

# Know Before You Go!

## Fall 2021 Title 5 Soil Evaluator Certification

You are registered for the fall 2021 Title 5 Soil Evaluator Training and Certification! The long wait is over and I am looking forward to seeing you all in person soon! All of the info below can also be found on our [website](#). The first class is scheduled for Tuesday, September 14, 2021 at the Acton Public Safety Building in Acton, MA. As we discussed in an email earlier this week, you need to be fully vaccinated and wear a mask at the training. You will also need to sign a waiver the first morning of class. There is a link to the waiver below, you can print it out and sign it and bring it with you – there will also be copies at the class.

Most of the downloads that you will need for the class are linked below and as the others become available, I will alert you. There is a lot of information here but you need to read through it all, there is some pre-reading you need to do. If you have any questions, please don't hesitate to email me or call me directly at 978-349-2516.

Session	Day	Date	Arrive By	Location	Please Bring
Classroom 1	1	9/14/21	8:30 am	Acton Public Safety Facility, Acton, MA	<ul style="list-style-type: none"> <li>• Identification</li> <li>• Vaccination Card/Mask</li> <li>• <a href="#">Waiver</a></li> <li>• <a href="#">Lunch</a></li> </ul>
Classroom 2	2	9/16/21	8:45 am	Acton Public Safety Facility, Acton, MA	<ul style="list-style-type: none"> <li>• <a href="#">Lunch</a></li> <li>• Mask</li> <li>• Munsell Soil Color Book</li> </ul>
Classroom 3	3	9/21/21	8:45 am	Acton Public Safety Facility, Acton, MA	<ul style="list-style-type: none"> <li>• <a href="#">Lunch</a></li> <li>• Mask</li> <li>• Munsell Soil Color Book</li> </ul>
Written Exam	4	9/23/21	8:45 am	Acton Public Safety Facility, Acton, MA	<ul style="list-style-type: none"> <li>• Identification</li> <li>• Mask</li> <li>• No. 2 Pencils</li> <li>• Calculator (Non-programmable)</li> </ul>
Field Session 1	5	9/28/21 <i>Rain date: 9/30</i>	8:45 am	Bradley Palmer State Park, Topsfield, MA	<ul style="list-style-type: none"> <li>• Lunch</li> <li>• Mask</li> <li>• Munsell Soil Color Book</li> <li>• Topo Map/Aerial Map</li> <li>• <a href="#">Form 11</a></li> <li>• Items from Equipment List</li> </ul>
Field Session 2	6	10/5/21 <i>Rain date: 10/7</i>	8:45 am	Twin Orchard Farm, Southampton, MA	<ul style="list-style-type: none"> <li>• Lunch</li> <li>• Mask</li> <li>• Munsell Soil Color Book</li> <li>• Topo Map/Aerial Map</li> <li>• <a href="#">Form 11</a></li> <li>• Items from Equipment List</li> </ul>
Field Session 3	7	10/12/21 <i>Rain date: 10/14</i>	8:45 am	UMass Agronomy Farm, Deerfield, MA	<ul style="list-style-type: none"> <li>• Lunch</li> <li>• Mask</li> <li>• Munsell Soil Color Book</li> <li>• Topo Map/Aerial Map</li> <li>• <a href="#">Form 11</a></li> <li>• Items from Equipment List</li> </ul>
Field Exam	8	10/19/21 <i>Rain date: 10/21</i>	TBD <i>AM or PM Exam Times</i>	Bridgewater State Farm/MCI Land, Bridgewater, MA	<ul style="list-style-type: none"> <li>• Identification</li> <li>• Mask</li> <li>• Munsell Soil Color Book</li> <li>• Topo Map/Aerial Map</li> <li>• Form 11</li> <li>• Items from Equipment List</li> <li>• Calculator (Non-programmable)</li> </ul>

