

**CITY OF TEMECULA
PUBLIC WORKS DEPARTMENT**

EROSION & SEDIMENT CONTROL NOTES

1. These notes are comprehensive and should be applied according to site-specific conditions. **Year-round** pollution prevention measures, also known as Best Management Practices (BMP's), must be installed prior to any field activities. Additional erosion prevention and sediment controls must be installed and maintained prior to and throughout each rainy season. The developer/contractor is responsible for erosion and sediment controls throughout the duration of the project for all clearing, disking, grading, excavating and stockpiling activities, and on all exposed slopes and inactive pads throughout the entire site. The developer/contractor is also responsible for any discharges from subcontractors.
2. Storm water runoff shall be filtered prior to discharging from a site or to private or public storm water, conveyance system (natural watercourses, streets, flow-lines, inlets, outlets, etc.). All non-permitted discharges are prohibited from entering any storm water conveyance system year-round.
3. If the project will disturb, expose or stockpile one (1) acre or more of soil, the site must be covered under the State General Construction Permit. A Waste Discharge Identification (WDID) Number shall be provided to the City prior to issuance of a grading permit, and a Storm Water Pollution Prevention Plan (SWPPP) shall be implemented throughout the duration of the project. The SWPPP shall be readily available to City and State inspectors and updated to reflect current site conditions during construction. The construction permit can be downloaded at www.waterboards.ca.gov/water_issues/programs/stormwater. The SWPPP template can be downloaded at www.cabmphandbooks.com/construction.
4. Additional erosion and sediment control materials shall be stockpiled at various locations throughout the site for immediate implementation within seven (7) days prior to any forecasted rain. The developer/contractor shall make available equipment and workers for emergency work to protect the site.
5. Perimeter protection must be installed prior to any clearing activities. Clearing shall be limited to areas that will be immediately graded or disturbed. A combination of erosion and sediment controls shall be implemented in areas that have been cleared. All disturbed areas of an inactive site, as described in Subarticle 6.3(B) of the Grading Manual, shall also be protected.
6. All erosion and sediment controls shall be inspected, restored, repaired or modified year-round throughout the site to protect perimeters, adjacent properties, environmentally sensitive areas, and all private and public storm water conveyance systems. If any erosion or sediment controls fail during any rain event, more effective ones will be required in their place.
7. Erosion controls shall include, but are not limited to, applying and establishing vegetative cover, wood mulch, stapled or pinned blankets (straw, coconut or other), plastic sheeting (minimum 10-mil), polypropylene mats, spray-on controls to all disturbed areas, or other measures approved by the City Engineer. Jute netting shall not be used as a stand-alone erosion control. For slopes greater than 4:1, provide fiber rolls and either a bonded fiber matrix product applied to a rate of 3500 lb/acre or a stabilized fiber matrix product applied to a rate of 10 gal/acre. The City may approve different application rates for slopes less than 4:1.
8. Sediment controls shall include, but are not limited to, desilting basins, graded berms, fiber rolls, silt fences, gravel bag chevrons (filled with minimum ¾" gravel), check dams, drainage inlet protection, etc. Fiber rolls shall be installed in 15 foot (15') increments measured along on the face of the slope. Silt fence shall be installed along interior streets and combined with gravel-bag or silt fence chevrons inside the sidewalk right-of-way or back of curbs.
9. All onsite and offsite flow lines (v-ditches, brow-ditches, terrace drains, ribbon gutters, curb gutters, etc.) storm water conveyance systems, check dams, chevrons, silt fences and desilting basins shall be free of sediment, construction materials, waste, miscellaneous debris, and deteriorated erosion and sediment controls **year-round**.

10. Construction waste and miscellaneous debris shall be placed in water-tight bins. Wire mesh receptacles will not be allowed. Wash-out stations shall be provided for concrete, paints, stucco, and other liquid waste shall be lined with plastic and located away from streets, sidewalks, right-of-ways and flow-lines, etc. Prior to any forecasted rain, bins and wash-outs shall be covered with a lid or plastic tarp.
11. Construction access points shall be stabilized with a combination of rock and shaker plates year-round to prevent track-out. Interior access points (all proposed driveways, material storage and staging area entrances/exits, etc.) shall also be protected with rock to prevent track-out onto interior streets. Routine street sweeping shall be performed on all paved streets where tracking is observed. Vacuum sweepers shall be used when street sweeping becomes ineffective. Controlled street washing will only be allowed prior to the application of asphalt seal coats, and only when all pertinent drainage inlets are protected.
12. Desilting basins shall be sized according to the State General Construction Permit (3600 cubic feet of storage per acre of disturbed site), even if the site does not require coverage under this permit. Water shall be filtered and drained from basins within 72 hours.
13. Storm water runoff shall not be directed over any slopes without permanent down drains installed. Erosion and sediment controls are required on all exposed slopes until sufficient permanent landscaping has been established. 100% slope protection must be in place prior to the issuance of a certificate of occupancy.
14. Material storage and staging areas shall be established. Fuel tanks, portable toilets, liquids, gels and powders shall be stored away from all private / public storm water conveyance systems, sidewalks, right-of-ways and flow-lines and shall have secondary containment. Inactive stockpiles of soil shall be covered at all times. Active stockpiles shall be covered prior to a forecasted rain.
15. All portable mixers shall have plastic liners underneath with gravel-bags placed on the down-hill side of the liners to contain discharges.
16. Impounded water shall be secured from the public. Signage indicating "Ponded Water-Do Not Enter" shall be posted.
17. No obstructions, other than BMP's, shall be allowed within any storm water conveyance system, unless alternative drainage facilities have been approved by the City Engineer.