



One Day Onsite Sewage and Water Workshop and Field Training

**Redoximorphic Features - Active vs. Relict:  
How to Describe and Interpret**

**April 20 or 21, 2016**

(the same training is being offered on 2 separate days)

**VA Department of Forestry Conference Center  
11301 Pocahontas Trail, Providence Forge, VA 23140**

*This workshop will examine the soil-forming forces that give rise to “redoximorphic features.” When soil science interprets these features, it poses the question of whether these features are actively forming and indicate current day hydrology (soil wetness and presence of a water table) or whether they are relict and left behind from an earlier soil-forming process which is no longer occurring. Relating the appearance of these features to the overall soil profile and the landscapes in which they are present are key factors in making these interpretations.*

*This day will include classroom technical presentations, recommendations for materials to be included in a Relict Water Table report, and examination of relevant soils through backhoe pit studies. Wear appropriate field clothing. The field study will occur rain or shine. The class will be limited to 30 participants. The trainers for this event are Jay Conta, LPSS, AOSE; Steve Thomas, LPSS, AOSE; Erik Severson, LPSS.*

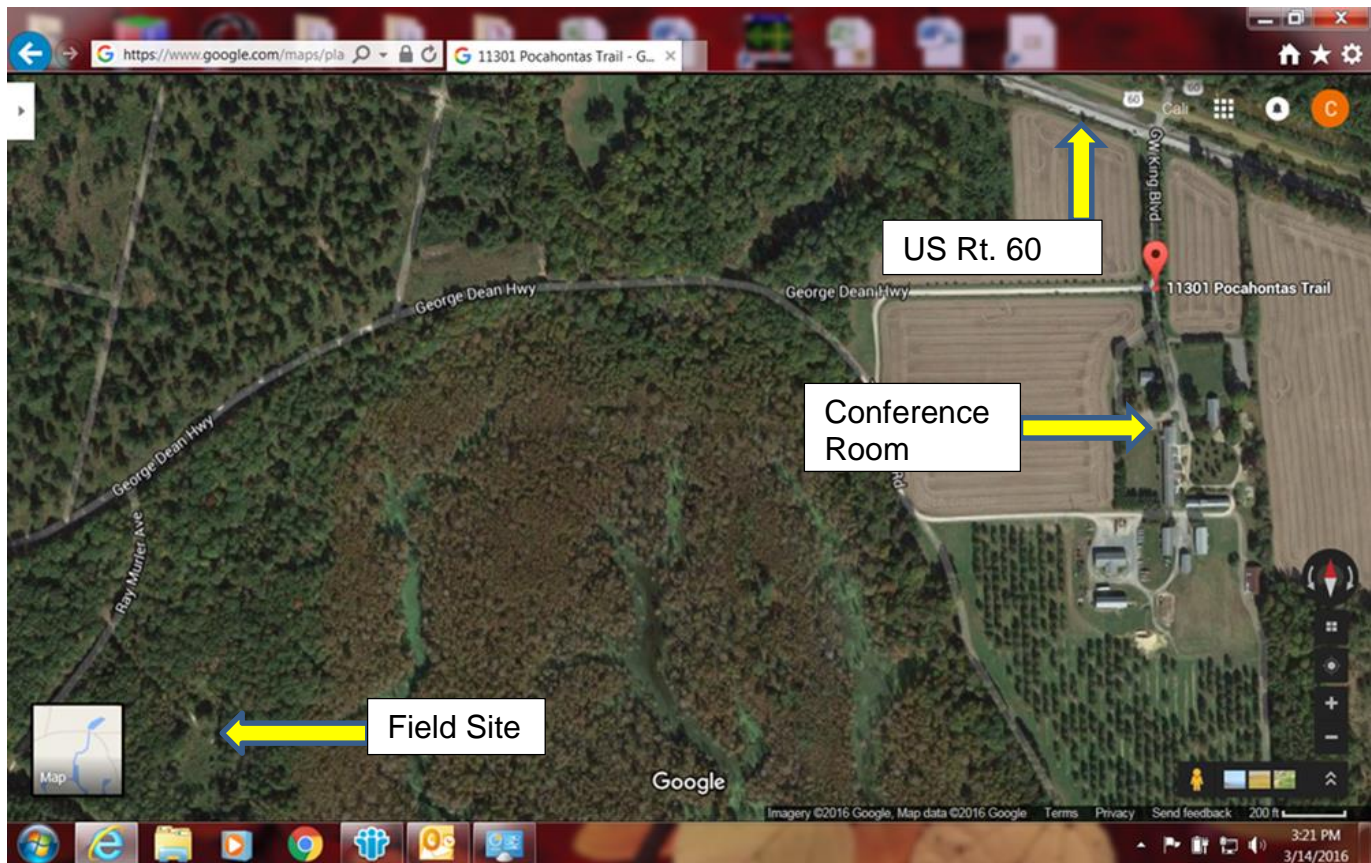
<b>8:30 – 8:50 AM</b>	<b>General Workshop Registration</b>
<b>8:50 – 12:00 PM</b>	<b>Technical Sessions &amp; Reporting Recommendations</b>
<b>12:00-1:00PM</b>	<b>LUNCH – (*bring your own*)</b>  <b>*VEHA will provide bottled water and some light snacks throughout the day</b>
<b>1:00 – 4:00 PM</b>	<b>Field Session – soil pit evaluation, ... please bring your own field equipment</b>
<b>4:00 - 4:30 PM</b>	<b>Group Discussion of soil evaluations/Wrap up</b>

