

Mid-Atlantic Association of Professional Soil Scientists

Fall Workshop

Who Should Attend?

State Health Department
Sanitarians, Civil Engineers,
Land Planners Geologists,
and Soil Scientists

Guest Speakers:

Ian Kaufman, CPSS/SC
Soil Scientist
Delaware Environmental,
Inc.

Jim Whitehead, L.S. VP
Professional Land
Surveyor, Vice President
ATCS, PLC

Blair Venables, P.G.
Professional Geologist
DNREC

Don Hammerlund
Regional Consultant
MDE

Work one-on-one with
soil scientists on soil
texturing and describing
soil profiles.

For More Information

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Soils, Infiltration, and Groundwater Interpretation What does it all mean?

This workshop focuses on the ability of the soil to filter wastewater/stormwater pollutants as it infiltrates the ground. Currently in the Mid-Atlantic Region, state regulatory agencies require a certain distance or buffer above the seasonal high ground water levels to adequately treat these infiltrating waters. By understanding how soil texture, structure, and morphology can be used to interpret seasonal high ground water levels, we can make better decisions on selection of potential sites for wastewater and stormwater disposal.

The workshop will be in two parts:

1. Presentations - Speakers will discuss soils, local geology, land planning issues, and state regulatory perspective on these topics.
2. Field Session – Tests pits will be open at a local site to examine the soils for seasonal high ground water interpretation, adequate treatment zone, and soil morphological features for predicting infiltration ability. Actual infiltration tests will be completed the week before for discussing various methods (standard percolation test, single ring, and double ring methods) based on the test results.

When: Thursday, October 11, 2018

Where: Sudlersville Volunteer Fire Company

203 N. Church Street

Suddlersville, MD 21688

Time: 8:00AM – 4:00PM

Lunch will be provided

Field Session: 420 Cosden Road

Barclay, MD 21607