water Quality, Department of Environmental Protection at (207) 287-7688.

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## Directions to the Ramada Conference Center 490 Pleasant Street Lewiston, Maine

### From North:

Take Interstate 95 South to Exit 80. Continue straight ahead. Follow signs for Industrial Park. At traffic light, go straight. Hotel and conference center is on the left.

### From South:

Take Interstate 95 North to Exit 80. At stop sign, turn left. Follow signs for Industrial Park. At traffic light, go straight. Hotel and conference center is on the left.





# MAINE ASSOCIATION OF SITE EVALUATORS

## 2011 Membership Form & Annual Meeting

MASE NEEDS YOU!

Your membership is important and our budget depends on your dues! All MASE memberships expire in February. You can join now and be assured of another year of representation of your interests by MASE. We are working to keep license fees down, regulations reasonable, host quality field seminars, an interesting annual meeting & informative newsletters.

*(Please complete a separate form for each individual)*

- Regular Membership** \$25  
(Maine Licensed Site Evaluator)
  - or
  - Associate Membership** \$15  
(Unlicensed individuals with an interest in the goals and purpose of the Association)
  - Annual Meeting – Tuesday, March 1, 2011** Member: \$20  
(includes lunch) or Non-member: \$30
  - MASE T-shirt** (write in number of shirts next to size) \$ 6 each
- S \_\_\_\_\_ M \_\_\_\_\_ L \_\_\_\_\_ XL \_\_\_\_\_ XXL \_\_\_\_\_

*\* Register by February 11<sup>th</sup> to reserve a meal and a T-shirt. No refunds are available after February 22<sup>nd</sup>. T-shirts will cost \$10 at the door while supplies last. No T-shirts will be mailed.*

**Make Checks Payable to: MASE**

**Total Enclosed:** \_\_\_\_\_

**Mail To:** Amy Jones, Treasurer  
3330 Bennoch Road  
Alton, ME 04468      jonesamyn@yahoo.com

Name: \_\_\_\_\_ License Number: \_\_\_\_\_

Company: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_ E-mail: \_\_\_\_\_

**www.maineese.com**

**info@mainese.com**

# 2011 MASE/MAPSS Field Day

by Dale Knapp, LSE #386

Last fall's annual Field Day was held on September 30, 2010 in the southern Maine town of Dayton, just west of Biddeford, the day after the Site Evaluator field exam. This was a new spot for the site exam and the field day. I was the MASE liaison to the DEH and worked with Doug Coombs just before he moved on to the DOT and enjoyed helping pull together the exam and field day. I know we had some mixed reaction to the site, I may be biased given the time I spent up there, but I thought the site was a good one. We had a good mix of pits that match what we see in many locations, disturbed. Having the usual cast involved as well as Ken Stratton bringing the UMaine Soil Judging Team down made for a pretty good turn out and some good discussion.



# MASE Newsletter

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## MAINE ASSOCIATION OF SITE EVALUATORS

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## Check the MASE Website for Updates!

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## MASE Calendar

### Meetings, trainings, and other events of interest to MASE Members

March 1, 2011	MASE Annual Meeting and Technical Seminar, Lewiston
March 8, 2011	JETCC, Proprietary Device Workshop, Brewer.
March 16, 2011	JETCC, New Local Plumbing Inspector Training, Augusta.
March 25, 2011	JETCC, Basic On-Site Wastewater System Installation, Orono.
April 7, 2011	JETCC, Subsurface Wastewater Disposal Rules: 2011 Revisions, Portland.
April 15, 2011	JETCC, Subsurface Wastewater Disposal Rules: 2011 Revisions, Augusta.
April 21, 2011	JETCC, Subsurface Wastewater Disposal Rules: 2011 Revisions, Ellsworth.
April 27, 2011	JETCC, Subsurface Wastewater Disposal Rules: 2011 Revisions, Farmington.
May 3, 2011	JETCC, Subsurface Wastewater Disposal Rules: 2011 Revisions, Presque Isle.
June 17, 2011	21st Annual MASE Golf Tournament.
June 29, 2011	Site Evaluator Makeup Exam.
September 28, 2011	Site Evaluator Field Exam.
September 29, 2011	MASE/MAPPS Field Day.