Stormwater Pollution Prevention Plan

for:

Academic Resources Center Remodel
Colorado State University-Pueblo
Pueblo, CO

Operator(s):

SWPPP Contact(s):

SWPPP Preparation Date:

08/12/2009

Estimated Project Dates:

Project Start Date: Fall 2009
Project Completion Date: Fall 2010
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SWPPP APPENDICES

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SECTION 1: SITE EVALUATION, ASSESSMENT, AND PLANNING

1.1 Project/Site Information

Project/Site Name: Academic Resources Center Remodel, Colorado State University-Pueblo
Project Street/Location: Colorado State University-Pueblo
City: Pueblo  State: CO   ZIP Code: 81001
County or Similar Subdivision: Pueblo County

Latitude/Longitude (Use one of three possible formats, and specify method)

1. 38 ° 18 ' 30" N (degrees, minutes, seconds)  1. -104 ° 34 ' 44" W (degrees, minutes, seconds)
2. _ _ ° _ _ . _ _' N (degrees, minutes, decimal)  2. _ _ ° _ _ . _ _' W (degrees, minutes, decimal)
3. _ _ . _ _ _ _ ° N (decimal)  3. _ _ . _ _ _ _ ° W (decimal)

Method for determining latitude/longitude:
☐ USGS topographic map (specify scale: __________)  ☑ EPA Web site  ☐ GPS
☐ Other (please specify): ____________________________

Is the project located in Indian country?  ☐ Yes  ☑ No
If yes, name of Reservation, or if not part of a Reservation, indicate "not applicable." __________
Not Applicable

Is this project considered a federal facility?  ☐ Yes  ☑ No

1.2 Contact Information/Responsible Parties

Operator(s):
Company Name: ____________________________________________
Contact: __________________________________________________
Address: ________________________________________________
__________________________________________________________
Phone Number: ___________________________________________
Fax Number: ___________________________________________
Area of Responsibility (if more than one operator at site): __________________________

Project Manager(s) or Site Supervisor(s):
Company Name: ________________________________________________________________
Contact: ____________________________________________________
Address: ________________________________________________________________
Phone Number: ______________________________________________________________
Fax Number: ______________________________________________________________
Area of Responsibility (if more than one operator at site): ______________________

SWPPP Contact(s):
Company Name: ______________________________________________________________
Contact: ____________________________________________________
Address: ________________________________________________________________
Phone Number: ______________________________________________________________
Fax Number: ______________________________________________________________
Area of Responsibility (if more than one operator at site): ______________________

This SWPPP was Prepared By:
Company Name: Martin/Martin, Inc.
Contact: Pete Rice
Address: 12499 West Colfax Avenue
          Lakewood, CO 80215
Phone Number: 303-431-6100 Ext 254
Fax Number: 303-431-4028
E-mail price@martinmartin.com

Subcontractor(s):
Company Name: ______________________________________________________________
Contact: ____________________________________________________
Address: ________________________________________________________________
Phone Number: ______________________________________________________________
Fax Number: ______________________________________________________________
Area of Responsibility (if more than one operator at site): ______________________
Emergency 24-Hour Contact:
Company Name: ________________________________
Contact: ________________________________
Phone Number: ________________________________

1.3 Nature and Sequence of Construction Activity
Describe the general scope of the work for the project, major phases of construction, etc:
It is understood that several additions will be made to an existing building. The total addition is expected to be approximately 20,000SF and two stories high when completed. Breezeways that were formerly below building structures may be enclosed to create more habitable space.
What is the function of the construction activity?
☐ Residential  ☒ Commercial  ☐ Industrial  ☐ Road Construction  ☐ Linear Utility
☐ Other (please specify):
Estimated Project Start Date: Fall 2009
Estimated Project Completion Date: Fall 2010

1.4 Soils, Slopes, Vegetation, and Current Drainage Patterns
Soil type(s):
NCCS Hydrologic Soil Groups B, C and D occur in the vicinity of this project.
Slopes:
2%-25%
Drainage Patterns:
The ground surface of the site generally slopes toward the south.
Vegetation:
The site currently consists of the developed land with a large building (library.) Vegetation includes some trees, lawns and native vegetation. Areas adjacent to the building are primarily landscaped or hardscaped.
Other:

1.5 Construction Site Estimates
The following are estimates of the construction site.

Total project area: 3.09 acres
Construction site area to be disturbed: 2.05 acres
Percentage impervious area before construction: 63.23 %
Runoff coefficient before construction: 0.66
Percentage impervious area after construction: 65.44 %
Runoff coefficient after construction: 0.69

1.6 Receiving Waters

Description of receiving waters:
University Park
Description of storm sewer systems:
The site is divided into two major basins. Runoff from the eastern half of the site is collected by area inlets and trench drains before being routed through storm sewer to a concrete ditch east of the building. The west half of the site drains towards the west and into a concrete ditch west of the building.
Description of impaired waters or waters subject to TMDLs:
N/A
Other:

1.7 Site Features and Sensitive Areas to be Protected

Description of unique features that are to be preserved:
There are no specific unique features that need to be preserved for this site.
Describe measures to protect these features:

1.8 Potential Sources of Pollution

Potential sources of sediment to stormwater runoff:
- Clearing and grubbing operations
- Grading and site excavation operations
- Vehicle Tracking
- Topsoil stripping and stockpiling
- Landscaping Operations
Potential pollutants and sources, other than sediment, to stormwater runoff:
- Combined Staging Area – small fueling activities, minor equipment maintenance, sanitary facilities, and hazardous waste storage.
- Materials Storage Area – general building materials, solvents, adhesives, paving materials, paints, aggregates, trash, etc.
- Construction Activity – paving, curb/gutter installation, concrete pouring/mortar/stucco, and building construction.
- Concrete Washout Area

For all potential construction site pollutants, see table below.

