

**ONSITE SEWAGE PROGRAM ACCELERATED CERTIFICATION TRAINING  
INTRODUCTION TO FLORIDA SOILS AND THE SITE EVALUATION PROCESS  
MASTER CONTRACTOR PART II**

**AGENDA**

**Day 2 – Tuesday 8:00 AM – 4:45 PM (7 CEUs)**

- 8:00 – 8:15 Welcome, Introduction and Course Overview
- 8:15 – 10:00 **Site Evaluation Requirements** (1.75 Credit Units: R, M, and C)
- Net Usable Lot Area Determinations, Unobstructed Area Determinations
  - Establishing a Benchmark, System Setback
  - Water Table and Soil Determinations and Documentation (Site Evaluation Form and EH Database)
  - Soil Sizing Criteria
  - Ramifications of Soil Profile Refusals (Worst Case Scenarios in System Sizing)
  - Excavation and Fill Determinations
  - Frequent Flooding Determinations
  - Surface Water Boundaries (MAFL / MHWL)
- Field Exercise (Benchmark and MAFL)**
- 10:00 – 10:15 **BREAK**
- Introduction to Florida Soils**
- 10:15 – 11:00 **USDA Soil Basics** (0.75 Credit Units: R, M, and C)
- Define and describe allowable methodology for determination of soil textures
  - Describe DOH reference and proper use of United States Department of Agriculture Natural Resources Conservation Service (USDA NRCS) methodology
- 11:00 – 12:00 **Soil Components and Texture** (1.0 Credit Units: R, M, and C)
- Define and describe allowable methodology for determination of soil textures
  - Describe proper use of USDA NRCS texturing methodology for soils
- 12:00 – 1:00 **LUNCH (Two Options)** LUNCH (Two Options) Complimentary food is available at the FOWA Training Center. If you have special dietary needs, it is recommended you bring a sack lunch. No microwave is available for participants. Be advised there are a very limited number of food establishments near the Center. If you leave the training center for lunch, you are responsible to return prior to the start of 1 pm presentation. **If you are more than 15-minutes late returning from lunch, you will not be admitted back to the class.**
- 1:00 – 1:45 **Soil Colors and Their Interpretation** (0.75 Credit Units: R, M, and C)
- Define and describe methodology for determination of soil color
  - Describe proper use of Munsell color book
  - Describe methodology for determination of soil color contrast
- 1:45 – 2:15 **Seasonal High Water Tables – Non-hydric** (1.0 Credit Units: R, M and C)
- Define terms necessary to identify seasonal high water table indicators
  - Define and describe soil redoximorphic indicators for the non-hydric soil grouping
- 2:15 – 2:30 **BREAK**
- 2:30 – 3:00 **Seasonal High Water Table Indicators – Non-hydric Continued**
- 3:00 – 4:45 **Seasonal High Water Table Indicators – Hydric** (1.75 Credit Units: R, M, and C)
- Define and describe:
    1. Hydric soils indicator (HSI) usage, terminology and identification methodology
    2. Methodology for determining SHWT when using hydric soil indicators
    3. Focus on the most common indicators used in Florida
- NOTE: Examples that apply the presentation concepts will be distributed for student use and will be reviewed the next morning.

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**Day 3 – Wednesday 8:00 AM- 5:00 PM (6 CEUs)**

8:00 – 10:00 **Review and Field Soil Exercise\*\*** (2.0 Credit Units: R, M, and C)

- Review of material from previous day
- Soil Investigations

10:00 – 10:15 **BREAK**

10:15 – 12:00 **Field Exercise Continued** (1.75 Credit Units: R, M, and C)

12:00 – 1:00 **LUNCH (Two Options)** Food is available at the FOWA Training Center. If you partake in (eat for lunch) the food made available by FOWA, you **may not** claim class A/B meal for lunch on your travel reimbursement. If you have special dietary needs, it is recommended you bring a sack lunch. No microwave is available for participants. Be advised there are very limited food establishments near the Center. If you leave the training center for lunch, you are responsible to return prior to the start of 1 pm presentation. At the discretion of the presenter, **you can be removed from the course if you fail to return by 1 pm.**

1:00 – 2:00 **Soil Profile Documentation** (1.0 Credit Units: R, M, and C)

- Define and describe requirements for correct soil profile documentation for OSTDS permitting

2:00 – 2:45 **Web Soil Survey and Soil Classification Information** (0.75 Credit Units: R, M, and C)

- Define and describe web soil survey and its use
- Describe USDA NRCS soil classification system

2:45 – 3:00 **BREAK**

3:00 – 3:30 **Review and Questions** (0.5 Credit Units: R, M, and C)

3:40 – 5:00 **EXAMINATIONS – Intro To Florida Soils And The Site Evaluation Process / Master Contractor Part II**

Introduction to Florida Soils and The Site Evaluation Process / Master Contractor Part II Certification Examination will consist of 50 questions, both multiple choice and true/false. The time allotted to complete the exam is one hour and twenty minutes. Examinations will be graded as completed by the student, with 70% as the minimum passing score. Those students who do not pass the exam will be given the opportunity to review their examinations. A second examination will be given after the review period. A participant who does not achieve the minimum passing score on the second test will be required to repeat the course, as will any participant who does not take the second test on the same day. Please note examination time does not qualify for CEUs.

\*\*Please be prepared for fieldwork on both days. Bring insect repellent, Munsell color book, bucket auger, sharpshooter-type shovel, water bottles and clipboard.