



Minimum BMPs for Construction Sites

City of Wildomar

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The City has designated a minimum set of BMPs and other measures to be implemented at all Construction Sites, as applicable to the site and the activities thereon. The City requires implementation of the designated minimum BMPs and any additional measures necessary to comply with the 2015 SMR MS4 Permit at each Construction Site within its jurisdiction year round. BMP implementation requirements, however, can vary based on Rainy and Dry Seasons. Dry Season BMP implementation must plan for and address unseasonal rain events that may occur during the Dry Season (May 1 through September 30).

Minimum Erosion and Sediment Control Practices {E.4.c}

- Erosion prevention. Erosion prevention is to be used as the most important measure for keeping sediment on site during construction;
- Sediment controls. Sediment controls are to be used as a supplement to erosion prevention for keeping sediment on-site during construction;
- Slope stabilization must be used on all active slopes during rain events regardless of the season and on all inactive slopes during the Rainy Season and during rain events in the Dry Season;
- Permanent revegetation or landscaping as early as feasible; and
- Erosion and sediment controls must be required during the construction of Unpaved Roads.

(continued on next page)

Minimum Management Measures {E.4.c} BMP Name	CASQA BMP Handbook- Construction ¹	Caltrans Construction Site BMP Manual ²	MS4 Permit-Required Categories						
			Project Planning	Housekeeping/ Waste	Non-Storm Water Management	Erosion Control	Sediment Control	Run-On/Run-Off Control	Active/Passive Sediment
Preserve Site Condition									
Preservation of Existing Vegetation	EC-2	SS-2	X			X			
Phase Construction									
Construction Sequencing (Scheduling)	EC-1	SS-1	X			X			
Stabilize Exposed Soils (Erosion Control)									
Chemical Stabilization (Soil Binders)	EC-5	SS-5				X			
Hydraulic Mulch	EC-3	SS-3				X			
Straw Mulch	EC-6	SS-6				X			
Wood Mulching	EC-8	SS-8				X			
Permanent Seeding / Sodding			X			X			
Geotextiles and Mats	EC-7	SS-7				X			
Compost Blankets	EC-14					X			
Non-Vegetated Stabilization	EC-16					X			
Soil Preparation- Roughening	EC-15					X			
Temporary Seeding/Hydroseeding	EC-4	SS-4				X			
Dust Control (Wind Erosion Control)	WE-1	WE-1				X			
Temporary Sediment Control									
Silt Fence	SE-1	SC-1				X			
Sediment Basin	SE-2	SC-2				X			
Sediment Trap	SE-3	SC-3				X			
Check Dams	SE-4	SC-4				X			
Fiber Rolls	SE-5	SC-5				X			
Gravel Bag Berm	SE-6	SC-6				X			
Street Sweeping	SE-7	SC-7				X			
Sand Bag Barrier	SE-8	SC-8				X			
Straw Bale Barrier	SE-9	SC-9				X			
Storm Drain Inlet Protection	SE-10	SC-10				X			
Manufactured Linear Sediment Controls	SE-12	SC-12				X			
Compost Sock and Berm	SE-13	SC-11				X			
Biofilter Bags	SE-14					X			
Advanced/Passive Sediment Treatment	SE-11					X		X	
Sediment Tracking Controls									
Stabilized Construction Entrance/Exit	TC-1	TC-1				X			
Entrance/Outlet Tire Wash	TC-3	TC-3				X			
Stabilized Construction Roadway	TC-2	TC-2				X			
Protect Steep Slopes									

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			Project Planning	Housekeeping/ Waste	Non-Storm Water Management	Erosion Control	Sediment Control	Run-On/ Run-Off Control	Active/Passive Sediment
Earth Dikes/Drainage Swales/Lined Ditches	EC-9	SS-9	X			X	X	X	
Fiber Roll	SE-5	SC-5					X		
Geotextiles	EC-7	SS-7				X			
Gradient Terraces						X			
Straw Bale Barrier	SE-9	SC-9					X		
Temporary Slope Drain	EC-11	SS-11					X	X	
Protect Waterways									
Outlet Protection/Velocity Dissipation Devices	EC-10	SS-10				X			
Streambank Stabilization	EC-12	SS-12				X		X	
Temporary Stream Crossings	NS-4	NS-4			X	X		X	
Vegetated Buffer							X		
Clear Water Diversion	NS-5	NS-5	X		X			X	
Material and Equipment Use Over Water	NS-14	NS-13			X				
Demolition Removal Adjacent to Water	NS-15	NS-15			X				
Non-Stormwater Management									
Water Conservation Practices	NS-1	NS-1			X				
Dewatering Operation	NS-2	NS-2			X		X	X	
Paving and Grinding Operation	NS-3	NS-3			X				
Illicit Connection/Discharge	NS-6	NS-6			X				
Potable Water/Irrigation	NS-7	NS-7			X				
Vehicle and Equipment Cleaning	NS-8	NS-8			X				
Vehicle and Equipment Fueling	NS-9	NS-9			X				
Vehicle and Equipment Maintenance	NS-10	NS-10			X				
Concrete Curing	NS-12	NS-12			X				
Concrete Finishing	NS-13	NS-14			X				
Temporary Batch Plants	NS-16				X				
Waste Management /Material Pollution Control									
Material Delivery and Storage	WM-01	WM-1		X					
Material Use	WM-02	WM-2		X					
Stockpile Management	WM-03	WM-3		X		X	X		
Spill Prevention and Control	WM-04	WM-4		X					
Solid Waste Management	WM-05	WM-5		X					
Hazardous Waste Management	WM-06	WM-6		X					
Contaminated Soil Management	WM-07	WM-7		X					
Concrete Waste Management	WM-08	WM-8		X					
Sanitary-Septic Waste Management	WM-09	WM-9		X					
Liquid Waste Management	WM-10	WM-10		X					

¹ Available at: <https://www.casqa.org/resources/bmp-handbooks>.

² Available at: <http://www.dot.ca.gov/hq/construc/stormwater/CSBMP-May-2017-Final.pdf>.

The City requires project proponents to submit for review a Construction Runoff Management Plan (formerly referred to as an Erosion and Sediment Control Plan) or a development plan (e.g. site plan, etc...) that identifies each of the BMPs to be used during the construction phase and their deployment at the Construction Site. The Runoff Management Plan:

- Requires protection of natural hydrologic features where applicable;
- Protection of riparian buffers and corridors where applicable;
- Evaluation and maintenance of all BMPs, until removed; and
- Retention, reduction, and proper management of all Stormwater Pollutant discharges on site to the MEP standard.

Since BMP technology is constantly changing, the City may consider other BMPs of equivalent or better performance on a case-by-case basis.