**ADJOURN**

**Registration is limited to 30 participants on each day. Select which date you prefer and reserve your spot by emailing Tammy Faulkner at [tammy.faulkner@virginiaeha.org](mailto:tammy.faulkner@virginiaeha.org).**

**Workshop Fee:** Current VEHA members: \$30 Non-members: \$50 (includes membership)  
Registration will be done the morning of the event. Payment is due at sign-in. (please pay by check or bring exact currency)

**8 Hours CPE for DPOR licensure awarded by VEHA for attendance**  
**Continuing Education Hours are available for NEHA's REHS credential. Go to [NEHA's Continuing Education page](#) on their website to submit your request.**



### **Attendees,**

Please note that the Va. Department of Forestry Conference Center also has overnight accommodations available. Please see the information below if you are interested in reserving a room.

**Our Conference Center and Guest Rooms opened in 2006. We are self-supporting and receive no taxpayer funds for our operation. While we do provide meeting and overnight facilities for government and natural resource organizations, we are also available for rental by private groups for social events and retreats.**

**Each Guest room offers twin beds, fifteen double rooms and one handicap accessible single room. Bathrooms have walk in showers, plus a separate sink and vanity area. We provide cable TV, coffee makers, hair dryers, ironing boards and irons, clock radio, and writing desk with telephone.**

**All towels and linens are provided. The NKTCC does not offer housekeeping service if you are staying multiple nights, however, arrangements can be made in advance for additional linen and towels.**

**You are welcome to enjoy our Nature Trail and access to the Chickahominy River during your stay.**

## **Instructor Bio's**

### **Jay Conta**

Jay is Virginia Tech's Interpretive Soil Scientist for Eastern/Central Virginia. He earned his B.S. from the University of Wisconsin-Madison in Botany & Soils in 1975 and M.S. from North Dakota State University (Fargo) in Soils in 1983. Jay mapped soils for the USDA-Soil Conservation Service (now NRCS) in North Dakota from 1976 to 1983. Since 1983, he has been working with Health Departments across Virginia to train their new employees in site and soil evaluation. He works with soils in the on-site wastewater disposal program and visits field sites where there are questions about soil suitability for on-site sewage disposal. Jay is a Virginia Licensed Professional Soil Scientist (LPSS) and an Alternative Onsite Soil Evaluator (OSE).

### **Erik Severson**

Erik is Virginia Tech's Interpretive Soil Scientist for Western Virginia. He earned his B.S. in Environmental Science with a concentration in Soil Science from Virginia Tech in 2000 and his M.S. degree in Soil Science from NC State University in 2005. Erik mapped soils in southwestern Virginia with NRCS from 2005 until 2007. Since 2007, he has been working with Health Departments across Virginia to train their new employees in site and soil evaluation. He works with soils in the on-site wastewater disposal program and visits field sites where there are questions about soil suitability for on-site sewage disposal. Erik is currently working on his Ph.D. at Virginia Tech. He has over 15 years of experience in evaluating soils in Virginia and North Carolina. He has mapped soils in Maryland, South Carolina, West Virginia, and Virginia with NRCS. He is a Virginia Licensed Professional Soil Scientist (LPSS).

### **Steve Thomas**

Steve has been Virginia Tech's Interpretive Soil Scientist for Northern/Central Virginia since 2011. He earned his B.S. in Agronomy from Virginia Tech in 1976. He has more than 40 years of experience in soil mapping, classification, interpretation, and drain field investigation and design. Prior to joining Virginia Tech as an Interpretive Soil Scientist, Steve was owner of Thomas EnviroSoil, Inc., a private soil-consulting firm. He also mapped soils from 1976 until 1999 for Virginia Tech and was party leader for 20 years. Steve was appointed by Governor Allen in 1994 to the Sewage Handling and Disposal Regulations Appeals and Review Board. He served for 16 years and was chairman for 6 of those years. Steve is a Virginia Licensed Professional Soil Scientist (LPSS) and Alternative Onsite Soil Evaluator (OSE).