<table>
<thead>
<tr>
<th>Trade Name Material</th>
<th>Stormwater Pollutants</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pesticides</td>
<td>Chlorinated hydrocarbons, organophosphates, carbamates, arsenic</td>
<td>Herbicides used for noxious weed control</td>
</tr>
<tr>
<td>Fertilizer</td>
<td>Nitrogen, phosphorous</td>
<td>Newly seeded areas</td>
</tr>
<tr>
<td>Plaster</td>
<td>Calcium sulphate, calcium carbonate, sulfuric acid</td>
<td>Building construction</td>
</tr>
<tr>
<td>Cleaning solvents</td>
<td>Perchloroethylene, methylene chloride, trichloroethylene, petroleum distillates</td>
<td>No equipment cleaning allowed in project limits</td>
</tr>
<tr>
<td>Asphalt</td>
<td>Oil, petroleum distillates</td>
<td>Streets and roofing</td>
</tr>
<tr>
<td>Concrete</td>
<td>Limestone, sand, pH, chromium</td>
<td>Curb and gutter, building construction, sidewalks, concrete pads</td>
</tr>
<tr>
<td>Glue, adhesives</td>
<td>Polymers, epoxies</td>
<td>Building construction</td>
</tr>
<tr>
<td>Paints</td>
<td>Metal oxides, Stoddard solvent, talc, calcium carbonate, arsenic</td>
<td>Building construction</td>
</tr>
<tr>
<td>Curing compounds</td>
<td>Naphtha</td>
<td>Curb and gutter, sidewalks, concrete pads</td>
</tr>
<tr>
<td>Wood preservatives</td>
<td>Stoddard solvent, petroleum distillates, arsenic, copper, chromium</td>
<td>Timber pads and building construction</td>
</tr>
<tr>
<td>Hydraulic oil/fluids</td>
<td>Mineral oil</td>
<td>Leaks or broken hoses from equipment</td>
</tr>
<tr>
<td>Gasoline</td>
<td>Benzene, ethyl benzene, toluene, xylene, MTBE</td>
<td>Secondary containment/staging area</td>
</tr>
<tr>
<td>Diesel Fuel</td>
<td>Petroleum distillate, oil &amp; grease, naphthalene, xylenes</td>
<td>Secondary containment/staging area</td>
</tr>
<tr>
<td>Kerosene</td>
<td>Coal oil, petroleum distillates</td>
<td>Secondary containment/staging area</td>
</tr>
<tr>
<td>Antifreeze/coolant</td>
<td>Ethylene glycol, propylene glycol, heavy metals (copper, lead, zinc)</td>
<td>Leaks or broken hoses from equipment</td>
</tr>
<tr>
<td>Sanitary Toilets</td>
<td>Bacteria, parasites, and viruses</td>
<td>Staging area</td>
</tr>
</tbody>
</table>
1.9  **Endangered Species Certification**

Are endangered or threatened species and critical habitats on or near the project area?

☐ Yes  ☒ No  

Describe how this determination was made:

The existing site has been previously developed and is mostly impervious. There are no endangered or critical habitats on this site.

If yes, describe the species and/or critical habitat:

If yes, describe or refer to documentation that determines the likelihood of an impact on identified species and/or habitat and the steps taken to address that impact. (Note, if species are on or near your project site, EPA strongly recommends that the site operator work closely with the appropriate field office of the U.S. Fish and Wildlife Service or National Marine Fisheries Service. For concerns related to state or tribal listing of species, please contact a state or tribal official.)

1.10  **Historic Preservation**

Are there any historic sites on or near the construction site?

☐ Yes  ☒ No  

Describe how this determination was made:

The site has been previously developed and is not a registered landmark.

If yes, describe or refer to documentation that determines the likelihood of an impact on this historic site and the steps taken to address that impact.

1.11  **Applicable Federal, Tribal, State or Local Programs**

There are no other applicable federal, tribal, state or local programs for this site.

1.12  **Maps**

See Appendix B – Site Maps
SECTION 2: EROSION AND SEDIMENT CONTROL BMPS

2.1 Minimize Disturbed Area and Protect Natural Features and Soil

Topsoil stripped from the immediate construction area will be stockpiled as best determined by the general contractor. The stockpile will be in an area that will not interfere with construction phases and at least 15 feet away from areas of concentrated flows or pavement. The slopes of the stockpile will not exceed 2:1 to prevent erosion. A silt fence will be installed around the perimeter of the stockpile, in accordance with the design specifications in Section 2, Part 2.7. The stockpile will be temporarily stabilized with erosion controls as described in Section 2, Part 2.4.

Installation Schedule: Topsoil stockpiles will be established during grading activities. Temporary stabilization will be applied immediately after the slopes of the stockpile have been graded and construction equipment transverses the slopes.

Maintenance and Inspection: The area will be inspected weekly for erosion and immediately after storm events. Areas on or around the stockpile that have eroded will be stabilized immediately with erosion controls. Maintenance and inspection procedures for the silt fence are described in Section 2, Part 2.7.

2.2 Phase Construction Activity

- Phase I
  - Pre-Pavement
  - Duration of phase to be determined by the general contractor
    - Start Date: ________________
    - End Date: ________________
  - BMPs associated with this phase:
    - Temporary Seeding
    - Mulching
    - Inlet Protection
    - Street Sweeping
    - Silt Fence
    - Vehicle Tracking Control
    - Haul Route
    - Waste Management
    - Hazardous Waste Management
    - Sanitary Waste Management
    - Recycling
    - Construction Staging and Storage Area
    - Concrete Washout Area
    - Vehicle/Equipment Fueling Management
Temporary seeding is to be employed where large areas of the construction site will be devoid of activity for greater than 14 days.

- Phase II
  - Construction
  - Duration of phase to be determined by the general contractor
    - Start Date: 
    - End Date: 
  - BMPs associated with this phase:
    - Same as above
  - Temporary seeding is to be employed where large areas of the construction site will be devoid of activity for greater than 14 days.

- Phase III
  - Post-Pavement
  - Duration of phase to be determined by the general contractor
    - Start Date: 

2.3 Control Stormwater Flowing onto and through the Project

<table>
<thead>
<tr>
<th>BMP Description:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation Schedule:</td>
</tr>
<tr>
<td>Maintenance and Inspection:</td>
</tr>
<tr>
<td>Responsible Staff:</td>
</tr>
</tbody>
</table>

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<td>Responsible Staff:</td>
</tr>
</tbody>
</table>

2.4 Stabilize Soils

**Temporary Seeding**

**BMP Description:** Temporary Revegetation is required on all disturbed areas that are projected to have or have already experienced a period of exposure prior to final stabilization of one (1) year or longer. All temporary seeding shall be protected with mulch.

