

# Standard Erosion and Sediment Control Plan

## (Disturbance from 5,000 to 30,000 square feet)

I. This Standard Erosion and Sediment Control Plan may be used instead of a detailed plan for earth disturbances where all the following conditions are met:

A. The disturbed area is between 5,000 and 30,000 square feet and cut or fill areas do not exceed 500 cubic yards or 10 feet of height or depth or when an approved drawing is not required.

Necessary sediment control measures will be limited to silt fence, super silt fence, clear water diversion berm, and stabilized construction entrance. These measures will be selected by the permittee, unless site inspection by the Environmental Inspector determines that the selected measures will not be adequate based on site conditions.

B. The owner, builder, or developer is not the same owner, builder, or developer of any contiguous lots undergoing development, with a total disturbed area of all lots not exceeding 30,000 square feet. (On road construction only erosion and sediment control plans, when the owner, builder or developer is the same for any contiguous lots undergoing development with a total disturbance of all lots exceeding 30,000 square feet, an approved plan must be obtained from Carroll Soil Conservation District regardless of whether construction is at the same time or not.)

C. All grading is to be compliant with Chapter 152, Grading and Sediment Control, Carroll County Code of Public Local Laws and Ordinances.

D. No earth disturbance will take place within the limits of the 100-year floodplain of any stream, or 100 feet of any perennial stream.

E. An attached plot plan shows the proposed development with arrows indicating the drainage pattern, driveways, stockpiles, limits of disturbance, utilities connection, and septic areas of the site.

F. The project is not within a developing subdivision.

## II. CONDITIONS

A. Access to the site and this plan shall always be available for inspection by the Carroll County Bureau of Resource Management – Environmental Inspection Services Division.

B. If the applicant fails to provide adequate sediment control according to the provisions of this plan, the Carroll County Bureau of Resource Management – Environmental Inspection Services Division reserves the right to require corrective action.

C. If there is concurrent construction on an adjoining lot, the Carroll County Bureau of Resource Management – Environmental Inspection Services Division may require additional sediment control measures as necessary.

- D. Nothing herein relieves the applicant from complying with all other Federal, State, County or Municipality regulations. A custom plan for utility connection and stream crossing where applicable may be required. MDE Waterway or Wetlands permits may be required for construction in streams, wetland, and 100-year floodplain.
- E. This Standard Erosion and Sediment Control Plan will remain valid for three years from the approval date.
- F. When applying for a building permit, the above conditions are a valid part of the Permit Application and part of the Building Permit procedures, which shall include all requirement and violation procedures.
- G. The applicant shall notify the Carroll County Bureau of Resource Management – Environmental Inspection Services Division at (410) 386-2210 at least 24 hours prior to starting site work.

### III. GRADING

- A. Sediment control measures shall be installed prior to initial earth disturbance.
- B. Grading of all residential and commercial sites shall be completed in accordance with the approved site plan, provisions of Chapter 152, Grading and Sediment Control, Carroll County Code of Public Local Laws and Ordinances, and the current Maryland Standards and Specifications for Soil Erosion and Sediment Control; Standards and Specifications for Land Grading.
- C. The maximum grade shall not exceed ten percent (10%) within twenty feet (20') of a proposed structure on the front and rear yard. The side yard maximum slope may not exceed 3 horizontal to 1 vertical (3:1). Maximum grade, more than twenty feet (20'), beyond a residence, shall not exceed a 3:1 slope to the property line, or existing grade.
- D. The minimum grade away from a residence shall fall at a rate of five percent (5%) for a ten foot (10') distance.
- E. If extreme grade conditions exist, appropriate safety devices (i.e. fences, guardrails, landscape, etc.) may be required to be installed.
- F. Owner or his agent will be responsible for taking corrective action and seeking technical assistance should any erosion or sedimentation problem arise, as determined by the Environmental Inspector. Any sediment control devices that are damaged or disturbed shall be restored or repaired before the end of the day.
- G. The permanent driveway or entrance location shall be used as a stabilized construction entrance. Nonwoven geotextile covered with two-inch stone, 6 inches deep, 30 feet long, and 10 feet wide. **The minimum permissible pipe size is 15 inches with a minimum length of 30 feet.** The entrance shall be top-dressed with stone, as necessary, to prevent tracking of sediment onto public streets, right-of-ways, or use-in-common driveways.
- H. At any location where surface runoff from disturbed or graded areas flow off the property, silt fence or super silt fence shall be installed to prevent sediment from being transported offsite.

- I. Swales or other areas that transport concentrated flow shall be stabilized at a minimum with sod or erosion control matting. Downspout outfalls shall be protected by splash blocks.
- J. Grading shall not impair existing surface drainage, create an erosion hazard, or create a source of sediment to any adjacent watercourse or property.  
All fill must be free of brush, rubbish, rocks, logs, stumps, building debris, and other objectionable material that would interfere with proper compaction of fill. No fill will be placed on frozen surfaces. Compaction will be accomplished using approved methods. Areas to be filled shall be properly prepared (i.e. removal of all vegetation and other organic material and removal of existing topsoil).
- K. All clearing and grading shall be completed in the following sequence:
  - 1. Limit initial clearing and grubbing for the installation of the construction entrance, perimeter controls, and any remaining controls.
  - 2. Install stabilized construction entrance, perimeter silt fence, any other sediment controls.
  - 3. Clear, grub, and grade the remainder of the site as specified by the limits of the disturbance shown on the attached plot plan.
  - 4. Provide temporary stabilization of any area that will not be actively graded within seven (7) days.
  - 5. Construct any structures and utilities.
  - 6. Provide final grading and stabilization according to the seeding or sodding specifications (minimum stabilization by seeding and tack mulching).
  - 7. After the site has been stabilized with adequate vegetation, and with the permission of the control inspector, remove sediment control practices and stabilize remaining disturbed areas.
- L. Any pumping of water must be filtered and done according to the criteria contained in the most current version of the Maryland Standards and Specifications for Soil Erosion and Sediment Control.

#### IV. STABILIZATION

- A. Following initial earth disturbance, permanent or temporary stabilization of all perimeter controls, dikes, swales, ditches, perimeter slopes, and all slopes greater than 3:1 shall be completed within three calendar days. All other disturbed or graded area on the project site not under active construction shall be stabilized within seven days.

Maintenance shall be performed as necessary to ensure that the stabilized area continuously meets the appropriate requirements of the current Maryland Standards and Specifications for Soil Erosion and Sediment Control.

- B. No Use and Occupancy permit will be issued without permanent or temporary stabilization of the site.

#### V. SPECIFICATIONS

For standards and specifications regarding silt fence, super silt fence, stabilized construction entrance installation, stockpiles, and temporary and permanent stabilization practices, refer to the current Maryland Standards and Specifications for Soil Erosion and Sediment Control in effect as of the date of this application. Amendments to this Standard Erosion and Sediment Control Plan will require approval by the Maryland Department of the Environment, Carroll County Commissioners, and the Carroll Soil Conservation District.