

**2019 California Green Building Standards Code**  
**Residential and Non-Residential Development**  
**Compliance Forms and Worksheets**



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## **Residential Development**

Per the 2019 CalGreen Building Standards Code §4.106.2, a residential development project that disturbs less than one acre of soil and is not part of a larger common plan of development that in total would disturb one acre or more shall manage their stormwater drainage during construction. One or more of the following measures shall be implemented to prevent flooding of adjacent property, prevent erosion and retain soil runoff on site:

1. Retention basins of sufficient size shall be utilized to retain stormwater on the site.
2. Where stormwater is conveyed to a public drainage system, collection point, gutter or similar disposal method, storm water shall be filtered by use of a barrier system, wattle or other best management practices (BMP) method approved by the enforcing agency.
3. Compliance with a lawfully enacted storm water management ordinance.

## **Non-Residential Development**

Per 2019 CalGreen Building Standards Code §5.106.1, non-residential newly constructed projects which disturb less than one acre of land shall prevent the loss of soil or pollution of stormwater runoff from the construction activities through local ordinance requirements and/or best management practice (BMP).

BMPs that should be considered for implementation as appropriate for each project include, but are not limited to, the following:

### **Erosion and sediment control BMPs**

- Scheduling construction activity
- Preservation of natural features, vegetation and soil
- Drainage swales or lined ditches to control stormwater flow
- Mulching or hydroseeding to stabilize soils.
- Erosion control covers to protect slopes
- Protection of storm drain inlets (gravel bags or catch basin inserts)
- Perimeter sediment control (perimeter silt fence, fiber rolls)
- Sediment trap or sediment basin to retain sediment on site
- Stabilized construction exits
- Wind erosion control

### **Housekeeping BMPs:**

- Material handling and waste management
- Building materials stockpile management
- Management of washout areas (concrete, paints, stucco, etc.)
- Control of vehicle/equipment fueling to contractor's staging area
- Vehicle and equipment cleaning performed off site
- Spill prevention and control

No grading shall be done until stormwater soil loss prevention plan has been approved by the enforcement agency (County of Kern). The contractor should employ the site-specific BMPs in the plan as needed and as conditions arise. The contractor should conduct site inspections before, during extended storm events, and after each storm event to identify areas that may contribute to erosion and sediment problems or any other pollutant discharges. Additional control measures may need to be implemented immediately.

Attached is some information of Best Management Practices (BMPs) which may be used to help reduce or eliminate sediments and other pollutants in stormwater discharges. Stormwater contaminated with sediment and other pollutants that enter a private or county-maintained drainage basin may adversely affect the underlying groundwater which is considered a water of the State and is protected by state and federal statutes.