

# 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).*

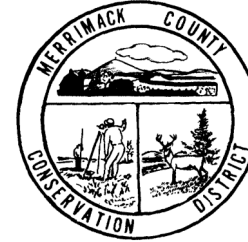


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Merrimack County Conservation District  
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**Merrimack  
County  
Conservation  
District**

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

**Friday, August 23, 2024  
9:00 a.m. to 4:00 p.m.**

**Riverhill Grange**  
*32 Horse Hill Road  
Concord, NH*

# Measuring Water Movement in Soil Via a Compact Constant Head Permeameter

## Agenda

- 9:00 Introduction  
Topics include: NH soils and WebSoil Survey
- 9:30 Alteration of Terrain  
Topics include: infiltration testing, soil mapping, stormwater treatment technologies, channel and flood protection, groundwater recharge and permitting requirements.
- Presenter:  
*Requested*
- 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.
- 11:30 Lunch and Travel to Field Site
- 12:15 Amoozemeter Field Work with Bob Carter, NH Dams, LLC.

## 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:

*Please contact your certifying entity for CEU eligibility*



## Registration Form

Please detach and this return form by  
**Friday, August 16th**  
*(Space Limited– Register Early)*

*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 deli 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](mailto:info@merrimackccd.org), or  
visit our website at  
[www.merrimackccd.org](http://www.merrimackccd.org) .