**Equipment List for Field Sessions**

**Download List**

<ol style="list-style-type: none"> <li>1. Sun block</li> <li>2. Insect repellent</li> <li>3. Munsell Soil Color Charts (Item #M50215B)</li> <li>4. Tape measure</li> <li>5. Trowel, knife, or small garden shovel</li> <li>6. Soil sample tray (a plastic plate or muffin tin is acceptable)</li> <li>7. Spray water bottle</li> <li>8. Small towel to wipe hands</li> <li>9. Clipboard</li> <li>10. Soil field guide (a small booklet that will be given out in one of the classroom sessions)</li> <li>11. Proper field clothing including rain gear, work boots, etc.</li> </ol>	<p>Pre-Course Reading:  <a href="#">Glossary of Soil Science Terms for Soil Evaluators</a>  <a href="#">Class Manual</a>  <a href="#">Course Outline</a>  <a href="#">Soils Booklet</a>  <a href="#">Field Session Form 11</a> (print at least 4 copies)</p> <p>Field Exam Form 11 (print at least 4 copies)</p> <p><b>Day 1 Course Materials:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Role of NEIWPCC</a></li> <li>• Intro to Title 5</li> <li>• <a href="#">Geologic Deposits</a></li> <li>• Intro to Soils</li> <li>• <a href="#">Soil Color</a></li> <li>• <a href="#">Soil Texture</a></li> <li>• <a href="#">Soil Horizons and Layers</a></li> </ul> <p><b>Day 2 Course Materials:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Soil Reference Materials</a> – (please bring a laptop)</li> <li>• Redox Features</li> <li>• <a href="#">Soil Structure and Consistence</a></li> </ul> <p><b>Day 3 Course Materials:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Determining High Groundwater</a></li> <li>• Reference Materials Practice</li> <li>• <a href="#">Site Evaluation and Perc Testing</a></li> </ul>
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<b>DIRECTIONS TO FIELD SITES</b>			
<b>Field Session 1</b>		<b>Field Session 2</b>	
Bradley Palmer State Park	9/28/21	Twin Orchard Farm	10/5/21
40 Asbury Street	8:45 am – 4:30 pm	146 Valley Road	8:45 am – 4:30 pm
Topsfield	(Rain Date: 9/30)	Southampton	(Rain Date: 10/7)
<ul style="list-style-type: none"> <li>• North of Boston, take Route 1 to Topsfield. Take right or left on Ipswich Road (depending on whether you are traveling north or south on Route 1).</li> <li>• Take right on Asbury Street, then take first left on to Bradley Palmer State Park Road (Park entrance).</li> <li>• Travel in to the Park to end of road where you will see buildings to the left and a dirt parking area over to the right.</li> <li>• Park/meet at this dirt parking lot on right.</li> </ul>		<ul style="list-style-type: none"> <li>• From Route 10 in Southampton, take Valley Road heading west and travel approximately 0.6 mile to the Farm.</li> <li>• Park/meet in the dirt parking lot to the right of the red barn.</li> <li>• Note: <i>When parking, please do not block any farm equipment or barn/facility access.</i> There is also some extra parking across the street.</li> </ul>	
<b>Field Session 3</b>		<b>Field Exam</b>	
UMass Agronomy Farm	10/12/21	Bridgewater State Farm/MCI Land	10/19/21
63 North River Road	8:45 am – 4:30 pm	76 Flagg Street	AM or PM
Deerfield	(Rain Date: 10/14)	Bridgewater	(Rain Date: 10/21)
<ul style="list-style-type: none"> <li>• North River Road is off of Route 116 in (South) Deerfield, just on the Deerfield side of the bridge across the CT River.</li> <li>• The farm is about <math>\frac{3}{4}</math> to 1 mile up the road on the west side of the road (opposite side of road from the CT River).</li> <li>• Look for the big old barn that is very close to and runs parallel to River Road.</li> <li>• Park behind/next to the barn.</li> </ul>		<ul style="list-style-type: none"> <li>• From downtown Bridgewater, take route 18 south, traveling approximately 2.5 miles, and then take a left on to Flagg Street.</li> <li>• Travel approximately 0.8 mile to the Soccer fields on right.</li> <li>• Park/meet in soccer fields parking area.</li> <li>• From here, we will form 3 groups and travel to the exam test pit locations in rotational “shifts”.</li> </ul>	

**Inclement weather:** Some class/exam dates may need to be cancelled due to inclement weather, depending on the severity of the weather and how it affects the field sites. If that is the case, we will utilize our Call-Em-All system, which works like a reverse 911 system. Each student would receive a pre-recorded phone message about the cancellation and a reminder about the make-up date. Determination on this will be made by 8 PM on the day before the session. It should be noted that the field sessions *will* generally be held in minor inclement weather (i.e., drizzle/showers) – this is the instructors' decision, so please make sure to check for emails/texts if you are unsure.