

Inspector/Evaluator Select CEU Subject Matter Criteria

- Math: calculation of minimum design flow rates, volume calculations, tank sizing calculations, calculate minimum sizing for lagoon systems, and calculate minimum sizing of advanced pretreatment systems
- Water Well Construction: water sampling, and abandoned well issues
- Water Tracing Methods
- Interpreting Soil Surveys
- State Minimum Construction Standards: sewage tank sizing and installation requirements, pump installation requirements, advanced pretreatment system sizing and installation requirements, setback distance requirements, and onsite soil treatment systems/technology
- Inspections/Evaluations: equipment/tools, procedures, and forms
- Operation & Maintenance: sewage tank pumping requirements, effluent pumps and controls, media filters, advanced or alternative distribution systems, and scheduled maintenance checks
- Troubleshooting: homeowner use of system (questions/interview), flow rates/metering, infiltration/inflow, soil limitations, surface/subsurface drainage issues, tank function, effluent screens, advanced pretreatment system function, gravity distribution system function, pressure distribution systems function, and soil treatment system function

General CEU subject matter listed below will be accepted for any OWTS professional, but will not satisfy select criteria requirements unless it is listed with Select CEU Subject Matter.

DHSS approved continuing education units meeting any select criteria would also satisfy general CEU requirements

- Health and Safety Topics: pathogens in wastewater, health effects of exposure to wastewater, chemical hazards, confined space hazards, how to protect against health risks, trench safety and related soils issues, physical safety, electrical safety, general first aid, biological hazards and electrical hazards
- OWTS Regulations: Missouri Onsite Laws (DHSS), registration requirements and process, standards of practice, construction permit requirements/exemptions, permit application process, State Minimum Construction Standards (DHSS), Local onsite ordinances, water supply well requirements and setbacks, Missouri Residential Housing Unit Rule (DNR), land disturbance rules, transportation regulations, utility locate requirements (Missouri One Call), decentralized (OWTS

and/or cluster systems) Management (EPA), Clean Water Act related to OWTS and decentralized systems, watershed protection, and groundwater protection

- Procedures for Removing an OWTS from Service
- Plant and Soil Science
- Sustainable Onsite Wastewater Treatment Options
- Water Conservation/Water Management
- OWTS Math