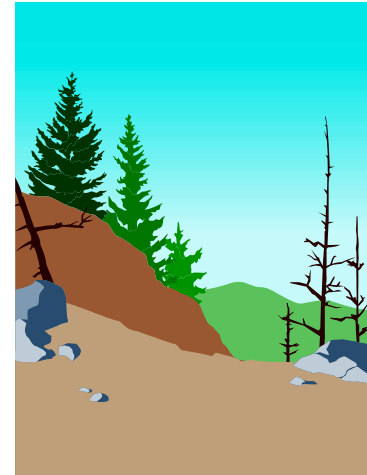


POLICY ON NON-DISCRIMINATION ON THE BASIS OF DISABILITY

The County of Humboldt does not discriminate on the basis of disability in employment, services or activities. Persons alleging discrimination on the basis of disability may file a complaint on a form provided for this purpose with either the County Personnel Director, the County Administrative Officer or the County official directly responsible for the service, program or activity, whoever is most appropriate under the circumstances. Investigation of all such complaints shall be handled in an expedited fashion.

Questions regarding this policy may be directed to the ADA Coordinator, Room 111 (County Administrative Office), Humboldt County Courthouse, 825 Fifth Street, Eureka, CA 95501, telephone (707) 445-7266.

Sedimentation and Erosion Control Plan For Small Projects



**PLANNING DIVISION
3015 H STREET
EUREKA, CA 95501-4484**

**PHONE (707) 445-7541
FAX (707) 445-7446**

Applicability

This Sedimentation and Erosion Control Plan is acceptable for fulfilling the requirements of the Section 331-12 – Grading, Excavation, Erosion, and Sedimentation Control for small projects which meet the following criteria:

- **Grade at the project site is less than 15%.**
- **Disturbed area is less than 5,000 square feet.**
- **Total amount of soil material excavated or filled is less than 250 cubic yards.**
- **The site does not have perennial or intermittent streams or drainage channels running through it.**

These minimum erosion and sedimentation control standards apply to all projects requiring building, grading, and development permits, and County of Humboldt Public Works activities, to prevent sedimentation or damage to onsite and offsite property.

STANDARDS

These standards shall be incorporated into the project design and shall be 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, reduce erosion, minimize siltation and nutrient runoff and preserve scenic qualities.
- Vegetate and mulch denuded areas to protect them from winter rains.
- 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. Mitigate geologic hazards and adverse soil conditions when they are encountered.
- Reduce sediment transport off the site to the maximum extent feasible through the use of Best Management Practices (BMPs).
- 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

- Use sediment basins, 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 course.
- Avoid concentrating surface water anywhere except drainage courses.
- Prevent mud from being tracked onto the public roadway by traveling over a temporary gravel construction entrance or washing off vehicle tires before entering a public or private driveway.



- Deposit or store excavated materials away from drainage courses.
- Trap sediment-laden runoff in basins to allow soil particles to settle before flows are released to storm drains, streets or adjacent property.

Slope Construction

- Minimize length and steepness of slopes by benching, terracing or constructing diversion structures.
- Round sharp angles at the top and sides of cut and fill slopes.
- Maintain cut and fill slopes at less than two-to-one (2:1, run:rise) slope.

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 (bare ground), shall be treated and maintained as necessary to minimize the emission of dust. Driveways and construction access roads shall be gravel surfaced. Maintenance shall be conducted as necessary to prevent a nuisance to offsite properties.



Revegetation

- Apply temporary seeding and mulching to denuded areas as soon as possible after disturbance.
- Establish a permanent vegetative cover on denuded areas not otherwise stabilized. Permanent vegetation ground cover must control soil erosion satisfactorily 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.



Erosion and Sediment Control Plan Requirements For Small Scale Projects

When Is A Small Scale Project Plan Allowed?

A site-specific erosion and sediment control plan for small projects may be submitted with any development application which involves grading or related activities which has all of the following characteristics:

- **Total area of grading and related activities is less than 5,000 square feet, and total volume of material is less than 250 c.y.**
- **The slope is less than 15% (of the area to be developed).**
- **Grading is located within an area of low geologic instability.**
- **The grading is not within a Streamside Management or Other Wet Area.**
- **The grading is not within a floodplain.**
- **If grading is for a driveway or road, it does not exceed 300 feet in length.**
- **The grading is proposed to occur during winter land disturbing operations (15 October - 15 April).**
- **In addition, the Chief Building Official may require, at any time during design or construction of any project, an erosion and sediment control plan prepared by a qualified professional at the owner's expense.**

Who Prepares the Small Scale Project Plan and Who Implements?

