

Erosion and Sediment Control Plan for Small Projects

1) PROJECT INFORMATION

Owner: _____ Assessor Parcel #: _____

Project Location: _____ Application #: _____

Construction Start Date: _____ Estimated Completion Date: _____

2) PROJECT ELIGIBILITY

Check all that apply:

- _____ 1. The total area of grading and related activities does not exceed 5,000 square feet.
- _____ 2. The total volume of soil material involved is less than 250 cubic yards (25 dump trucks of 10 cubic yards each).
- _____ 3. The slope of the project area does not exceed 15%.
- _____ 4. The project site does not encompass a stream channel or public drainage channel.
- _____ 5. The project does not involve grading for a driveway that exceeds 300 feet.

If you did not check all of the items above, you do not qualify for the Small Project Erosion and Sediment Control Plan, and must submit a site-specific Erosion and Sedimentation Control Plan prepared by a qualified professional (see HCC Section 331-12, H-6-d).

3) 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.

Sediment Control

- Eliminate sediment transport off the site to the maximum extent feasible 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.
- 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 material not used at the site at a location approved by the County.

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

- 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 whenever feasible.

4) EROSION AND SEDIMENT CONTROL MEASURES

Check all that will be used at the site to ensure compliance with Erosion and Sediment Control Standards:

- 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 anchored suitably to prevent disruption during high wind events.
- Drainage courses will be installed to control surface water flow over cut and fill slopes and direct surface water away from stockpiles.
- Drainage courses will contain check dams to reduce drainage flow velocities and straw bale barriers and energy dissipaters at drainage outlets.
- All driveways and construction access roads shall be gravel surfaced and maintained in good condition.
- All other exposed bare ground shall be covered with mulching, jute mat or other erosion control blankets.
- Site monitoring will be conducted by the contractor/developer before and after significant rainfall events to verify that the erosion control measures are satisfactory.
- Disturbed vegetated areas will be revegetated.
- All erosion control material shall be onsite or readily accessible prior to construction for installation due to untimely wet weather.
- Other _____

I agree to comply with applicable standards and implement all of the above control measures.

Owner/Applicant Signature: _____ **Date:** _____