To provide temporary vegetative cover on disturbed areas which will not be paved, built upon, or fully landscaped within 12 months but will be completed within 24 months, plant an annual grass appropriate for the time of planting and mulch the planted areas. The annual grasses generally suitable for the Denver metropolitan area are listed in Table C-2. These are to be considered only...
as general recommendations whenever specific design guidance for a particular site is not available. Refer to Appendix for Details.

<table>
<thead>
<tr>
<th>Installation Schedule:</th>
<th>Beginning of Phase I – End of Phase III, as necessary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance and Inspection:</td>
<td>Mulched areas will be inspected weekly and after storm events to check for movement of mulch or erosion. If washout, breakage, or erosion occurs, the surface will be repaired, and new mulch will be applied to the damaged area.</td>
</tr>
<tr>
<td>Responsible Staff:</td>
<td>Operator</td>
</tr>
</tbody>
</table>

2.5 Protect Slopes

BMP Description:

| Installation Schedule: | |
|------------------------| |
| Maintenance and Inspection: | |
| Responsible Staff: | |

2.6 Protect Storm Drain Inlets

Inlet Protection

BMP Description: All storm sewer inlets which are made operable during construction and that
are not connected to a storm sewer discharging to a sedimentation basin must be protected to minimize the amount of sediment that may enter them. The goal is to prevent sediment-laden runoff from entering the conveyance system without first being filtered or otherwise treated to remove sediment. However, if the flow entering the inlet is being directed to a sedimentation basin, no such protection is needed, or even desired. In those cases it is much more effective to drop out sediment at the sedimentation basin rather than creating a condition where the stormwater cannot enter the inlet and continues to move downstream, eventually overflowing into the waterway in an uncontrolled fashion.

Sediment accumulated upstream of all inlet protection devices has to be removed after every storm event. In addition, all of these devices have to be removed after construction activities have been completed, the roadways cleaned up and re-construction if needed. An important consideration when protecting an inlet is continuation of functioning while reducing the amount of sediment entering it. This can be accomplished for a curb opening or combination inlet in a sump by setting the maximum height of the protective barrier lower than the top of the curb opening. This allows overflows to occur during larger rainfall events even though sediment-laden runoff will enter the storm drainage system. If the inlet protection height is greater than the curb elevation, particularly if the filter is clogged from previous sediment deposits, runoff will not enter the inlet and can bypass it, possibly causing more downstream erosion and damage than would occur without inlet protection. Area inlets located in a sump setting can be protected through the use of silt fence, concrete block and gravel filter, excavated sediment trap, or “rock socks” imbedded in the adjacent soil and stacked around the area inlet. Refer to Appendix for Details.

<table>
<thead>
<tr>
<th>Installation Schedule:</th>
<th>Beginning of Phase I – End of Phase III, as necessary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maintenance and Inspection:</strong></td>
<td>1. The designated inspector shall inspect inlet protection weekly, during and after any storm event and make repairs as necessary.</td>
</tr>
<tr>
<td></td>
<td>2. Sediment accumulated upstream of the inlet protection shall be removed when the sediment depth upstream of rock berm is within 2-1/2 inches of the crest.</td>
</tr>
<tr>
<td></td>
<td>3. Inlet protection is to remain in place until the upstream disturbed area is stabilized and grass cover is approved, unless the local jurisdiction approves earlier removal of inlet protection in streets.</td>
</tr>
<tr>
<td></td>
<td>4. When inlet protection at area inlets is removed, the disturbed area shall be covered with top soil, drill seeded and crimp mulched, or otherwise stabilized as appropriate in a manner approved by the local jurisdiction.</td>
</tr>
</tbody>
</table>

| Responsible Staff: | Operator |

**Street Sweeping**

**BMP Description:** Whenever sediment is transported onto a public road, regardless of the size of the site, the road shall be cleaned at the end of each day or before any predicted or anticipated rainstorm. Sediment shall be removed from roads by shoveling and sweeping and be transported
to a controlled sediment disposal area. Washing of the street with a water hose and flushing the water downstream shall not be allowed. Refer to Appendix for Details.

<table>
<thead>
<tr>
<th><strong>Installation Schedule:</strong></th>
<th>Beginning of Phase I – End of Phase III, as necessary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maintenance and Inspection:</strong></td>
<td>Street sweeping will occur weekly and before forecasted storm events.</td>
</tr>
<tr>
<td><strong>Responsible Staff:</strong></td>
<td>Operator</td>
</tr>
</tbody>
</table>

### 2.7 Establish Perimeter Controls and Sediment Barriers

**Silt Fence**

**BMP Description:** A silt fence is made of a woven synthetic material. Its function is to trap sediment through sedimentation and filtering of runoff. Silt fence can be placed as a temporary barrier along the contour at the base of a slope of a disturbed area. They are of little if any use if placed at the top of the disturbed slope and are not intended for use as diversion barriers or as perimeter fencing. In addition, they are not to be used as checks within a swale or channel. The material is durable and can last for more than one season if properly installed and maintained. Proper installation and maintenance is essential to ensure their performance. If concentrated flow conditions are expected, do not use silt fencing; the use of rock check dams is recommended. Refer to Appendix for Details.

<table>
<thead>
<tr>
<th><strong>Installation Schedule:</strong></th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Maintenance and Inspection:</strong></td>
<td>Silt fences will be inspected weekly and immediately after storm events to ensure it is intact and that there are no gaps where the fence meets the ground or tears along the length of the fence. If gaps or tears are found during the inspection, the fabric will be repaired or replaced immediately. Accumulated sediment will be removed from the fence base if it reaches one-third the height of the silt fence. If accumulated sediment is creating noticeable strain on the fabric and the fence might fail from a sudden storm event, the sediment will be removed more frequently. Before the fence is removed from the project area, the sediment will be removed. The anticipated life span of the silt fence is 6 months and will likely need to be replaced after this period.</td>
</tr>
<tr>
<td><strong>Responsible Staff:</strong></td>
<td>Operator</td>
</tr>
</tbody>
</table>

### 2.8 Retain Sediment On-Site

**BMP Description:**

**Installation Schedule:**

**Maintenance and**
2.9 Establish Stabilized Construction Exits

Vehicle Tracking Control

Description: Wherever construction vehicles enter onto paved public roads, provisions must be made to prevent the transport of sediment (mud and dirt) by runoff or by vehicles tracking onto the paved surface. It is recommended that coarse-aggregate rock surfacing be provided to keep most construction traffic from coming into contact with mud and dirt. In other words, stabilized access, parking, staging, and loading/unloading areas will reduce the likelihood that vehicles will come in contact with mud. Refer to Appendix for Details.

