



EROSION AND SEDIMENT CONTROL PLAN (E&SC) REVIEW CHECKLIST

City's Grading Permit Number: _____

Plan Preparer's Name & Contact Information: _____

Project Address: _____

Assessors Parcel Number: _____

Review History

First Review

E&SC Plan Received on: _____

Review Completed on: _____

Second Review

E&SC Plan Received on: _____

Review Completed on: _____

Third Review

E&SC Plan Received on: _____

Review Completed on: _____

REVIEW SUMMARY

☐ E&SC Plan requires revisions. See comments on following pages.

☐ E&SC Plan approved. **Approved Date:** _____

Reviewer's Name: _____ Date Completed: _____

Reviewer's Phone Number: _____

Reviewer's Email: _____

Introduction

This erosion and sediment control plan (E&SC Plan) checklist has been developed for City staff's review and approval. The goal of the E&SC Plan is to 1) eliminate excess erosion; 2) eliminate non-storm runoff; 3) eliminate sediment and/or other pollutants from exiting the construction site; and 4) ensuring construction materials are managed properly.

Erosion control is any source control measure that protects the soil surface and prevents soil particles from being detached by rainfall, flowing water or wind. Erosion control is also referred to as soil stabilization. Erosion control consists of preparing the soil surface and implementing one or more erosion control measures to disturbed soil areas.

Sediment control is any practice that traps soil particles after they have been detached and moved by rain, flowing water or wind. Sediment control measures are usually passive systems that rely on filtering or settling the particles out of the water or wind that is transporting them. Sediment control measures include those practices that intercept and slow or detain the flow of storm water to allow sediment to settle and be trapped.

Steep Slope Construction

Special measures need to be implemented for steep slope conditions. The objective on steep slopes is to: 1) prevent as much storm water as possible from flowing over the top of the slope into the construction site, 2) to slow the water on the slope as much as possible and 3) to collect storm water and remove excess sediment before discharge to the storm drain system.

Steep slopes (over 3:1) should have devices at the top of the slope to limit storm water flow over and into a construction site. Wherever possible, the ground at the top of the slope should be graded and protected so storm water flows away from the construction site to the storm drain system. Measures should be implemented, as required, down the slope face to slow storm water runoff. Silt fences are recommended at the bottom of steep slopes and erosion control blankets and fiber rolls are good for placement on steep slopes. Other methods of covering the slope when rain is likely could be used such as plastic and spray on soil binders. Desilting basins located at the base of the slope should be utilized and designed to capture an average storm event. The desilting basin should allow enough detention time to remove excess sediment. If necessary a sock or bag filter may be needed to remove sediment from the desilting basin effluent so the water is clean before discharge to the storm drain system.

A good reference guide to develop and review erosion and sediment control plans may be found at www.cabmphandbooks.com.

Phasing to be used to maintain stabilized areas (vegetation or impervious cover) as much as possible during construction. Disturbed areas should be stabilized as soon as practical. Slopes inactive for up to two weeks shall be stabilized with seeding, soil binders, mulching, geotextiles, or mats, etc. in order to reduce the erosive impact of rain or runoff.

If an item is circled below, the E&SC Plan either doesn't provide the required information or that item is deficient and a correction to the plan must be made.

Site Conditions

1. Provide on the Plan the name and 24-hour contact information for the contractor/person responsible for maintaining the E&SC Plan.
2. Show property lines and existing and proposed structures.
3. Detail limits of site area disturbance.
4. Show existing and proposed contour lines.
5. Provide a schedule of grading and the erosion and sediment control methods that will be used and revised during the grading process (during phases of construction).

Erosion and Sediment Control

6. Show locations and details of erosion and sediment control measures.
7. Detail special measures required for steep slopes.
8. Detail vegetation methods for preventing erosion.
9. Show and detail desilting basins.
10. Show and detail steep slope measures utilized.

Tracking Control

11. Show and detail gravel or metal areas for trucks and other equipment to enter and leave property without tracking onto the public street.
12. Provide a description on how adjacent public and private roadways will be kept clean.

Wind Erosion Control

13. Indicate on the Plan notes the dust control practices to be used.

Materials and Waste Management

14. Show location of waste material dumpster and how dumpster is to be protected from rain (tarp).
15. Locate and detail onsite storage area for paint and building materials.
16. Detail and locate soil stockpiles and how they will be protected against erosion.
17. Provide a description on how the site is to be managed and kept clean each day.

Non-Storm Water Runoff Control

18. Add the required City water quality and erosion control notes to the E&SC Plan.
19. Show location of and detail washout area/waste pit for disposal of "wet" construction materials such as concrete and stucco.
20. Show all storm drain inlets where runoff from site could enter the storm drain system and detail how the inlets will be protected from silt and debris from the site.
21. Prepare a Stormwater Pollution Prevention Plan (SWPPP).
22. File a Notice of Intent (NOI) with the Statewater Resources Control Board.

REVIEW COMMENTS AND REQUIRED CORRECTIONS