

Onsite Wastewater Systems: Standard 610

Regulation 61-56: Onsite Wastewater Systems



www.scdhec.gov/septic

Benefits:

- » Expedited option for system approval that bypasses traditional application process
- » An option for projects that do not qualify for a DHEC designed system
- » Quick project approval and turnaround time

Process:

1. Submit required Soils Report, Engineering Plan, Application ([DHEC 1740](#)), Legal Description for the property, and Application Fee
2. Administrative Review of Application for Completion
3. Permit to Construct Issued
4. Construction and Installation of System
5. Stamped submittal from engineer of “as built” installation

Required:

- » Soils Report signed and stamped from SC licensed Professional Soil Classifier
- » Engineering Plan signed and stamped from SC licensed Professional Engineer
- » Submission of Application and Application Fee
- » Compliance with all requirements of Regulation 61-56
- » Stamped submittal from engineer of “as built” prior to receiving final approval

Standard 610 cannot be used for projects that involve:

- » A common shared system between properties
- » An estimated peak sewage flow of over 1,500 gallons per day
- » Projects with high amounts of fats, grease or oil (unless system is manufacturer certified for this purpose)
- » Industrial waste water

Site Soils Report must include:

- » Detailed soil profile descriptions, soil series, and taxonomic classifications
- » A minimum of two soil descriptions within primary disposal area; if repair area is adjacent, then one additional soil description is required in the repair area; otherwise two additional soil descriptions are required in the repair area
- » Depth to the zone of saturation
- » Depth to restrictive horizons
- » Description of topography in project area
- » Description of type and extent of any site modifications
- » Delineation of any affected jurisdictional wetlands with approval from appropriate agency
- » Professional Soil Classifiers Seal & Signature

Engineering Plan must include:

- » Engineer’s proposal, including statement that proposed system will function as required
- » Detailed site plan showing design, calculations, and location of all components of system and other improvements
- » Cross-sectional plan showing minimum 6” offset between trench bottom and zone of saturation and 12” offset to restrictive horizon
- » Minimum horizontal setbacks
- » 50% repair area
- » Engineer’s management plan to meet manufacturer’s recommendations for operation and maintenance of system and other site needs
- » Requirements specific to the installation of the system
- » Statement acknowledging that engineer is responsible for supervising construction, inspection, and submittal of system as-built plan



Please see 415 Appendix O of Regulation 61-56 for additional information or contact your local DHEC office with any questions.