



## Minimum Erosion and Sediment Control Standards and Measures

### 1) EROSION CONTROL STANDARDS

These standards shall be incorporated into the project design and adhered to during project construction.

#### General

- Minimize soil exposure during the rainy season by proper timing of grading and construction.
  - Retain trees and natural vegetation to stabilize hillsides, retain moisture and reduce erosion.
  - Divert runoff away from steep, denuded slopes or other critical areas with barriers, berms, ditches, or other facilities.
  - Design grading to be compatible with adjacent areas and result in minimal disturbance of the terrain and natural land features.
  - Limit construction, clearing of vegetation and disturbance of the soil to areas of proven stability.
  - Conduct frequent site inspections( before and after significant storm events) to ensure that control measures are working properly and to correct problems, as needed.
- Prevent mud from being tracked onto the public roadway with gravel driveways, entrances, or truck tire washing.
  - Deposit or store excavated materials away from drainage courses.

#### Disposal of Excavated Materials

- Stockpile topsoil on the site for use on areas to be revegetated.
- Place Stockpiled soil in locations, so that if erosion occurs, it will not contribute to offsite sediment discharge.
- Dispose of excavated materials at a County approved dump facility.

#### Dust Control

- All construction areas and access roads shall be treated and maintained as necessary to minimize the emission of dust and nuisance to offsite properties.

#### Revegetation

- Eliminate sediment transport off the site to the maximum extent practicable through the use of published Best Management Practices (BMPs).
  - Use sediment ponds, silt traps, wattles, straw bale barriers or similar measures to retain sediment transported by runoff water onsite.
  - Collect and direct surface runoff at non-erosive velocities to the common drainage courses.
  - Avoid concentrating surface water anywhere except drainage courses.
- Apply temporary seeding or mulching to denuded areas for storm protection.
  - Establish a permanent vegetative cover on denuded areas as soon as possible. Permanent vegetation ground cover must control erosion and survive severe weather conditions.
  - Retain a vegetative barrier, whenever possible, around property boundaries.
  - Use self-sustaining, non-invasive plants that require little or no maintenance and do not create an extreme fire hazard.
  - Use native plant species, when feasible.

## 2) PROJECT INFORMATION

Owner: \_\_\_\_\_ APN: \_\_\_\_\_

Project Address: \_\_\_\_\_

PC or BP Number: \_\_\_\_\_

## 3) EROSION AND SEDIMENT CONTROL MEASURES

- Trap sediment-laden runoff water in basins or silt traps to allow soil particles to settle out before flows are released to storm drains, streets, or adjacent property.
- Silt fencing or wattles will be installed at downhill locations, five feet from the toe of stockpiles, and as necessary to retain all sediment on site.
- All temporary stockpiles will be covered with 6 mil plastic sheeting (e.g. visqueen) which is suitably anchored to prevent disruption during high wind events.
- Drainage courses will be installed to control surface water over cut and fill slopes and direct surface water away from stockpiles.
- Drainage courses shall contain check dams to reduce drainage velocities. Straw bale barriers or gravel dams can be used as check dams, as appropriate.
- Energy dissipaters shall be installed at all drainage outlets.
- All driveways and construction access roads shall have a gravel surface and shall be well maintained at all times.
- All other exposed bare ground shall be covered with mulching, jute mat, or other erosion control blankets.
- Site Monitoring shall be conducted by the contractor/owner before and after significant rainfall events to verify that the erosion control measures are satisfactory.
- Disturbed vegetated areas will be revegetated.
- All erosion control materials shall be onsite and readily accessible prior to construction for installation due to untimely wet weather.
- Other measures as necessary.

I agree to comply with the applicable standards and implement control measures as necessary. By signing this form, I also acknowledge that I may be subject to fines and penalties levied by the Regional or State Water Resources Control Board for illicit discharges into the public right-of-way or adjacent private properties. The maximum fine is \$37,500 per day.

\_\_\_\_\_  
**Owner's / Contractor's / Agent's Signature**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Owner's / Contractor's / Agent's Signature**