

**Soil Workshop:  
Describing, Documenting, and Interpreting Soil Conditions within Test Pits**

October 21, 2017  
8:00 AM to 4:00 PM  
Portsmouth, RI

**General Information:** 1-day Soil Workshop: Describing, Documenting, and Interpreting Soil Conditions within Test Pits. The workshop will start at 8:00 AM and end at 4:00 PM.

**Workshop Description:** The workshop will start with a 3.5 hour lecture and PowerPoint presentation. The topics covered at this time will include: past glacial history, landforms, groundwater and the different kinds of groundwater systems, and interpreting redoximorphic features for depth to seasonal high groundwater. A question and answer session will be included in the lecture.

Following the lecture session, participants will go into the field. There will be 2 to 4 excavated test pits (backhoe) located on different positions of the landscape. At each test pit location participants will describe/log the soil features (horizons and layers, presence of redox features, soil texture and color, depth to bedrock, presence of weathered rock, etc.). Before leaving each field site, participants will be asked to comment on the suitability of the site for on-site sewage disposal. At this time we will discuss: groundwater issues, presence of restrictive layers, unsuitable materials, and the system design best suited for the site.

**Continuing Education Units:** 4 CEUs for RIDEM CI-I, II, III & IV Licenses  
Participants will be required to sign in at the start of the workshop and attendance will be taken at the close of the workshop.

**Registration:** Space is limited to 20. To register please email [Kerri Rice \(click here to open email\)](#) or telephone at 401-821-8101.