

Association of Massachusetts Wetland Scientists (AMWS)

6/22-23/10 (Tuesday & Wednesday)

Advanced Soil Identification

Grafton, Mass.

9:00 a.m. - 4:15 p.m.

This 2-day course is suitable for wetland scientists and Mass. certified (and RIDEM-licensed*) soil evaluators, and includes classroom and field time both days. **Day 1** covers redoximorphic features; water movement in soil; and landscape position and parent material as they influence site selection and soil evaluations. You'll learn about problem soils, disturbed soils, hydric soils, permeability, and get an in-depth examination of geologic deposits typically found in Mass.

Day 2's subject is the intersection of 310 CMR 15 and 310 CMR 10 (Title 5 and The Wetlands Protection Act). How do you mesh regulations when a septic system needs to be installed in an area under the jurisdiction of the WPA, and the setbacks are not the same as Title 5? Along with this discussion of science vs. regulation, you'll learn about impacts from septic systems on wetlands and ground water quality; the influence of seasonal high ground water in wetland areas on adjoining upland areas; fluctuation of wetland lines and their potential influence on septic system setbacks; saturation and permeability, and more. Includes lunch both days.

This workshop is unusual for Massachusetts, as most soil training sessions acceptable for NEIWPC TCHs are held in R.I. or N.H. A total of 10 TCHs are available from NEIWPC. CEUs are also available.

Please note that this course does not replace the basic soil evaluator training required for certification. It is offered as continuing education for wetland scientists and certified soil evaluators.

*Instructors: **Dr. Peter Veneman** (Professor of Soil Science at UMass-Amherst; Certified Professional Soil Scientist); **Dr. Leslie "Mickey" Spokas** (Soil Characterization Laboratory at UMass-Amherst; Certified Professional Soil Scientist, Mass. Registered Sanitarian; Mass. Certified Soil Evaluator; Mass. Certified System Inspector); with assistance from **Art Allen** (Certified Professional Soil Scientist and N.H. Certified Wetland Scientist with EcoTec, Inc.).*

Cost * (2-days; includes lunch): \$440 member; \$500 non-member.

Note: Should you need to cancel your registration, you may do so no later than seven (7) days before the event for a \$75 processing fee. For the cancellation policy on all other AMWS workshops, please see below.

Contact: administrator@amws.org

*One-day registration may be accommodated at AMWS discretion, if this workshop is not fully-registered by June 1. If you are interested in registering for one day only, please contact administrator@amws.org on or after June 2.

(TO REGISTER, CLICK "WORKSHOP REGISTRATION FORM" BUTTON AT TOP OF PAGE)

Tip: Please confirm your 2010 AMWS membership BEFORE sending your check with the lower member rate. You may use the same check for your membership and workshop registration(s).



Registration Form

ADVANCED SOIL IDENTIFICATION

6/22-23/10 (Tues. & Weds.)

8:30 a.m. - 4:30 p.m.

Grafton, Mass.

Name: _____ Organization: _____

Tele: _____ Email: _____

_____ AMWS Member \$440 Lunch Choice: ___ Traditional ___ Vegetarian ___ Vegan
_____ Non-AMWS Member \$500

Registration confirmation will be emailed. A reminder will be emailed one week before workshop.

Please make check payable to AMWS and mail to: AMWS, 109 Whitney St., Northborough, MA 01532