<table>
<thead>
<tr>
<th>Installation Schedule:</th>
<th>Beginning of Phase I – End of Phase III, as necessary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance and Inspection:</td>
<td></td>
</tr>
<tr>
<td>Responsible Staff:</td>
<td>Operator</td>
</tr>
</tbody>
</table>

2.10 Additional BMPs

Haul Route

BMP Description: Haul Route

<table>
<thead>
<tr>
<th>Installation Schedule:</th>
<th>Beginning of Phase I – End of Phase III, as necessary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance and Inspection:</td>
<td></td>
</tr>
<tr>
<td>Responsible Staff:</td>
<td>Operator</td>
</tr>
</tbody>
</table>
SECTION 3: GOOD HOUSEKEEPING BMPS

3.1 Material Handling and Waste Management

**Waste Materials**

**BMP Description:** All waste materials will be collected and disposed of into the trash dumpsters in the materials storage area. Dumpsters will have a secure watertight lid, be placed away from stormwater conveyances, and meet all federal, state, and municipal regulations. Only trash and construction debris from the site will be deposited in the dumpster. No construction materials will be buried on-site. All personnel will be instructed, during tailgate training sessions, regarding the correct disposal of trash and construction debris. Notices that state these practices will be posted in the office trailer and the individual who manages day to day site operations will be responsible for seeing that these practices are followed.

<table>
<thead>
<tr>
<th>Installation Schedule:</th>
<th>Beginning of Phase I – End of Phase III, as necessary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maintenance and Inspection:</strong></td>
<td>The dumpsters will be inspected weekly and immediately after storm events. The dumpster will be emptied weekly. If trash and construction debris are exceeding the dumpster’s capacity, the dumpsters will be emptied more frequently.</td>
</tr>
<tr>
<td><strong>Responsible Staff:</strong></td>
<td>Operator</td>
</tr>
</tbody>
</table>

**Hazardous Waste Materials**

**BMP Description:** All hazardous waste materials such as oil filters, petroleum products, and equipment maintenance fluids will be stored in structurally sound and sealed shipping containers, within the hazardous materials storage area. Hazardous waste materials will be stored in appropriate and clearly marked containers and segregated from other non-waste materials. Secondary containment will be provided for all waste materials in the hazardous materials storage area and will consist of commercially available spill pallets. Additionally, all hazardous waste materials will be disposed of in accordance with federal, state, and municipal regulations. Hazardous waste materials will not be disposed of into the on-site dumpsters. All personnel will be instructed, during tailgate training sessions, regarding proper procedures for hazardous waste disposal. Notices that state these procedures will be posted in the office trailer and the individual who manages day to day site operations will be responsible for seeing that these procedures are followed.

<table>
<thead>
<tr>
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<th>Beginning of Phase I – End of Phase III, as necessary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maintenance and Inspection:</strong></td>
<td>The hazardous waste material storage areas will be inspected weekly and after storm events. The storage areas will be kept clean, well organized, and equipped with ample cleaning supplies as appropriate for the materials being stored. Material safety data sheets, material inventory, and emergency contact numbers will be maintained in the office trailer.</td>
</tr>
<tr>
<td>Responsible Staff:</td>
<td>Operator</td>
</tr>
<tr>
<td>-------------------</td>
<td>----------</td>
</tr>
</tbody>
</table>

### Sanitary Waste

**BMP Description:** Temporary sanitary facilities (portable toilets) will be provided at the site throughout the construction phase. The toilets will be in the staging area. The portable toilets will be located away from concentrated flow paths and traffic flow and will have collection pans underneath as secondary containment.

<table>
<thead>
<tr>
<th><strong>Installation Schedule:</strong></th>
<th>Beginning of Phase I – End of Phase III, as necessary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maintenance and Inspection:</strong></td>
<td>All sanitary waste will be collected from the portable facilities a minimum of three times per week. The portable toilets will be inspected weekly for evidence of leaking holding tanks. Toilets with leaking holding tanks will be removed from the site and replaced with new portable toilets.</td>
</tr>
<tr>
<td>Responsible Staff:</td>
<td>Operator</td>
</tr>
</tbody>
</table>

### Recycling

**BMP Description:** Wood pallets, cardboard boxes, and other recyclable construction scraps will be disposed of in a designated dumpster for recycling. The dumpster will have a secure watertight lid, be placed away from stormwater conveyances and meet all local and state solid-waste management regulations. Only solid recyclable construction scraps from the site will be deposited in the dumpster. All personnel will be instructed, during tailgate training sessions, regarding the correct procedure for disposal of recyclable construction scraps. Notices that state these procedures will be posted in the office trailer, and the individual who manages day to day site operations will be responsible for seeing that these procedures are followed.

<table>
<thead>
<tr>
<th><strong>Installation Schedule:</strong></th>
<th>Beginning of Phase I – End of Phase III, as necessary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maintenance and Inspection:</strong></td>
<td>The recycling dumpster will be inspected weekly and immediately after storm events. The recycling dumpster will be emptied weekly and taken to an approved recycling center. If recyclable construction wastes are exceeding the dumpster’s capacity, the dumpsters will be emptied more frequently.</td>
</tr>
<tr>
<td>Responsible Staff:</td>
<td>Operator</td>
</tr>
</tbody>
</table>

### 3.2 Establish Proper Building Material Staging Areas

#### Construction Storage and Staging Area

**Description:** Set aside a fenced-in contractor staging area. This area should be used to store the contractor office trailer, all of the construction equipment and vehicles. It also may be used to stockpile materials delivered on site for later use. Refer to Appendix for Details.