The plan is prepared with the assistance of staff at the Community Development Services Department. The applicant/permittee signs the plan to acknowledge the plan's provisions and agrees to implement the plan. Costs incurred by the County for the checking of plans or calculations or for inspection as a result of preparation of an erosion and sediment control plan shall be borne by the owner or permittee per the adopted County fee schedule.

REQUIRED CONTENTS

General

- Identify BMP guide(s) used for plan preparation.
- Outline the construction schedule and provide specific deadlines for implementation of erosion control features.
- Include a schedule for inspection and maintenance of erosion control features (this should include inspection before and after significant rainfall events). Specify the individuals responsible for the inspection and their reporting requirements.

Sediment Control and Slope Construction

- Identify existing and proposed drainage patterns and facilities.
- Temporary slope stabilization measures such as mulching with protective coverings. Specify timing of application.
- Temporary drainage course protections necessary to control surface water flow over cut and fill slopes and away from stockpiles.
- Methods to prevent vehicle tracking of mud onto public roadways (gravel surfaced access road and driveways).

Disposal of Excavated Materials

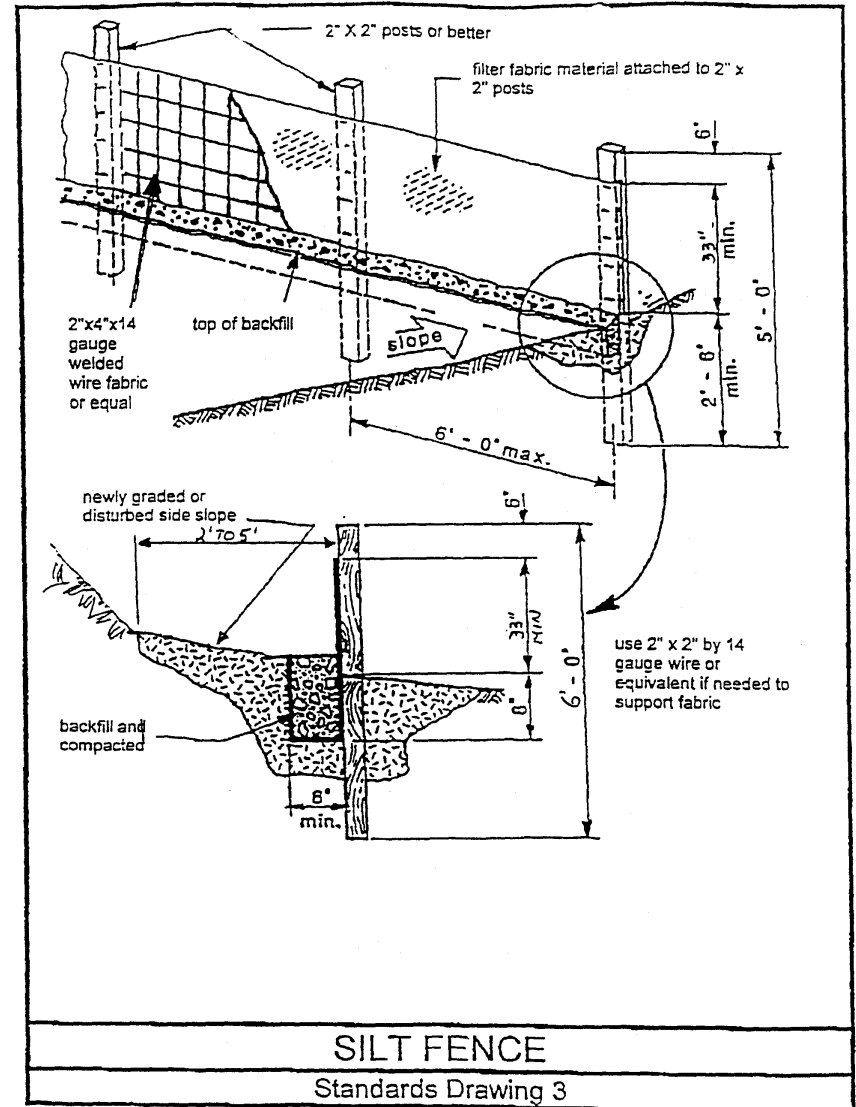
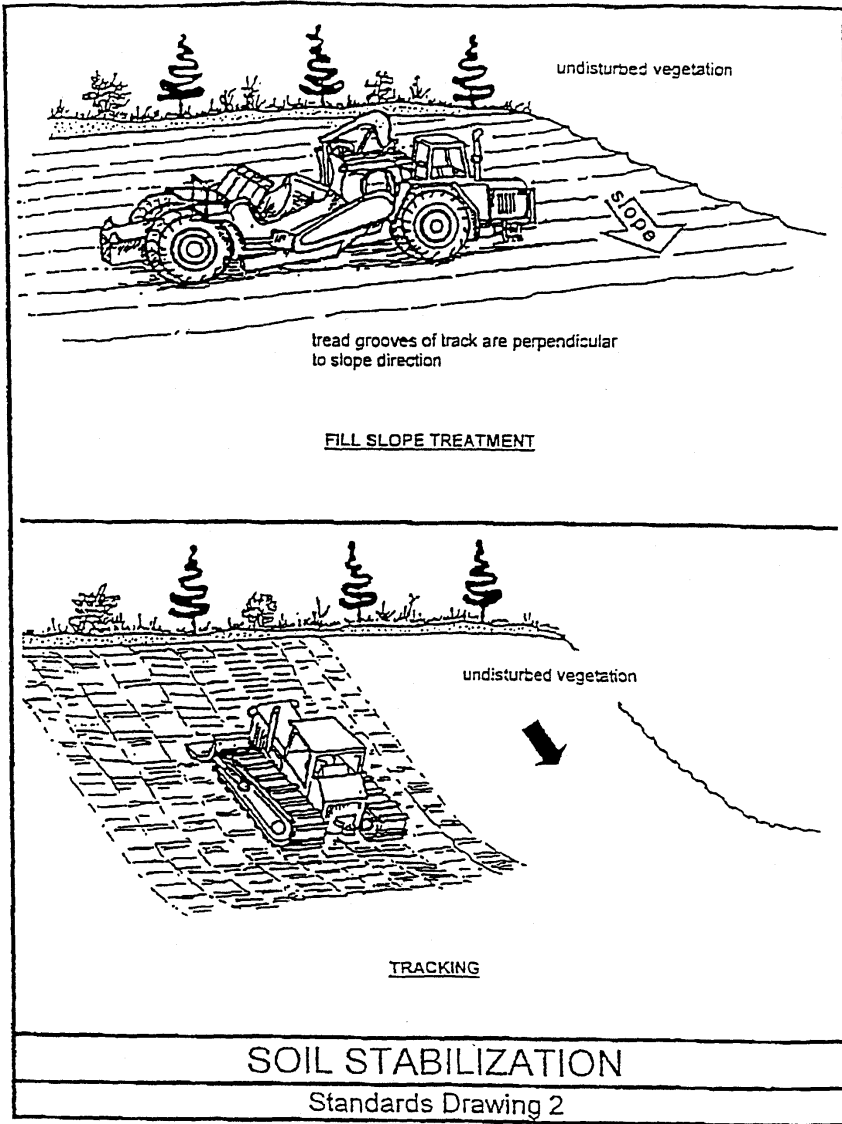
- Location of disposal area.
- Methods to prevent erosion.
- Methods to direct drainage away from stockpile.
- Methods to prevent erosion of stockpile during construction.

