

4R Model Construction SWPPP

STORM WATER POLLUTION PREVENTION PLAN

Name of Project _____

Owner and Contractor of Project _____

Waste Discharge Identification Number _____

Contact Person/address/daytime and emergency phone numbers

CERTIFICATION

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name, Title

Date of Preparation

AMENDMENTS

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INTRODUCTION

Type of Project/Project Description

Location of Project

Project Schedule

Start Date _____

End Date _____

Unique Features

Supplemental Documents

SOURCE IDENTIFICATION

Topographic Map (Attachment 1)

Site Map (Attachment 2)

NARRATIVE DESCRIPTIONS

A. Site Estimates and Description of On-site Soil

Size of Construction Site (acres/square feet) _____

Runoff Coefficient before construction _____

Runoff Coefficient after construction _____

Percent Site that is impervious before construction _____

Percent Site that will be impervious after construction _____

B. List of Likely Non-Toxic Pollutants at the Site

Sources/Activities that could release these pollutants into site runoff

C. Toxic Materials to be treated, stored, used, or disposed of, on or near the site.

Methods that will be employed to prevent and control pollution from these toxic materials.

D. Erosion and Sediment Control Practices

1. General Practices

2. Soil Stabilization Practices

3. Practices to Reduce Tracking of Sediment onto public and private streets

4. Practices to address Wind Erosion

a. Dust Control

b. Sweeping

5. Practices to Minimize Contact with Storm Water

a. Construction Vehicles and Equipment

i) Maintenance

Yes No

- Maintain all construction equipment to prevent oil or other fluid leaks.
- Keep vehicles and equipment clean, prevent excessive build-up of oil and grease.
- Use off-site repair shops.
- Keep stockpiled spill cleanup materials readily accessible.
- Regularly inspect on-site vehicles and equipment for leaks, and repair immediately.
- Check incoming vehicles and equipment (including delivery trucks, and employee and subcontractor vehicles) for leaking oil and fluids. Do not allow leaking vehicles or equipment on-site.
- Segregate and recycle wastes, such as greases, used oil or oil filters, antifreeze, cleaning solutions, automotive batteries, hydraulic, and transmission fluids.

ii) Fueling

Yes No

- If fueling must occur on-site, use designated areas away from drainage.
- Locate on-site fuel storage tanks within a bermed area designed to hold the tank volume.
- Cover retention area with an impervious material and install it in a manner to ensure that any spills will be contained in the retention area.
- Always use secondary containment, such as a drain pan or drop cloth, to catch spills or leaks when removing or changing fluids.
- Use drip pans for any oil or fluid changes.

iii) Washing

Yes No

- Use as little water as possible to avoid installing erosion and sediment controls for the wash area.
- If washing must occur on-site, use designated, bermed wash areas to prevent waste water discharge into storm water, creeks, rivers, and other water bodies.
- Use phosphate-free, biodegradable soaps.
- Do not permit steam cleaning on-site.

b. Materials

Materials to be Stored on-site

Methods that will be employed to minimize the amount of these materials on site.

Methods of Secondary containment of materials stored.

Chemical Storage Methods.

6. Construction Materials Loading, Unloading and Access Areas.

7. Waste Management and Disposal

a. Concrete Wash-Out

b. Miscellaneous Wastes

8. Pre-Construction Control Practices

E. Non-Storm Water Management

F. Maintenance, Inspection, and Repair of Structural Controls

G. Spill Prevention and Control

1. Minor Spills

2. Major Spills

H. Post-Construction Storm Water Management

I. Personnel Training

J. List of Contractors/Subcontractors

K. Other Plans/Permits

L. Monitoring

1. General Plan Summary

2. Site Inspections

3. Compliance Certification

4. Noncompliance Reporting

5. Records
