

What is an Amoozometer?

The Compact Constant Head Permeameter, also known as the **Amoozometer**, is a revolutionary piece of field equipment that provides the means to collect data for determining in-situ saturated hydraulic conductivity (Ksat) of the vadose (unsaturated) zone easily and conveniently. The procedure is known as: Constant Head Well Permeameter Technique, Shallow Well Pump-in Method, or Borehole Infiltration Test. The method has been described in detail in three of the Soil Science Society of America Monographs, including the second edition of the Methods of Soil Analysis.



(from www.ksatinc.com).



**Merrimack County
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**Merrimack
County
Conservation
District**

*“Measuring Water
Movement in Soil Via
a Compact Constant
Head Permeameter”
Workshop*

**Friday, September 8,
2017**

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

Epsom Fire Department

1714 Dover Road

Epsom, NH

Measuring Water Movement in Soil Via a Compact Constant Head Permeameter

Agenda

- 9:00 Introduction
Topics include: NH soils and WebSoil Survey
Presenter: Karen Dudley, NRCS
- 9:30 Alteration of Terrain
Topics include: infiltration testing, soil mapping, stormwater treatment technologies, channel and flood protection, groundwater recharge and permitting requirements.
Presenter: Bethann McCarthy, NHDES Alteration of Terrain Program
- 10:30 Break
- 10:45 Introduction to the Compact Constant Head Permeameter (a.k.a. Amoozemeter).
An introduction to the data, how to collect it, and how to interpret it.
Presenters: Karen Dudley, NRCS
- 11:30 Lunch and Travel to Field Site
- 12:15 Amoozemeter Field Work with Karen Dudley.

Agenda Continued

- 3:30 Data Overview
Participants will return to the classroom to analyze and interpret the data they collected in the field.
- 4:00 Wrap-up
Final questions

CEUs offered:

NH DES Subsurface Bureau:
3 credit hours



Registration Form

Please detach and this return form by
Wednesdasy, August 30th

Make check payable to:

Merrimack CCD
10 Ferry Street, Suite 211
Concord, NH 03301-5081

Cost: \$45.00 per person.

*Please bring your own bagged lunch.
(There is a Subway and McDonald's
nearby as well.)*

*Coffee and donuts will be provided in the
morning.*

**A reminder e-mail (or letter) with
directions will be sent to you the week
before the workshop.**

Name: _____

Affiliation: _____

Address: _____

City: _____

State: _____ **Zip:** _____

Phone: _____

E-Mail: _____

For questions, please call us at 223-6020,
or e-mail info@merrimackccd.org, or
visit our website at ww.merrimackccd.org
or drop by the office during normal
business hours.