

SMALL PROJECT - SEDIMENT/EROSION CONTROL/BMP's

City, County, State and Federal run-off regulations apply to all construction permits and require the implementation of certain procedures in order to stop the flow of excessive silts, soils and liquids from leaving the construction site. Construction of dwellings on lots less than one acre, do not require a site Specific Water Pollution Prevention Plans (SWPPP), however the site does need to implement standard Best Management Practices (BMP's).

These BMP's shall be maintained until the construction final and/or occupancy. The BMP requirements may vary depending on the situation, such as: the lot topography, sources of water, drainage run-off, dust control, etc.

There will typically be various inspections during the construction process, often weekly, to ensure that these BMPs are being followed and additional inspections. In addition, an inspection will occur during any wet weather event to check for compliance.

These small project Standard BMP's are listed below and included as part of the construction permit notes and requirements to the plans.

If issues are identified at the site, the inspector may require additional measures to resolve. For projects that are non-complaint or issues not resolved a Stop Work order and/or issuance of citations/fines may occur in order to gain compliance.

STANDARD CONSTRUCTION NOTES

A Stormwater Permit has been issued for this work. The City is required to perform site inspections on at least a weekly basis, commencing with the issuance of the permit. **If work does not commence immediately, the permit holder may delay the start of inspections by calling the City Inspector at (925) 969-8181.** Permit holder must then provide the City Inspector a minimum of 48 hours notice prior to the actual start of construction.

- 1) Sediment and erosion control devices shall be installed prior to commencement of construction and maintained throughout the life of construction until all disturbed areas have been re-vegetated and/or permanently covered.
- 2) Attention is directed to the best management practices as recommended by the San Francisco Bay Regional Water Quality Control Board in its manual entitled "Construction Area Best Management Practices". At an absolute minimum, the area disturbed by construction shall be surrounded by straw wattles. In addition, the nearest downstream catch basin shall be protected by rock bags and filter material. See the BMP handout for details and a description of commonly required practices.
- 3) The installation of silt fencing, sand bag barrier, straw bale barrier, straw waddles (fiber rolls), etc. These shall also be placed along the open sides of the site.
- 4) All sediment and erosion control devices shall be cleaned and/or replaced before and after all storm events and/or when directed by the City Inspector.
- 5) Portable toilets to be located at least 10 feet away from a drain inlet and the nearest drain inlet to the site shall be protected from toilet spillage; preferably the toilet should be placed on level dirt/yard and 5 feet from concrete driveway/walkway; or if on other surface a protection barrier/pan be placed around the portable toilet unit.
- 6) Stock piled soils shall be covered with tarps or plastic, weighted down on the edges with sand bags or straw bales to stop erosion by either wind or water.
- 7) Concrete washout areas shall be designated by constructing a temporary lined pit or bermed area large enough to contain the material until dried, removed from the construction site to an approved disposal site.
- 8) During earth moving construction, water shall be applied to the area in order to prevent or alleviate dust nuisance.
- 9) Graded slopes shall be protected from erosion until such time as permanent means of protection are implemented.

Failure to abide by these requirements shall result in the immediate issuance of a "Stop Work" order halting all work and building inspections until the work site and devices are brought into conformance with these requirements. If conformance does not occur within 24 hours of issuance of a "Stop Work" order, the City may use its own forces, or any contracted forces, to perform any remediation work deemed necessary by the City Inspector. The cost of said work shall be the responsibility of the permit holder and will be charged against the permit holder's inspection fee account.

Should you have any questions or require further assistance, please contact the City of Clayton City Engineer at (925- 969-8181) to speak with an inspector.