



CITY OF DEL MAR

## Minimum Erosion and Sediment Control Standards and Measures Engineering Department

**THIS CHECKLIST PROVIDES THE ENGINEERING-RELATED INFORMATION AND REQUIREMENTS FOR MINIMUM EROSION CONTROL STANDARD AND MEASURES.**

**THESE MINIMUM EROSION CONTROL STANDARDS SHALL BE INCORPORATED INTO PROJECT THAT DO NOT REQUIRE A DETAILED EROSION CONTROL PLAN TO DURING PROJECT CONSTRUCTION**

### **I. GENERAL**

- 1) Minimize soil exposure during the rainy season by proper timing of grading and construction.
- 2) Retain trees and natural vegetation to stabilize hillsides, retain moisture and reduce erosion.
- 3) Divert runoff away from steep, denuded slopes or other critical areas with barriers, berms, ditches, or other facilities.
- 4) Design grading to be compatible with adjacent areas and result in minimal disturbance of the terrain and natural land features.
- 5) Limit construction, clearing of vegetation and disturbance of the soil to areas of proven stability.
- 6) Conduct frequent site inspections (before and after significant storm events) to ensure that control measures are working properly and to correct problems, as needed.

### **II. SEDIMENT CONTROL**

- 1) Eliminate sediment transport off the site to the maximum extent practicable through the use of published Best Management Practices (BMPs).
- 2) Use sediment ponds, silt traps, straw wattles, or similar measures to retain sediment transported by runoff water onsite.
- 3) Collect and direct surface runoff at nonerosive velocities to the common drainage courses.
- 4) Avoid concentrating surface water anywhere except drainage courses. Prevent mud from being tracked onto the public roadway with gravel driveways, entrances, or truck tire washing.
- 5) Deposit or store excavated materials away from drainage courses and provide cover.

### **III. DISPOSAL OF EXCAVATED MATERIALS**

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

### **IV. DUST CONTROL**

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

### **V. REVEGITATION**

- 1) Apply temporary seeding or mulching to denuded areas for storm protection.
- 2) Establish a permanent vegetative cover on denuded areas as soon as possible. Permanent vegetation ground cover must control erosion and survive severe weather conditions.
- 3) Retain a vegetative barrier, whenever possible, around property boundaries.

**VI. EROSION AND SEDIMENT CONTROL MEASURES**

- 1) 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.
- 2) 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.
- 3) 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.
- 4) Drainage courses will be installed to control surface water over cut and fill slopes and direct surface water away from stockpiles.
- 5) Drainage courses shall contain check dams to reduce drainage velocities. Straw wattles or gravel bag dams can be used as check dams, as appropriate.
- 6) Energy dissipaters shall be installed at all drainage outlets.
- 7) All driveways and construction access roads shall have a gravel surface and shall be well maintained at all times.
- 8) All other exposed bare ground shall be covered with mulching, jute mat, or other erosion control blankets.
- 9) Site Monitoring shall be conducted by the contractor/owner before and after significant rainfall events to verify that the erosion control measures are satisfactory.
- 10) Disturbed vegetated areas will be revegetated.
- 11) All erosion control materials shall be onsite and readily accessible prior to construction for installation due to untimely wet weather.
- 12) Other measures as necessary or directed by City representative.

**VII. PROJECT INFORMATION**

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

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

Project Identification Number: \_\_\_\_\_

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.

\_\_\_\_\_  
Owner's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Contractor's Signature

\_\_\_\_\_  
Date