

# **Onsite Soil Evaluator**

## **Select CEU Subject Matter Criteria**

**DHSS approved CEUs meeting any select criteria would also receive general CEUs.**

- Soil Morphology: soil genesis, soil physical characteristics, clay mineralogy, and soil taxonomy classification
- Soil Chemistry
- Soil Microbiology/Biochemistry: soil microbes and wastewater treatment
- Soil Drainage: determining the hydric characteristics of soils, soil physics, soil water movement, and groundwater drainage systems
- Composition of Wastewater
- Transport of Pollutants in Soil and Water
- Conducting Detailed Soil Evaluations: describing soil characteristics, landscape analysis, and assessing environmental hazards related to soil wastewater treatment
- Fill Material Use and Considerations
- Soil Stability
- Erosion Control/Management
- Slope/Elevation Measurements
- Use of Internet Soils Morphology Related Resources
- Onsite Soil Treatment Systems/Technology
- Assessing Soil Application of Sewage Effluent, and Residuals/Sludge Management
- Regulations: site/soil classification, soil loading rates, and setback requirements

### **Half Credit Select CEUs:**

The following subject matters that are specific to onsite wastewater may be awarded up to half select CEU for each general CEU awarded on a case-by-case basis. The select credit will be awarded to each applicable select criteria.

- Health: pathogens in wastewater, health effects of exposure to wastewater, how to protect against health risks
- Safety: chemical hazards, electrical hazards, confined space hazards, excavation and trench safety, OSHA
- Product/Equipment: training specific to new products or equipment

**General CEUs (No Select):** General topics below will be accepted as they pertain to onsite wastewater.

These classes are not specific to the field and therefore will not receive select credit (only receive general).

- First aid, CPR, and other general safety topics such as cleanup, storage, or disposal of hazardous substance
- Local onsite ordinances
- Missouri Onsite Wastewater Laws, registration/licensing requirements, and standards of practice (19 CSR 20-3.080)
- Other Agencies:
  - General – Watershed and groundwater protection
  - DNR – Residential Housing Development Rule or Land Disturbance
  - Missouri One Call – utility locate requirements
  - EPA – decentralized (OWTS and/or cluster systems) management, Clean Water Act related to OWTS and decentralized systems