

## What is an Amoozemeter?

The Compact Constant Head Permeameter, also known as the **Amoozemeter**, 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](http://www.ksatinc.com)).*



Rockingham County  
Conservation District  
110 North Road  
Brentwood, NH 03833



Rockingham County  
Conservation District

Presents

## Amoozemeter Workshop

“Measuring Water Movement in  
the Soil”



Tuesday May 14, 2019

9:00 am-4:00 pm

## Brentwood Community Center

190 Route 125

Brentwood, NH 03833

## Agenda

Speakers: Karen Dudley-NRCS &  
Mike Schlosser-NHDES

9:00 Introduction

Soil Mapping : Order one vs.  
order two; HSG's

9:30 Alteration of Terrain

Benefits of infiltration  
(treatment, peak runoff  
reduction, groundwater  
recharge), infiltration testing  
requirements, soil mapping,  
and other permitting  
requirements.

10:30 Break

10:45 Introduction to the  
Compact Constant Head  
Permeameter (a.k.a.  
Amoozometer).

An introduction to the data,  
how to collect it, and how to  
interpret it.

11:30 Lunch and Travel to Field  
Site

12:15 Amoozometer 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:

*NH DES Subsurface Bureau*  
***pending***



# Registration Form

Please detach and this return form by

**May 7, 2019**

Make check payable to:

**Rockingham CCD**

110 North Road

Brentwood, NH 03833

**Cost: \$45.00 per person.**

If you prefer to pay with a credit card, please call the  
office. A \$5.00 convenience fee applies to all  
payments made with credit cards.

*Please bring your own bagged lunch.*

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

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

**Name:** \_\_\_\_\_

**Affiliation:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City:** \_\_\_\_\_

**State:** \_\_\_\_\_ **Zip:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

**E-Mail:** \_\_\_\_\_

For questions, please call us at 679-2790, or e-mail  
rccd@rockinghamccd.org or visit our website at  
www.rockinghamccd.org or visit the office during  
normal business hours.