



**MASE 2010
Technical Seminar
and
Annual Business Meeting
Tuesday, February 23, 2010
Millenium Convention Center
416 Oxbow Road, Palmyra, Maine**

- 8:00 - 9:00** **Registration, Coffee, and Vendor/Sponsors Displays**
- 9:00 – 10:00** **“Advantages of Shallow Placed Soil Treatment Areas”**
David Kalen, New England Onsite Wastewater Training Program
David will discuss drip irrigation and low pressure pipe (shallow narrow drainfields, bottomless sand filters). He will discuss the differences between these applications with septic tank effluent and advanced treatment effluent. He will also show total nitrogen and phosphorous results from some of these applications.
- 10:00 - 10:15** **DEP legislation updates – Darryl Brown, Main-Land Development Consultants**
- 10:15 - 10:30** **Break**
- 10:30 - 11:00** **Div. of Environmental Health Report – David Braley, Drinking Water Program**
- 11:00-11:30** **Technical Review Committee Report – Albert Frick, Albert Frick Associates**
- 11:30-12:00** **Subsurface Rules vs. NRPA – Mike Mullen, DEP Enforcement**
- 12:00 - 1:30** **Lunch and Vendor Displays – Beef tips, stuffed chicken breast, garlic mashed potato, rice pilaf, buttered corn, tossed salad, yeast rolls, & dessert**
- 1:30 - 2:30** **“Soil Aeration”**
David Potts, Geomatrix, LLC
David will discuss the principles of biomat formation/why systems fail, soil gas, system rejuvenation research - pilot scale and field projects, and general effect of soil aeration hydraulically and from a treatment perspective.
- 2:30 - end** **Annual MASE Business Meeting: Report from the Board of Directors, Committee Reports, Election of New Board Members, Items from the Floor**

Questions or Comments

(6.0 professional development hours will be given to all attendees)

***Door Prizes from Several Vendors Will Be Awarded To Winners Present!**

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DRIVING DIRECTIONS TO MILLENNIUM



<http://www.milwed.com/Main.html>

FROM BANGOR

Distance: About 30 Miles

Travel Time: About 30 Minutes.

Take - **I-95 South**

Take - **EXIT 157**- toward US-2 / Newport / Skowhegan.

Turn **LEFT onto ME-Route 100 & 11.**

Drive **0.6 miles** to 416 Oxbow Rd.

We're on the right, part way up the hill. (Pale yellow building.)

Sign is on the building.

FROM WATERVILLE

Distance: About 30 Miles

Travel Time: About 30 Minutes

Take - **I-95 North**

Take - **EXIT 157**- toward Route 7 / Newport / Dexter.

Turn **Right onto ME-Route 100 & 11.**

Drive **0.3 miles** to 416 Oxbow Rd.

We're on the right, part way up the hill. (Pale yellow building.)

Sign is on the building.