



Stormwater Quality Protection Program | Post-Construction Requirements for Single-Family Hillside Homes

Single-family hillside home projects have specific post-construction requirements separate from other new development and redevelopment project categories. The intent of these requirements is to minimize erosive conditions and stormwater pollution that may result from single-family hillside development.

Applicability: These guidelines apply to properties where a single-family hillside home is located in an area with known erosive soils conditions, where the development will result in grading on any slope that is 20% or greater or designated critical erosion areas.

These conditions do not apply to individual lots within a larger project. Larger projects (e.g., projects that consist of more than one home) should review Section 1.5 of the 2011 TGM to determine applicable post-construction requirements. The 2011 TGM may be found at: www.vcstormwater.org.

The following measures shall be applied to the entire lot during the construction of a single-family hillside home that meets the above applicability criteria.

Conserve Natural Areas

1. Locate development on the least sensitive portion of the lot and leave the remaining land in a natural undisturbed state. Sensitive portion of the lot should include areas covered under Clean Water Act Section 404 such as riparian areas and wetlands.
2. Limit clearing and grading to the minimum needed to build the home, allow access, and provide fire protection.
3. Maximize trees and other vegetation at the site.

Protect Slopes and Channels

Slopes

1. Adhere to erosion and sediment control standards.
2. Safely convey runoff from the tops of slopes, if necessary.
3. Vegetate slopes.

Channels

1. Minimize runoff.
2. Utilize natural drainage systems (i.e., natural topography).
3. Stabilize channel crossings.
4. Install energy dissipaters (e.g., rip rap) at the outlets of storm drains that discharge to unlined channels.

Provide Storm Drain System Signage

Storm drain message markers or placards are required at all storm drain inlets within the project boundary.



Divert Runoff to Vegetated Areas

1. Direct runoff from rooftops to vegetated pervious areas of the site or to a rainwater collection system (e.g., rain-barrel). Spread runoff to reduce erosion to landscaped areas using a splash block or other dispersion method.
2. Allow other impervious surfaces such as sidewalks, patios, and driveways to sheet flow to vegetated areas.
3. Runoff should be directed to well established vegetation that is at least 25 feet in length.
 - a. If less than 25 feet, a perforated stub-out connection may be used in lieu of rooftop runoff dispersion.
4. No erosion or flooding of downstream properties may result.
5. Runoff should not be directed to areas above slopes greater than 20% or above erosion hazard areas without evaluation by a geotechnical engineer or qualified geologist and County approval.

For more information contact:

Ventura County Stormwater Program staff at (805) 662-6737 or (805) 645-1382 or visit Surface Water Quality Section at <http://onestoppermit.ventura.org>

Detailed information on post-construction requirements for new development and redevelopment projects can be obtained from: Ventura Countywide Stormwater Quality Management Program www.vcstormwater.org