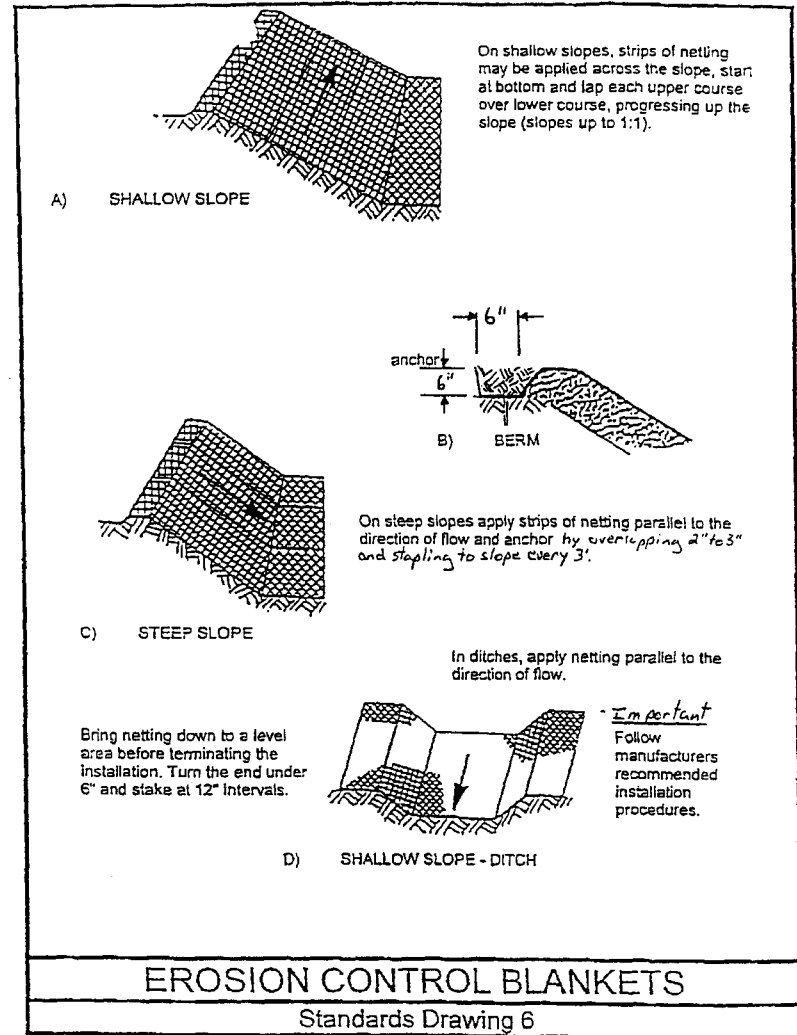
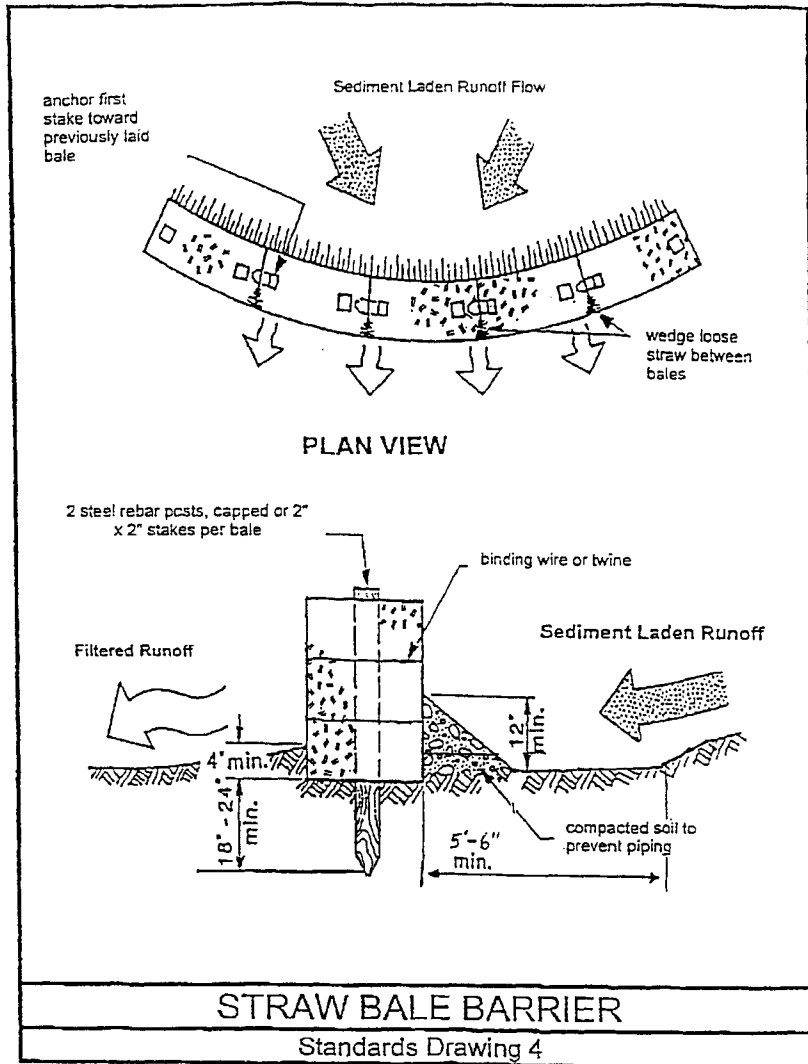
Removal of Vegetation and Revegetation