<table>
<thead>
<tr>
<th><strong>Installation Schedule:</strong></th>
<th>Beginning of Phase I – End of Phase III, as necessary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maintenance and Inspection:</strong></td>
<td>1. The designated inspector shall inspect erosion control blankets weekly, during and after any storm event and make repairs as necessary.</td>
</tr>
<tr>
<td>Responsible Staff:</td>
<td>Operator</td>
</tr>
</tbody>
</table>
2. The operator shall provide additional thickness or granular material if any rutting occurs or underlying subgrade becomes exposed.

3. Stabilized staging area shall be enlarged if necessary to contain parking, storage, and unloading and loading operations.

4. The stabilized staging area shall be removed at the end of construction. The granular material shall be removed or, if approved by the local jurisdiction, used on site, and the area topsoiled, drill seeded and crimp mulched or otherwise stabilized as appropriate.

**Responsible Staff:** Operator

---

### 3.3 Designate Washout Areas

**Concrete Washout Area**

**BMP Description:** An area needs to be set aside to wash out concrete truck mixers. The site needs to contain a basin for disposing of concrete residue, which should have sufficient storage volume to accept the wash water and allow the suspended particles to settle out. Such a facility can also be modified for use of receiving equipment cleaning water. Refer to Appendix for Details.

<table>
<thead>
<tr>
<th><strong>Installation Schedule:</strong></th>
<th>Prior to the beginning Phase II – End of Phase III, as necessary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maintenance and Inspection:</strong></td>
<td>1. The designated inspector shall inspect erosion control blankets weekly, during and after any storm event and make repairs as necessary.</td>
</tr>
<tr>
<td></td>
<td>2. The concrete washout area shall be repaired and enlarged or cleaned out when 2/3 full or as necessary to maintain capacity for wasted concrete.</td>
</tr>
<tr>
<td></td>
<td>3. At the end of construction, all concrete shall be removed from the site and disposed of at an approved waste site.</td>
</tr>
<tr>
<td></td>
<td>4. When the concrete washout area is removed, cover the disturbed area with top soil, drill seed and crimp mulch or otherwise stabilized as appropriate in a manner approved by the local jurisdiction.</td>
</tr>
</tbody>
</table>

**Responsible Staff:** Operator

---

### 3.4 Establish Proper Equipment/Vehicle Fueling and Maintenance Practices

**Vehicle/Equipment Fueling and Maintenance**
**BMP Description:** Several types of vehicles and equipment will be used on-site throughout the project. All major equipment/vehicle fueling and maintenance will be performed off-site. A small pickup bed fuel tank will be kept on site in the combined staging area. When vehicle fueling must occur on site, the fueling activity will occur in the staging area. Only minor equipment maintenance will occur on site. All equipment fluids generated from maintenance activities will be disposed of into designated drums stored on spill pallets in accordance with Part 3.1. Absorbent, spill cleanout materials and spill kits will be available at the combined staging and materials storage area. Drip pans will be placed under all equipment receiving maintenance and vehicles and equipment parked overnight.

<table>
<thead>
<tr>
<th><strong>Installation Schedule:</strong></th>
<th>Beginning of Phase I – End of Phase III, as necessary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maintenance and Inspection:</strong></td>
<td>Inspect equipment/vehicle storage areas and fuel tank weekly and after storm events. Vehicles and equipment will be inspected on each day of use. Leaks will be repaired immediately, or the problem vehicle(s) or equipment will be removed from the site. Keep ample supply of spill-cleanup materials on-site and immediately clean up spills and dispose of materials properly.</td>
</tr>
<tr>
<td><strong>Responsible Staff:</strong></td>
<td>Operator</td>
</tr>
</tbody>
</table>

### 3.5 Control Equipment/Vehicle Washing

**Control Equipment/Vehicle Washing**

<table>
<thead>
<tr>
<th><strong>BMP Description:</strong></th>
<th>All equipment and vehicle washing will be performed off-site</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Installation Schedule:</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Maintenance and Inspection:</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Responsible Staff:</strong></td>
<td>Operator</td>
</tr>
</tbody>
</table>

### 3.6 Spill Prevention and Control Plan

The general contractor is to develop and implement an official Spill Prevention Plan on site.

For industrial facilities and automotive related industries the following preventative strategies are:

- Identify all equipment that may be exposed to stormwater, pollutants that may be generated, and possible sources of leaks or discharges.
- Perform regular maintenance of each piece of equipment to check for: proper operation, leaks, malfunctions, and evidence of leaks or discharge (stains). Develop a procedure for spill reporting, clean up, and repair.
- Drain or replace motor oil or other automotive fluids in an area away from streams or storm or sanitary sewer inlets. Collect spent fluids and recycle or dispose of properly.
• In fueling areas, clean up spills with dry clean up methods (absorbents), and use damp cloths on gas pumps and damp mops on floors instead of a hose.
• An important part of spill prevention is employee training. Make sure employees are trained in spill prevention practices and adhere to them.

### 3.7 Any Additional BMPs

<table>
<thead>
<tr>
<th>BMP Description:</th>
<th>Installation Schedule:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance and Inspection:</td>
<td>Responsible Staff:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMP Description:</th>
<th>Installation Schedule:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance and Inspection:</td>
<td>Responsible Staff:</td>
</tr>
</tbody>
</table>

### 3.8 Allowable Non-Stormwater Discharge Management

List allowable non-stormwater discharges and the measures used to eliminate or reduce them and to prevent them from becoming contaminated:

<table>
<thead>
<tr>
<th>BMP Description:</th>
<th>Installation Schedule:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance and Inspection:</td>
<td>Responsible Staff:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMP Description:</th>
<th>Installation Schedule:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance and Inspection:</td>
<td>Responsible Staff:</td>
</tr>
</tbody>
</table>
SECTION 4: SELECTING POST-CONSTRUCTION BMPs

<table>
<thead>
<tr>
<th>BMP Description:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Installation Schedule:</strong></td>
</tr>
<tr>
<td><strong>Maintenance and Inspection:</strong></td>
</tr>
<tr>
<td><strong>Responsible Staff:</strong></td>
</tr>
</tbody>
</table>
SECTION 5: INSPECTIONS

