

Storm Water Pollution Prevention Notes

1. Best management practices (BMPs) shall be implemented during all phases of construction in conformance with the City of Escondido's Municipal Code. Additionally, sites over an acre shall abide by the Construction General Permit (CGP). All BMPs shall be installed in accordance with the most recent version of the CASQA handbook. At a minimum perimeter control and construction entrances should be in place prior to a grading permit being activated.
2. Plans to Manage Water Detained Onsite in Basins/Traps: Need to be developed, so that these basins can remain operational during a series of back-to-back rains. For sites that are covered under the State Construction Permit (CGP) that plan to discharge water into a nearby storm drain must follow the CGP requirements as well as the City's Municipal Code. Prior to discharging, please provide your Field Inspector with a written plan of how the water will be treated prior to discharge to meet their numeric levels. The Field Inspector must be advised in advance of the day/time a discharge is planned. Additionally, post discharge please provide your Field inspector your monitoring data and mention any exceedance.
3. Inspection, modification and maintenance of the BMPs shall be implemented as necessary. In the event of failure or refusal to properly maintain the BMPs, the City may issue emergency maintenance work to be completed to protect adjacent private and public property. The cost (including an initial mobilization amount) and any fines assessed to the City shall be charged to the owner/ contractor of the project.
4. Necessary materials to implement the required BMPs shall be available on site to facilitate rapid deployment or to repair any BMP failures.
5. City staff shall be alerted by the contractor, permittee or owner, as needed for emergency work during rainstorms.
6. Run-on flow onto the site shall be properly managed and planned for to prevent failure of BMPs and/or illegal discharges from the project site into the storm drain.
7. Storm drain inlet protection shall be installed at every onsite storm drain inlet to prevent sediment from entering the storm drain system. Where feasible desilting basins shall also be provided at drainage outlets from the graded site.
8. Erosion control measures shall be implemented on slopes and any exposed soil using the following BMPs, fiber blankets, bonded fiber matrix; or by installing or maintaining existing vegetation. The contractor shall immediately repair and stabilize any eroded areas. Inactive slopes shall be protected and stabilized. All exposed soil including inactive and active slopes shall be protected prior to a rain event.
9. All unpaved graded channels shall implement erosion prevention measures such as, lining and installing velocity check dams at regular intervals.
10. Street sweeping vehicles with vacuums and water tanks shall be used to keep paved streets free of loose soil and/or construction debris.
11. Contractors shall have water trucks and equipment on-site to minimize airborne dust created from grading and hauling operations or excessive wind conditions. Additional dust control measures shall be implemented as needed.

12. Stockpiles shall be covered at the end of each working day and prior to forecast rain. Asphalt shall additionally be placed on a layer of plastic sheet, or equivalent.
13. All portable toilets shall have secondary containment and not be located near a storm drain (i.e., catch basin or street).
14. Vehicles shall have drip pans underneath them and any leaks or spills shall be promptly repaired and removed.
15. All debris shall be placed in dumpsters with lids. The lids shall be closed at the end of each day and are not to be overfilled. Additional trash pick-ups shall be made as necessary.
16. Liquid materials shall be stored in closed containers in secondary containment and under cover. Solid materials shall be stored on pallets and be covered prior to forecast rain.
17. A materials washout shall be available onsite whenever liquid materials are used. The washout shall fully contain wash materials and the surrounding area shall be kept free of spills.
18. Discharge of potable water (such as from powerwashing or filling water trucks) shall be prevented or directed to landscape.
19. Perimeter control is required on all sites.
20. All active entrances shall prevent tracking by installing stabilized construction entrances per CASQA guidelines.