

POLLUTION PREVENTION PLAN

POLLUTION PREVENTION DETAIL 1

I. STORM WATER PREVENTION PLAN

A. In addition to these items indicated on the Contract Documents, and in these specifications, the Contractor shall develop his own plan to prevent storm water pollutants from entering the drainage system.

B. The plan shall be in accordance with the guidelines outlined in the N.C.T.C.O.G. Best Management Practices Manual and the requirements of the Environmental Protection Agency and the requirements of the City in which the project is located.

II. STRUCTURAL PRACTICES

A. Silt fences shall be used around the perimeter of the site and existing and proposed drainage structures to retain sediments from disturbed areas, as reflected on the plan.

B. A construction entrance shall be provided where equipment and vehicles leave the site. All construction equipment and vehicles shall pass over the stabilized area in order to minimize offsite tracking of sediment.

III. STABILIZATION

A. Permanent Stabilization

1. All areas that have reached final grade shall be seeded and protected with mulch within 14 days of the final grading.

B. Mulching

1. Apply mulch to the disturbed areas to prevent erosion from raindrop impact and shallow overland flow.

2. Mulch may either be organic material that has been specifically processed to function as much or synthetic material manufactured for that use. Mulch should be applied according to the manufacturer or supplier recommendations.

C. Seeding

1. Apply seed to all disturbed areas to establish perennial ground cover.

2. Seed may be applied by broadcast, drilling, or hydromulching, according to site needs. The surface should be prepared and the seed applied according to seed supplier recommendations.

3. Seed shall be per N.C.T.C.O.G. specification 3.10.

IV. MAINTENANCE AND INSPECTIONS

A. All stabilization measures are to be in place within 14 days after construction has ceased in the disturbed areas.

1. Stabilization measures shall be in place when a temporary suspension in construction activities exceeds 21 days.

2. All erosion and sediment control measures will be checked every 7 days and within 24 hours following rainfall of 0.5 inches or greater.

B. Construction Entrances

1. Locations where vehicles and equipment enter or exit the site shall be inspected for evidence of off-site sediment packing.

2. All material that is deposited on the roadway or in any structural controls shall be removed on a regular basis.

C. Ground Cover

1. Regularly check seeding and ground cover to see that a ground cover density of 70 per cent or greater is maintained.

2. Reseed, fertilize, and/or water (as needed) those areas that do not meet the minimum requirements.

D. Equipment Storage Areas

1. Inspect all equipment and material storage areas for possible storm water pollution sources.

2. Institute appropriate measures as required in these areas.

E. Inspection Reports

1. Inspection of disturbed areas shall be performed by qualified personnel supplied by the Contractor.

2. A report summarizing the scope of inspection, name(s) and qualifications of personnel making the inspection shall be made following inspection.

3. The date of inspection, major observations, and actions taken to implement the storm water pollution prevention plan shall be included as part of the report. The report shall include any incidents of non-compliance or contain a certification that this site is in compliance with the storm water pollution prevention plan.

4. Any required modifications to the plan will be accomplished within 7 days of inspection.

V. OTHER CONTROLS

A. Waste Disposal

1. No solid materials, including any building materials, shall be discharged to the water of the United States. Discharge of a hazardous substance or oil into a storm water system is not permitted and subject to report requirements.

2. Substances that have the potential for polluting surface and/or groundwater must be controlled by whatever means is necessary to ensure that they do not discharge from the site.

B. Dust Control

1. During construction, use water trucks to reduce dust as needed.

2. Water used for dust control shall be obtained from an approved source.

C. Best Management Practices

1. The Contractor shall designate an area for equipment cleaning, maintenance, and repair. Such areas shall be utilized for the purposes by all contractors and subcontractors.

2. Washing of equipment shall take place within an earthen berm area. Use of detergents is prohibited.

3. Chemicals, paints, solvents, fertilizers and other toxic materials shall be stored in waterproof containers. Except during application, the contents shall be kept in trucks or storage facilities. Runoff containing such materials shall be collected, removed from the site, and disposed of at an approved solid waste or chemical storage facility.

VI. PERMIT REQUIREMENTS

A. A Storm Water Pollution Prevention Plan must be completed for the project prior to submitting the Notice of Intent.

B. A Notice of Intent Form (EPA Form No. 3510-6) must be completed, signed and mailed at least 2 days prior to the commencement of construction activities.

C. The Storm Water Pollution Plan must be updated each time that there is a change in the construction plan.

D. A signed copy of the plan must be available at the site at all times construction is in progress.

RECORD DRAWING
THIS DRAWING REFLECTS FIELD REVISIONS
AS PROVIDED BY THE CONTRACTOR.



15 OCT 02

EROSION CONTROL NOTES

SPRINGHILL SUITES

TOWN OF ADDISON, TEXAS

DRAWN	DESIGN	DATE	NOTES	SCALE	FILE	NUMBER
JPS	JEM	05/03/01	AS	1" = 30'	MARDEC2	C8

NO.	BY	DATE	REVISION
△	EAE	10/11/02	RECORD DRAWING

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