5.1 Inspections

1. Inspection Personnel: Identify the person(s) who will be responsible for conducting inspections and describe their qualifications:
   
   Designated Inspector: __________________________________________
   Qualifications: ________________________________________________
   Assigned Inspection Dates/Times: ________________________________

   Designated Inspector: __________________________________________
   Qualifications: ________________________________________________
   Assigned Inspection Dates/Times: ________________________________

   Designated Inspector: __________________________________________
   Qualifications: ________________________________________________
   Assigned Inspection Dates/Times: ________________________________

   Designated Inspector: __________________________________________
   Qualifications: ________________________________________________
   Assigned Inspection Dates/Times: ________________________________

2. Inspection Schedule and Procedures:

   Inspections of the site will be performed once every 7 days and within 24 hours of the end of a storm event of one half inch or greater. The inspections will verify that all BMPs required in Section 2 and 3 are implemented, maintained, and effectively minimizing erosion and preventing stormwater contamination from construction materials.

   Refer to maintenance procedures in sections 2 and 3, as well as BMP details.

   Refer to Appendix for a copy of the blank inspection form.
5.2 Delegation of Authority

Duly Authorized Representative(s) or Position(s):

Insert Company or Organization Name: ____________________________________________
Insert Name: _________________________________________________________________
Insert Position: _______________________________________________________________
Insert Address: _______________________________________________________________
Insert City, State, Zip Code: _____________________________________________________
Insert Telephone Number: ______________________________________________________
Insert Fax/Email: ______________________________________________________________

(Operator to attach a copy of the signed delegation of authority form as part of the appendix.)

5.3 Corrective Action Log

Corrective Action Log:
Operator to develop a corrective action log to track maintenance, repair, and replacement of unsatisfactory BMPs and add it to this document.
SECTION 6: RECORDKEEPING AND TRAINING

6.1 Recordkeeping

Records will be retained for a minimum period of at least 3 years after the permit is terminated.

The following is a list of records that the operator should keep at the project site available for inspectors to review:

- Dates of grading, construction activity, and stabilization (see below or refer to Sections 2 and 3)
- A copy of the construction general permit (Operator to attach copies to this document)
- The signed and certified NOI form or permit application form (Operator to attach copies to this document)
- A copy of the letter from EPA or/the state notifying you of their receipt of your complete NOI/application (Operator to attach copies to this document)
- Inspection reports (Operator to attach copies to this document, Templates are provided in Appendix C)

Date(s) when major grading activities occur:
Operator to maintain records of grading activities and attach copies to this document as necessary.

Date(s) when construction activities temporarily or permanently cease on a portion of the site:
Operator to maintain construction activities scheduling records and attach copies to this document as necessary.

Date(s) when an area is either temporarily or permanently stabilized:
Operator to maintain stabilization records and attach copies to this document as necessary.

6.2 Log of Changes to the SWPPP

Log of changes and updates to the SWPPP
After the jurisdictional approval of this document (by CSU Pueblo), Operator is to maintain an integral log that records of all changes and updates to this document. This log should be added as a part of the appendix.

6.3 Training

Individual(s) Responsible for Training:
Operator
Describe Training Conducted:
• General stormwater and BMP awareness training for staff and subcontractors:
The intent, and maintenance procedures for individual erosion and sediment control BMPs shall be explained during weekly safety meeting and/or training sessions.

• Detailed training for staff and subcontractors with specific stormwater responsibilities:
The proper location, installation method, and maintenance procedures for erosion and sediment control BMPs shall be explained during site orientation sessions for designated BMP inspectors. Additionally, designated inspectors will be notified of the required frequency and detail of inspections, and required to review the SWPPP and all referenced documents.
SECTION 7: FINAL STABILIZATION

Permanent Seeding

**BMP Description:** A viable vegetative cover should be established within one (1) year on all disturbed areas and soil stockpiles not otherwise permanently stabilized. Vegetation is not considered established until a ground cover is achieved which is equivalent to at least 70 percent of the previously existing vegetation and is sufficiently mature to control soil erosion and can survive severe weather conditions. Refer to Appendix for Details.

<table>
<thead>
<tr>
<th><strong>Installation Schedule:</strong></th>
<th>End of Phase III</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maintenance and Inspection:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Responsible Staff:</strong></td>
<td>Operator</td>
</tr>
</tbody>
</table>
SECTION 8: CERTIFICATION AND NOTIFICATION

**Engineer’s Statement**
This Erosion Control/Grading Plan was prepared under my direction and supervision and is correct to the best of my knowledge and belief. If such work is preformed in accordance with the grading and erosion control plan, the work will not become a hazard to life and limb, endanger property, or adversely affect the safety, use, or stability of a public way, drainage channel, or other property.

Wayne Wray Harris, P.E., P.L.S
Martin/Martin Inc.
12499 West Colfax Avenue
Lakewood, CO 80215
Phone: (303) 431-6100 Fax: (303) 431-4028 Email: wharris@martinmartin.com

**Developer’s/Owner’s Statement**
The owner will comply with the requirements of the Erosion and Stormwater Quality Control Plan. I acknowledge the responsibility to determine whether the construction activities on these plans require Colorado Discharge Permit System (CDPS) permitting for Stormwater discharges associated with Construction Activity.

CSU – Pueblo Representative

**Operator’s Statement**
This Erosion Control/Grading Plan was prepared under my direction and supervision and is correct to the best of my knowledge and belief. If such work is preformed in accordance with the grading and erosion control plan, the work will not become a hazard to life and limb, endanger property, or adversely affect the safety, use, or stability of a public way, drainage channel, or other property.

