

Required Storm Water Best Management Practices (BMPs) for Construction Sites

Construction sites of all sizes are required to use water quality protection practices to reduce the amount of dirt, trash, and other pollutants that could otherwise leave the sites. The storm water BMPs below are the minimum requirements for all construction sites within the City. See the City's Storm Water BMP Manual for additional details.

ESTABLISH PERMANENT VEGETATION

- ⇒ Install final cover (landscaping, buildings, pavement, etc.) as soon as possible
- ⇒ Protect other areas where permanent vegetation is not yet established



Wood mulch



Straw mulch

UTILIZE TEMPORARY EROSION PRACTICES

- ⇒ Protect bare soil and other disturbed areas at least 48 hours before predicted storms with at least 50% chance of rain using one or more of the following*:
 - Wood Mulch (SS-8)
 - Straw mulch (SS-6)
 - Plastic covers (SS-7)
- ⇒ Disturbed areas that are left inactive for 10 days or more **must** have erosion control measures.

**Other Caltrans soil stabilization methods are also acceptable.*

CONTROL SEDIMENT FROM PROJECT

- ⇒ Prevent tracking of dirt to areas outside the construction site by sweeping neighboring paved areas at the end of each work day (SC-7).



PROTECT STOCKPILES AND MATERIAL

- ⇒ Cover stockpiles at least 48 hours before predicted storms with at least 50% chance of rain (WM-3).

Fiber rolls or gravel bags to protect perimeter and hold plastic in place

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CONTAIN SITE PERIMETER

- ⇒ Use one or more of the following around the perimeter of the construction area:
 - Fiber rolls (SC-5)
 - Silt fence (SC-1)
 - Gravel bag berm (SC-6)
- ⇒ Install perimeter protection around the entire project.



Silt Fence



Fiber Rolls
(trenched or secured)



Gravel Bag Berm



DRAIN INLET PROTECTION

- ⇒ Ensure all drains on site and nearby curb inlets on street are protected (SC-10)
 - Utilize check dams upstream of curb inlets to filter out sediment
 - Drains within project site should be protected so that sediment and construction material cannot enter

CONCRETE WASHOUTS

- ⇒ Washout concrete only to designated, lined area only (WM-8).

Note: this BMP only applies if pour in place concrete work is part of the project.



Additional required practices:

- Clean up trash regularly, store in designated area, and dispose appropriately (WM-5)
- No water other than rain is allowed to leave the site (NS-1, NS-2, NS-6, NS-7)
- If vehicles or equipment will drive onto the site through unpaved areas that are not existing roads (e.g., gravel roads or driveways), a stabilized construction entrance must be set up and maintained. This is usually done by laying down gravel over the dirt area next to an existing road or driveway that vehicles or equipment will drive through to access the site. See Caltrans BMP TC-1.
- Deficiencies discovered during an inspection of the construction site must be corrected prior to the next rain event or as directed by the City inspector (or approved official).