



Storm Water Best Management Practices (BMPs) for School 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 leave the sites. The storm water BMPs below represent industry standards for the minimum requirements at all construction sites.

CONTAIN SITE PERIMETER

- ⇒ Use one or more of the following around the perimeter of the construction area:
 - Impervious areas:
 - Gravel bag berm (SC-6)
 - Compost sock *SE-13
 - Pervious areas:
 - Fiber rolls (SC-5)
 - Silt fence (SC-1)
- ⇒ Install perimeter protection around the entire project.

*CASQA factsheet



Silt Fence



Compost Sock



Gravel Bag Berm



PROTECT DRAINS & INLETS

- ⇒ Ensure all drains on site and nearby curb inlets on street are protected (SC-10)
 - Utilize check dams (SC-04) upstream of curb inlets to filter out sediment
 - Drains within project site should be protected so that sediment and construction material cannot enter

UTILIZE TEMPORARY EROSION PRACTICES

- ⇒ Protect bare soil and other disturbed areas 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 14 days or more **must** have erosion control measures installed at all times.

*Other Caltrans soil stabilization methods are also acceptable.



Straw mulch



Wood mulch

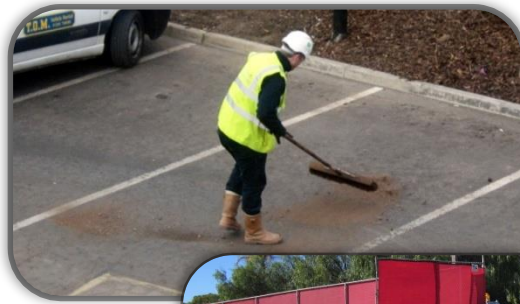
Caltrans fact sheets can be viewed for more detailed directions. Caltrans references are provided in parentheses and can be viewed at <http://www.dot.ca.gov/hq/construc/stormwater/factsheets.htm>.



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CONTROL SEDIMENT FROM PROJECT

- ⇒ Prevent tracking of dirt to areas outside the construction site by providing entrances/exits with controls such as rumble strips and gravel (TC-1).
- ⇒ Sweep paved areas outside site exits to remove any tracked sediment at the end of each work day (SC-7).



Use fiber rolls and gravel bags to protect perimeter and hold plastic in place

PROTECT STOCKPILES AND WASTES

- ⇒ Cover and contain material stockpiles when inactive and when rain is in the forecast.
- ⇒ Keep dumpster lids closed
- ⇒ Waste stockpiles and containers must be covered at all times.

CONCRETE WASHOUTS

- ⇒ Wash out concrete only to a designated, lined area *WM-8.
- ⇒ Washouts must be covered in the event of rain

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



Additional required practices:

- Clean up trash regularly, store in designated area, and dispose appropriately (CASQA factsheet WM-05)
- No water other than rain is allowed to leave the site (CASQA factsheets NS-1, NS-2, NS-6, NS-7)
- Correct deficiencies within 72 hours or prior to the next rain event, whichever is sooner.

KEY DISTRICT CONTACT:

⇒ Direct questions to:

Ph: (____) ____ - ____

E-Mail: _____

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