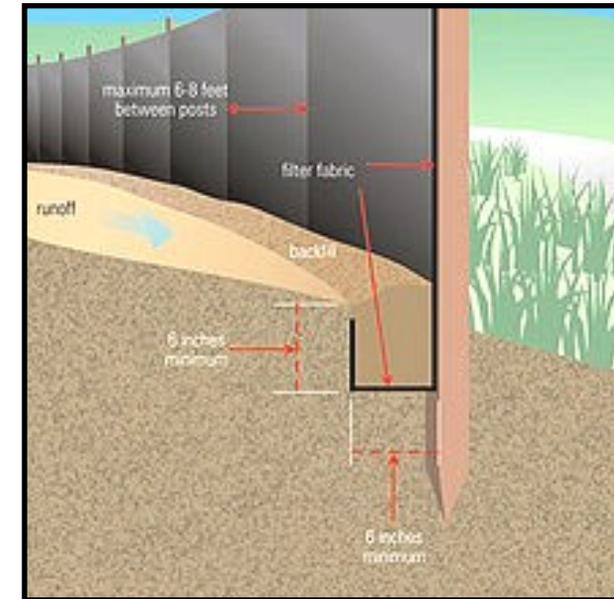




COMMUNITY DEVELOPMENT LAND DEVELOPMENT DIVISION

The Lexington County Land Development Division is responsible for management of the County's National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permit. The Division oversees construction site compliance, floodplain management and water quality programs. The Division also oversees the implementation of air quality programs and initiatives.



Residential Building Erosion Protection & Sediment Control (EPSC)

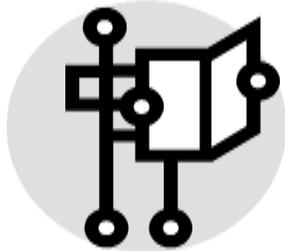
COUNTY OF LEXINGTON
LAND DEVELOPMENT DIVISION

212 South Lake Drive, Suite 400
Lexington, SC 29072

Phone: (803) 785-8121

Fax: (803) 785-5186

RESIDENTIAL BUILDING EROSION PROTECTION & SEDIMENT CONTROL



To remain in compliance, follow these directives.

The following are Erosion Prevention and Sediment Control (EPSC) Requirements.

The measure defined within this brochure assists the builder with compliance to federal, state and local requirements for water quantity and quality.

1. The lot shall have Best Management Practices (BMPs) around the boundary of the parcel with allowances for no more than two entrance/exits. The BMP may be silt fencing, earthen or manmade berms or dikes. These measures shall be installed within 24-hours of land disturbance and maintained until the project is stabilized as detailed below. The following guideline should be followed:
 - Sediment accumulated along the silt fence or other BMPs shall be removed when it reaches 1/3 the height of the silt fence or other BMP.
 - Proper construction of these measures can be found in the Lexington County Land Development Manual of SC DHEC's BMP Manual. Manufacturers recommended installation and maintenance procedures shall be followed if 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 will be maintained throughout the construction process until the site is stabilized as detailed below. Maintenance requirements are specified in the SC DHEC BMP Manual
3. Construction entrances shall be provided at all entrances/exits (maximum of 2). The minimum construction entrance size shall be 10-foot by 20-foot, have a minimum thickness of 6 inches using fabric ad stone with a diameter of 1 inch or greater. 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. More information on the installation and maintenance of the construction entrances can be obtained from the SC DHEC BMP Manual.
4. All BMPS shall be inspected every 7 calendar days.
5. Construction debris and other waste shall be contained in a dumpster. 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 where the water can evaporate. Remaining cement shall be disposed of in a dumpster or otherwise removed from the site.] Be aware that this water can kill vegetation.
6. Areas disturbed but not under construction should be vegetated with sod or grass seed. Existing/natural vegetation should be preserved as much as possible. Grass specifications are available from SC DHEC BMP Manual..
7. A lot(s) is considered stabilized once the entire disturbed area other than buildings, driveways and walkways have vegetative cover with a density of 70% across the entire site.
8. After final stabilization is achieved, all BMPSs measures shall be removed from the site.