Operator’s Representative

Company: ____________________________________________________________
Address: ___________________________________________________________
City/State/Zip: _____________________________________________________
Phone/Fax/Email: ___________________________________________________
SWPPP APPENDICES

Appendix A  – General Location Map
Appendix B  – Site Maps
Appendix C  – N/A
Appendix D  – N/A
Appendix E  – Inspection Reports
Appendix F  – Corrective Action Log
Appendix G  – SWPPP Amendment Log
Appendix H  – Subcontractor Certifications/Agreements
Appendix I  – Grading and Stabilization Activities Log
Appendix J  – Training Log
Appendix K  – Delegation of Authority
APPENDIX A: GENERAL LOCATION MAP

*THIS MAP IS PROVIDED BY GOOGLE EARTH PRO AND IS USED FOR PROJECT REFERENCE ONLY. IT IS TO BE USED ONLY FOR PURPOSES PERMITTED BY ANY APPLICABLE LAW AND THE TERMS OF THE LICENSE AGREEMENT BETWEEN MARTIN/MARTIN, INC. AND GOOGLE. THIS MAP MAY NOT BE COPIED OR MODIFIED.

VICINITY MAP

N.T.S.
### MAP LEGEND

**Area of Interest (AOI)**
- Area of Interest (AOI)

**Soils**
- Soil Map Units

**Soil Ratings**
- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

**Political Features**
- Cities

**Water Features**
- Oceans
- Streams and Canals

**Transportation**
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

### MAP INFORMATION

Map Scale: 1:2,720 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Coordinate System: UTM Zone 13N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Pueblo Area, Colorado, Parts of Pueblo and Custer Counties
Survey Area Data: Version 8, Apr 28, 2009

Date(s) aerial images were photographed: 7/29/2005

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.
Hydrologic Soil Group

<table>
<thead>
<tr>
<th>Map unit symbol</th>
<th>Map unit name</th>
<th>Rating</th>
<th>Acres in AOI</th>
<th>Percent of AOI</th>
</tr>
</thead>
<tbody>
<tr>
<td>LvB</td>
<td>Limon silty clay, 0 to 5 percent slopes gullied</td>
<td>C</td>
<td>3.9</td>
<td>9.7%</td>
</tr>
<tr>
<td>MsD</td>
<td>Midway-Shale outcrop complex, 1 to 9 percent slopes</td>
<td>D</td>
<td>26.1</td>
<td>64.8%</td>
</tr>
<tr>
<td>Sh</td>
<td>Stoneham loam</td>
<td>B</td>
<td>10.3</td>
<td>25.5%</td>
</tr>
</tbody>
</table>

Totals for Area of Interest | 40.3 | 100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition
Component Percent Cutoff: None Specified

Tie-break Rule: Lower
### Appendix E: Stormwater Construction Site Inspection Report

#### General Information

<table>
<thead>
<tr>
<th>Project Name</th>
<th>NPDES Tracking No.</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date of Inspection</th>
<th>Start/End Time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inspector’s Name(s)</th>
<th>Inspector’s Title(s)</th>
<th>Inspector’s Contact Information</th>
<th>Inspector’s Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Describe present phase of construction

#### Type of Inspection:

- [ ] Regular
- [ ] Pre-storm event
- [ ] During storm event
- [ ] Post-storm event

#### Weather Information

Has there been a storm event since the last inspection?  
[ ] Yes  [ ] No

If yes, provide:
- Storm Start Date & Time: 
- Storm Duration (hrs): 
- Approximate Amount of Precipitation (in):

Weather at time of this inspection?

- [ ] Clear
- [ ] Cloudy
- [ ] Rain
- [ ] Sleet
- [ ] Fog
- [ ] Snowing
- [ ] High Winds

[ ] Other: 

Temperature:

Have any discharges occurred since the last inspection?  
[ ] Yes  [ ] No

If yes, describe:

Are there any discharges at the time of inspection?  
[ ] Yes  [ ] No

If yes, describe:

#### Site-specific BMPs

<table>
<thead>
<tr>
<th>BMP</th>
<th>BMP Installed?</th>
<th>BMP Maintenance Required?</th>
<th>Corrective Action Needed and Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>[ ] Yes [ ] No</td>
<td>[ ] Yes [ ] No</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>[ ] Yes [ ] No</td>
<td>[ ] Yes [ ] No</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>[ ] Yes [ ] No</td>
<td>[ ] Yes [ ] No</td>
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<tr>
<td>4</td>
<td>[ ] Yes [ ] No</td>
<td>[ ] Yes [ ] No</td>
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<td>5</td>
<td>[ ] Yes [ ] No</td>
<td>[ ] Yes [ ] No</td>
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<td>6</td>
<td>[ ] Yes [ ] No</td>
<td>[ ] Yes [ ] No</td>
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<td>7</td>
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<td>10</td>
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<td>[ ] Yes [ ] No</td>
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<td>11</td>
<td>[ ] Yes [ ] No</td>
<td>[ ] Yes [ ] No</td>
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<tr>
<td>12</td>
<td>[ ] Yes [ ] No</td>
<td>[ ] Yes [ ] No</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>[ ] Yes [ ] No</td>
<td>[ ] Yes [ ] No</td>
<td></td>
</tr>
</tbody>
</table>
## Stormwater Pollution Prevention Plan (SWPPP)

**CSU - Pueblo August 12, 2009**

### BMP Table

<table>
<thead>
<tr>
<th>BMP</th>
<th>BMP Installed?</th>
<th>BMP Maintenance Required?</th>
<th>Corrective Action Needed and Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>☐ Yes ☑ No</td>
<td>☐ Yes ☑ No</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>☐ Yes ☑ No</td>
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<td></td>
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<tr>
<td>16</td>
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<td>☐ Yes ☑ No</td>
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<td>17</td>
<td>☐ Yes ☑ No</td>
<td>☐ Yes ☑ No</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>☐ Yes ☑ No</td>
<td>☐ Yes ☑ No</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>☐ Yes ☑ No</td>
<td>☐ Yes ☑ No</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>☐ Yes ☑ No</td>
<td>☐ Yes ☑ No</td>
<td></td>
</tr>
</tbody>
</table>

