

Kershaw County Planning and Zoning Department

515 Walnut Street, Room 160, Camden, SC 29020 803-7233



LAKE WATEREE OVERLAY DISTRICT RESIDENTIAL BUILDING SEDIMENT AND EROSION CONTROL CERTIFICATION

INTRODUCTION

Section 3:7.4-7 of the Kershaw County Zoning and Land Development Regulations states:

“Sediment and erosion controls for land development applications for major subdivisions, large acreage residential developments on private roads, minor group developments, major group developments, and planned development districts (PDDs) within the Lake Wateree Overlay District shall be regulated per the respective permitting process in the land development regulations of Article 5 of the Zoning and Land Development Regulations. For residential lots created through minor and exempt subdivision of property, or individually owned parcels being developed for residential uses, the individual homebuilder shall be responsible for implementing sediment and erosion controls as a condition to obtaining a building permit. In addition, when a developer of a major subdivision, large acreage residential development on a private road, or a PDD has completed the grading activities, utility installation, building of roads, and has recorded the final plat then sells a lot or group of lots over to a homebuilder(s), then the homebuilder shall likewise be responsible for implementing sediment and erosion controls as a condition to obtaining a building permit.”

INSTRUCTIONS

The attached certification must be signed by the residential homebuilder as a condition to approval of a building permit application.

Implementation of the sediment and erosion control (SEC) measures will be verified by Kershaw County personnel during the required building permit inspections and/or individual SEC inspections as required. Approval of each building inspection is contingent upon compliance with the SEC measures noted during such inspections.

A certificate of occupancy will not be issued until the site has been stabilized and the SEC measures have been removed from the site as stipulated in the SEC certification.

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LAKE WATEREE OVERLAY DISTRICT RESIDENTIAL BUILDING SEDIMENT AND EROSION CONTROL CERTIFICATE

1. The lot shall have Sediment and Erosion Control (SEC) protection around the entire boundary of the area of disturbance with allowances for no more than two (2) entrances/exits. This protection may be silt fencing, earthen or man-made berms or dikes, sediment tubes, or other controls as approved by the Kershaw County Stormwater Manager. These measures shall be installed within twenty-four (24) hours of land disturbance and maintained until the project is stabilized as detailed below. The following guidelines shall be followed:
 - a. The maximum length from the crest of a hill to the fence or other control is 100 feet. When the distance from a crest to the property boundary is greater than 100 feet, an intermediate row of silt fencing shall be used or another SEC measure shall be employed.
 - b. The maximum slope steepness (normal [perpendicular] to fence line) shall be two to one (2:1 or 50%). When exceeded, slope drains shall be employed.
 - c. A maximum of one-fourth ($\frac{1}{4}$) acre drainage area per 100 linear feet of silt fence should be used. When this is exceeded, an intermediate row of silt fence shall be used or another SEC measure shall be employed.
 - d. Sediment accumulated along the fence shall be removed when it reaches one third ($\frac{1}{3}$) the height of the fence.
 - e. Contact the Stormwater Manager, County Engineer, or Public Works Department for correct installation of silt fencing or alternate SEC controls. Where applicable, consult the manufacturer's recommended installation and maintenance procedures as applicable.
2. Nearby stormwater inlets, manholes, etc. in the street or adjacent property shall be protected through the use of sediment tubes, check dams, or inlet protection devices. These measures shall be maintained throughout the construction process until the site is stabilized as detailed below. Maintenance requirements are specified in the SCDHEC *Best Management Practices Manual*.
3. Construction entrances shall be provided at all entrances/exits (maximum of two). The entrance shall contain washed stone that is at least six (6) inches deep, twenty (20) feet wide, and fifty (50) feet long. The stormwater manager may approve a shorter driveway length due to specific site conditions. The stone shall be maintained throughout the construction process until the site is stabilized as detailed below. Sediment tracked onto streets shall be removed weekly. Additional information on the installation and maintenance of the construction entrances can be obtained from the Stormwater Manager, County Engineer, and the Public Works Department.
4. All SEC shall be inspected every seven (7) calendar days and within twenty-four (24) hours after each rainfall event that produces one-half ($\frac{1}{2}$) inches or more of precipitation.
5. Construction debris and other waste shall be contained in a dumpster or covered with plastic. Covers that prevent exposure to precipitation shall also be used for stockpiles of soil. Chemicals, paints, solvents, and other materials shall be stored such that exposure risk to precipitation and stormwater runoff is low. Concrete wash water shall be disposed in an area of soil away from surface waters where soil can act as a filter or allow the water to evaporate. Be aware that this water can kill vegetation. Remaining cement shall be disposed of in a dumpster or otherwise removed from the site. De-watering water shall be

6. disposed of in a pervious area. Discharge of sediment from dewatering operations shall be prevented from entering into storm sewers and surface waters.
7. Areas not used during construction should be vegetated with sod or grass seed. Existing/natural vegetation should be preserved as much as possible. Grass specifications are available from the Stormwater Manager and Planning and Zoning Department.
8. A site is considered stabilized once the entire area other than buildings, driveways, and walkways has vegetative cover with a density of seventy (70) percent. Seeding should be accompanied or replaced with erosion control mats as necessary to achieve this density.
9. After final stabilization is achieved, all SEC measures shall be removed from the site.
10. The general regulations of the stormwater management standards in Article 5 of this Ordinance shall also apply.

"I, _____, certify under penalty of law that I understand and will implement the County's Sediment and Erosion Control (SEC) requirements specified above. I will ensure that the SEC measures are maintained. I further certify that Kershaw County inspectors may enter the property as necessary to ensure compliance with all related requirements."

Residential Homebuilder

Date

Receiving Planning Official

Date