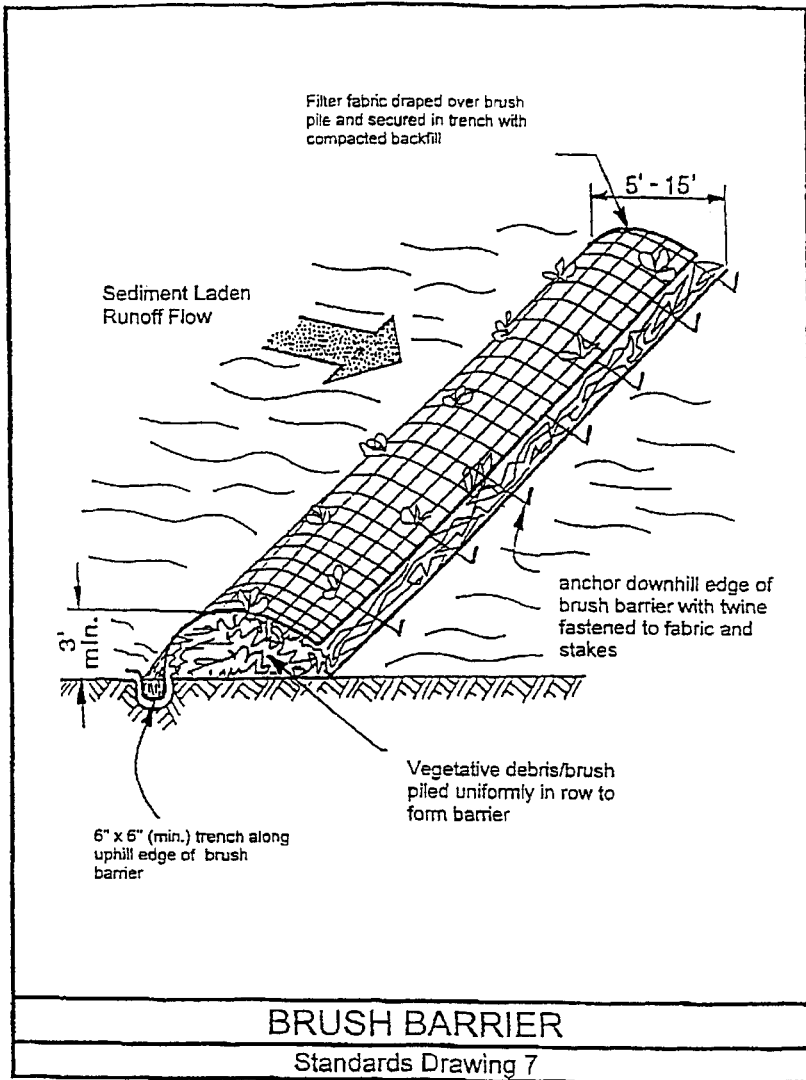
- Temporary revegetation measures such as stage seeding and/or planting of fast germinating seeds. Describe seed protection and vegetation maintenance requirements.

Samples of Best Management Practices

Following are schematic drawings which show various Best Management Practices. Specific drawings may be cited for projects where they are proposed for use.







Erosion and Sediment Control Plan for Small Projects

1) PROJECT INFORMATION

Owner: _____ Assessor Parcel #: _____

Project Location: _____

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 is not within a floodplain.
- _____ 6. 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:

- Sediment detention ponds will be installed at the site.
- 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: _____