SC DEPARTMENT of ENVIRONMENTAL SERVICES

APPLICATION CHECKLIST FOR PERMIT TO CONSTRUCT A SPECIALIZED ONSITE WASTEWATER SYSTEM

DISCLAIMER

Any permit to construct a specialized onsite wastewater system shall be based upon submittal by a Professional Engineer (PE) registered in SC of the documentation set forth in this checklist. This includes specifically the certification by the PE that the proposed onsite wastewater system has been designed in accordance with regulatory requirements and will function satisfactorily.

Per S.C. Code Reg. 61-56, Appendix Q, written documentation must be provided by a Professional Engineer registered in South Carolina (hereafter, PE) indicating that the proposed system will function satisfactorily and in accordance with all regulatory requirements. Such substantiating documentation must include the following:

☐ Soils Report from a licensed person meeting the criteria of Section 102.1(2)(b) or (c) including the following:

- ☐ detailed soil profile descriptions and Soil Series classification(s) utilizing methods and terminology specified in the Field Book for Describing and Sampling Soils;
- ☐ depth to the zone of saturation utilizing methods and terminology outlined in Redoximorphic Features for Identifying Aquic Conditions, and other appropriate principles specified in Soil Taxonomy;
- ☐ the depth to restrictive horizons; and
- ☐ a description of topography and other pertinent land features.

☐ Where there are drain field and replacement areas with a less than fifteen (15) inch zone of saturation, certification that no part of a specialized onsite wastewater system will be installed within one hundred twenty-five (125) feet of the critical area line or tidal waters as determined by the Department or within seventy-five (75) feet of the ordinary high water elevation within the banks of non-tidal, environmentally sensitive waters.

☐ A design plan that has been sealed, signed and dated by a PE that includes the following:

- ☐ a description of topography and other pertinent land features;
- ☐ an area equivalent to at least fifty (50) percent in size of the original system held in reserve for system repair that is configured to meet the regulatory minimum soil and site conditions; and
- ☐ certification by the PE that the proposed onsite wastewater system has been designed in accordance with the requirements of this regulation and will function satisfactorily.

☐ The manufacturer's recommendations for operation and maintenance of the system, and the consulting PE's management plan to meet regulatory requirements. For systems that have mechanical components and/or require a higher degree of maintenance to ensure the proper treatment and disposal of Domestic Wastewater, an operation and maintenance (O&M) plan must be developed by the designing PE to be given to the party who is ultimately responsible for the operation of the system. O&M plans must be recorded along with the property deed and must run with the land.

I certify that I have reviewed the above items and by checking each box agree that the engineered design submitted satisfies the necessary requirements for a Permit to Construct to be issued by S.C. DHEC.

Engineering Company	Consulting Engineer
State and License Number	Signature
Date	

Consulting Engineer Stamp or Seal

PE Checklist for Permit to Construct an OSWW System
Instructions for Completing DHEC 4356

Purpose: This checklist has been created for Professional Engineers to utilize when submitting plans for a Standard 610 Specialized Onsite Wastewater system.

Audience: Professional Engineer

Instructions:

- Complete the form, sign and date where indicated, and save as a PDF file.
- Submit the checklist PDF file along with all plans for specialized systems to: PSC-PE-Permits@des.sc.gov.

Office Mechanics & Filing: This document will be maintained with the OSWW permit application 07335.