



Environmental Health – Land Use Services

Building and Safety

(909) 387-8311

(760) 995-8140

www.sbcounty.gov/ehlus

SOIL EROSION AND SEDIMENTATION CONTROL GUIDELINES

Soil Erosion Control Standards

The following erosion control measures shall be followed for all development where erosion and sediment control plans and permits are required by Chapter 2, Division 10 of the San Bernardino County Development Code. In addition to the following standards, refer to the "Erosion and Sediment Control Handbook" dated May, 1978 and published by the California Department of Conservation and the Environmental Protection Agency (EPA 440/3-78-(03), for a complete description of proper soil erosion control techniques:

1. During construction, measures should be taken to minimize silt-laden runoff from construction sites reaching drainage courses. This can most readily be done by installing a fence of filter fabric around the downslope edges of the project. In some instances, visqueen-covered earth or gravel berms can be constructed around the downslope edges of the project, and runoff from the site can be allowed to percolate within the property. Lines of straw bale filters should be used only in nearly flat terrain, unless staked in. Silt-laden runoff from construction site shall not be allowed
2. to leave site.
3. All access to the project site should be from the uphill side to ensure that runoff from the site does not run out of the temporary access where it could reach water courses. Access refers to construction access for materials and workers. Note: If uphill access is impossible or impractical - then use downhill access. However, necessary temporary erosion control (i.e, straw bales, filter fabric fences, rock, etc.) is required.
4. Only minimum soil disturbance should be permitted, grading a limited section at a time so prompt revegetation and/or construction can control erosion. - Where possible, only those areas which will later be resurfaced, landscaped or built on should be disturbed. Resurfacing of parking lots and roadways should take place as soon as practicable following grading to prevent erosion.
5. Periodic inspection should occur to ensure the integrity of temporary erosion control measures. Where they have been found in disrepair, they should be immediately corrected. Periodic inspection by owner, contractor, and the building inspector is required. Maintenance of erosion control measures is the responsibility of the owner. The building inspector will inspect erosion control measures at all called inspections, upon receiving a complaint or as necessary to assure compliance.
6. Continued and serious erosion problems which cause or threaten to cause turbidity and siltation in perennial streams, lakes, flood control drainage devices or streets, should be cause to stop construction until the problem is corrected.

7. Permanent soil stabilization measures should include sodding or seeding and adequate protection to ensure vegetation takes hold (wood chips, crimped straw, jute matting, hydromulch, etc.). Final approval of the project should not take place until vegetation has been reestablished. The local resource conservation district (SCS) can be contacted to recommend seed mixtures and plants which have been proven effective. Soil is required to be stabilized so it will not leave the site due to rain runoff. "Reestablished" means all bared areas seeded with native or compatible fast germinating vegetation, and covered with jute netting or equivalent on steeper slopes. Maintenance is the responsibility of the property owner.
8. Grading operations shall be planned to avoid their occurrence within the rainy season. Every effort should be taken to assure that all road construction and related drainage improvements be completed within a twelve (12) month period. The rainy season is generally considered October 15th through April 15th. Grading permits shall only be issued between these dates if a plan for Erosion Control and Silt Retention has been approved by the Building and Safety Division.

GUIDELINES FOR EROSION AND SEDIMENT CONTROL REPORT

Fill out an Erosion Control Permit Application, pay the Erosion Control Permit Fee, and obtain the Erosion Control Report form at the Public Information Counter. Complete the applicant's section of this report showing the following information enumerated on the report form:

1. Fill in the applicable information in this section. For the "Work To Be Done" blank, please be specific (i.e. erosion control for single family residence or erosion control for garage and driveway).
2. Show the proposed building(s) and construction on the site plan or attach a plan. Also include all drainage directions, stockpile of spoil and building materials, methods of temporary and permanent erosion control and proposed tree removal (see Guidelines for Tree Protection, Division 9 of the Development Code).
3. Indicate the proposed dates of construction. Construction/land disturbance that occurs during the "rainy season" - October 15th to April 15th - requires continuous implementation of erosion control measures. Continuous implementation is required at the end of each work day in the FIRE SAFETY OVERLAY DISTRICT areas during All seasons.
4. Check the appropriate box for the proposed method of temporary erosion control measures.
5. Check the appropriate box for the proposed method of permanent erosion control.
6. Specify location of disposal area for excess spoil, if any. This disposal area may require grading and/or erosion control permit(s).
7. This box is checked by the inspector if there is sufficient information for approval.
8. If there is not sufficient information shown on this form to mitigate the erosion and sediment control concerns for the proposed development, then a complete erosion control plan shall be required.

9. Do JIQ1 sign report until after the erosion control inspector has made the site check and completed the lower section of the report.

After the report has been completed by the erosion control inspector, and you agree with any conditions listed, then you may sign the report and your erosion control permit will be issued. This report is required to be on site for all required inspections and becomes part of your approved plans.