### Overall Site Issues

<table>
<thead>
<tr>
<th>BMP/activity</th>
<th>Implemented?</th>
<th>Maintenance Required?</th>
<th>Corrective Action Needed and Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Are all slopes and disturbed areas not actively being worked properly stabilized?</td>
<td>☐ Yes ☑ No</td>
<td>☐ Yes ☑ No</td>
</tr>
<tr>
<td>2</td>
<td>Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?</td>
<td>☐ Yes ☑ No</td>
<td>☐ Yes ☑ No</td>
</tr>
<tr>
<td>3</td>
<td>Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?</td>
<td>☐ Yes ☑ No</td>
<td>☐ Yes ☑ No</td>
</tr>
<tr>
<td>4</td>
<td>Are discharge points and receiving waters free of any sediment deposits?</td>
<td>☐ Yes ☑ No</td>
<td>☐ Yes ☑ No</td>
</tr>
<tr>
<td>5</td>
<td>Are storm drain inlets properly protected?</td>
<td>☐ Yes ☑ No</td>
<td>☐ Yes ☑ No</td>
</tr>
<tr>
<td>6</td>
<td>Is the construction exit preventing sediment from being tracked into the street?</td>
<td>☐ Yes ☑ No</td>
<td>☐ Yes ☑ No</td>
</tr>
<tr>
<td>7</td>
<td>Is trash/litter from work areas collected and placed in covered dumpsters?</td>
<td>☐ Yes ☑ No</td>
<td>☐ Yes ☑ No</td>
</tr>
<tr>
<td>8</td>
<td>Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?</td>
<td>☐ Yes ☑ No</td>
<td>☐ Yes ☑ No</td>
</tr>
<tr>
<td></td>
<td>BMP/activity</td>
<td>Implemented?</td>
<td>Maintenance Required?</td>
</tr>
<tr>
<td>---</td>
<td>------------------------------------------------------------------------------</td>
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<td>9</td>
<td>Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?</td>
<td>☐ Yes ☑ No</td>
<td>☑ Yes ☐ No</td>
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<td>10</td>
<td>Are materials that are potential stormwater contaminants stored inside or under cover?</td>
<td>☐ Yes ☑ No</td>
<td>☑ Yes ☐ No</td>
</tr>
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<td>11</td>
<td>Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?</td>
<td>☐ Yes ☑ No</td>
<td>☑ Yes ☐ No</td>
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<td>12</td>
<td>(Other)</td>
<td>☐ Yes ☑ No</td>
<td>☑ Yes ☐ No</td>
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**Non-Compliance**

**CERTIFICATION STATEMENT**

“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 assure that qualified personnel properly gathered and evaluated 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.”

Print name and title: ____________________________________________________________

Signature: _____________________________________________________________________ Date: ______________________
Appendix F – Corrective Action Log

Project Name:

SWPPP Contact:

<table>
<thead>
<tr>
<th>Inspection Date</th>
<th>Inspector Name(s)</th>
<th>Description of BMP Deficiency</th>
<th>Corrective Action Needed (including planned date/responsible person)</th>
<th>Date Action Taken/Responsible person</th>
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</table>
Appendix G – SWPPP Amendment Log

**Project Name:**

**SWPPP Contact:**

<table>
<thead>
<tr>
<th>Amendment No.</th>
<th>Description of the Amendment</th>
<th>Date of Amendment</th>
<th>Amendment Prepared by [Name(s) and Title]</th>
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<tbody>
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</table>
Appendix H – Subcontractor Certifications/Agreements

SUBCONTRACTOR CERTIFICATION
STORMWATER POLLUTION PREVENTION PLAN

Project Number: ____________________________________________________________

Project Title: ____________________________________________________________

Operator(s): ______________________________________________________________

As a subcontractor, you are required to comply with the Stormwater Pollution Prevention Plan (SWPPP) for any work that you perform on-site. Any person or group who violates any condition of the SWPPP may be subject to substantial penalties or loss of contract. You are encouraged to advise each of your employees working on this project of the requirements of the SWPPP. A copy of the SWPPP is available for your review at the office trailer.

Each subcontractor engaged in activities at the construction site that could impact stormwater must be identified and sign the following certification statement:

I certify under the penalty of law that I have read and understand the terms and conditions of the SWPPP for the above designated project and agree to follow the BMPs and practices described in the SWPPP.

This certification is hereby signed in reference to the above named project:

Company: _________________________________________________________________

Address: _________________________________________________________________

Telephone Number: _______________________________________________________

Type of construction service to be provided: ___________________________________

________________________________________________________

Signature: _______________________________________________________________

Title: ________________________________________________________________

Date: ________________________________________________________________
# Appendix I – Grading and Stabilization Activities Log

**Project Name:**

**SWPPP Contact:**

<table>
<thead>
<tr>
<th>Date Grading Activity Initiated</th>
<th>Description of Grading Activity</th>
<th>Date Grading Activity Ceased (Indicate Temporary or Permanent)</th>
<th>Date When Stabilization Measures are Initiated</th>
<th>Description of Stabilization Measure and Location</th>
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Appendix J – SWPPP Training Log

Stormwater Pollution Prevention Training Log

Project Name:

Project Location:

Instructor’s Name(s):

Instructor’s Title(s):

Course Location: _______________________________ Date: __________________

Course Length (hours): __________________________

Stormwater Training Topic: (check as appropriate)

☐ Erosion Control BMPs    ☐ Emergency Procedures
☐ Sediment Control BMPs    ☐ Good Housekeeping BMPs
☐ Non-Stormwater BMPs

Specific Training Objective: ________________________________________________

Attendee Roster: (attach additional pages as necessary)

<table>
<thead>
<tr>
<th>No.</th>
<th>Name of Attendee</th>
<th>Company</th>
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<tbody>
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Appendix K – Delegation of Authority Form

Delegation of Authority

I, _________________________ (name), hereby designate the person or specifically described position below to be a duly authorized representative for the purpose of overseeing compliance with environmental requirements, including the Construction General Permit, at the __________________________ construction site. The designee is authorized to sign any reports, stormwater pollution prevention plans and all other documents required by the permit.

________________________________________ (name of person or position)
________________________________________ (company)
________________________________________ (address)
________________________________________ (city, state, zip)
________________________________________ (phone)

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in ____________________________________ (Reference State Permit), and that the designee above meets the definition of a “duly authorized representative” as set forth in ____________________________________ (Reference State Permit).

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 assure that qualified personnel properly gathered and evaluated 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: ___________________________________________

Company: _______________________________________

Title: __________________________________________

Signature: _______________________________________

Date: ___________________________________________