

## **SWPPP Appendices**

Ensure the following documentation is attached to the SWPPP:

**Appendix A: SWPPP Site Maps**

**Appendix B: Common Plan Permit**

**Appendix C: Notice of Intent (NOI), and a copy of the NOT form unless you plan to terminate the permit on-line**

**Appendix D: Daily Site Check Log**

**Appendix E: Inspection Reports and Corrective Actions**

**Appendix F: Additional Information (i.e. permits such as local permits, dewatering, stream alteration, wetland, and out of date SWPPP documents, delegation of authority forms, etc.)**

**Appendix G: BMP Specifications and Details (label BMPs to match the sections identified in this document.)**

## **APPENDIX A: SWPPP Site Maps**

Insert Site Plan Here



## **APPENDIX B: Common Plan Permit**

Find the permit on <https://deq.utah.gov/Permits/water/updes/stormwatercon.htm>

Insert first page of permit here

**General Permit for Storm Water Discharges from Construction Activities**

STATE OF UTAH, DEPARTMENT OF ENVIRONMENTAL QUALITY,  
DIVISION OF WATER QUALITY

General Storm Water Permit for Construction Activity  
Connected with Single Lot Housing Projects  
Utah Pollution Discharge Elimination System Permit No. UTRH00000  
(Common Plan Permit)

This Permit is issued in compliance with the provisions of the Utah Water Quality Act (Utah Code Annotated 19-5, as amended) the federal Water Pollution Control Act (33 United States 1251 et. seq., as amended by the Water Quality Act of 1987, Public Law 100-4), and the rules and Regulations made pursuant to those statutes.

This permit applies to "construction activity" for a single lot disturbing a total of one acre or less and for construction activities related to residential dwellings. A single lot covered by this permit is part of a common plan of development or sale (see definitions in Part 6).

Issuance of this permit does not authorize any permittee to violate water quality standards. The permittee shall develop best management practices (BMPs) and engage in activities that will protect water quality during the construction project.

This permit shall become effective on February 1, 2016.

This permit and the authorization to discharge expire at midnight on January 31, 2021.

Signed this 20 day of January, 2016



Walter L. Baker, P.E.

Director



DWQ-2016-002081

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## **APPENDIX C: Notice of Intent and Termination.**

Find the Notice of Termination Form at

<https://deg.utah.gov/Permits/water/updes/stormwatercon.htm>

However, termination of the project can be done on-line at <https://secure.utah.gov/stormwater>

(You must log in using the same username that you applied for your NOI with. If you completed a paper NOI you must complete a paper NOT.)

Insert copy of NOI here be sure the NOI is signed

STATE OF UTAH, DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WATER QUALITY  
 195 North 1950 West, P.O. Box 144870, Salt Lake City, Utah 84114-4870 (801) 536-4300

**NOI**

Notice of Intent (NOI) for Storm Water Discharges Associated with Construction Activity Under the UPDES General Permit UTRH87725  
**SEE REVERSE FOR INSTRUCTIONS**

Submission of this Notice of Intent constitutes notice that the party(s) identified in Section I of this form intends to be authorized by UPDES General Permit No. UTRH87725 issued for storm water discharges associated with construction activity in the State of Utah. Becoming a permittee obligates such discharger to comply with the terms and conditions of the permit. ALL NECESSARY INFORMATION MUST BE PROVIDED ON THIS FORM.

<b>PERMIT PERIOD</b>	Permit Start Date: 07/17/2018      Permit Expiration Date: 06/30/2019
<b>PERMIT TYPE</b>	Construction General Permit (CGP, this permit covers any construction project): ..... <input type="checkbox"/> Common Plan Permit (this only covers single lot residential construction disturbing less than an acre): ..... <input checked="" type="checkbox"/>
Is this NOI seeking continuation for previously expired permit coverage at the same site?    Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	If yes, what is the number of the previous permit coverage? Permit No. UTR

**I. OWNER INFORMATION**

Owner Name: Pineview Builders      Phone: 801-301-8653  
 Address: 4529 W Hidden Valley Rd      Status of Owner: PRIVATE  
 City: MORGAN      State: UT      Zip: 84050  
 Contact Person: Mike Workman      Phone: 801-301-8653

**GENERAL CONTRACTOR:** Pineview Builders      Phone: 801-301-8653  
 Address: 4529 W Hidden Valley Rd      Status of General Contractor: PRIVATE  
 City: MORGAN      State: UT      Zip: 84050  
 Contact Person: Mike Workman      Phone: 801-301-8653

<b>II. FACILITY SITE / LOCATION INFORMATION</b>	Is the facility located in Indian Country?
Name: Burt Home	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Project No. (if any):	
Address: 1034 South 9150 East	County: WEBER
City: HUNTSVILLE	State: UT      Zip: 84317
Latitude: 41.2481348      Longitude: -111.728858	
Method (check one): <input type="checkbox"/> USGS Topo Map, Scale <input type="checkbox"/> EPA Web site <input checked="" type="checkbox"/> GPS <input type="checkbox"/> Other	

**III. SITE INFORMATION**

Municipal Separate Storm Sewer System (MS4) Operator Name: Weber County

Receiving Water Body: South Branch South Fork Ogden River guess this is known  this is a guess  (see <http://wq.deq.utah.gov/>)

Estimate of distance to the nearest water body? 3 miles      ft.       miles.

Is the receiving water an impaired or high quality water body (see <http://wq.deq.utah.gov/>)?    Yes     No

List the Number of any other UPDES permits at the site:

**IV. THIS SECTION IS ONLY FOR PROJECTS INVOLVED IN DEVELOPMENT OF A SUBDIVISION.**  
 List the lots proposed for the development (please add another sheet of paper if there is not enough room to list all lots).

Lot #7 Silver Summit Subdivision





**APPENDIX D: Daily Self-Inspection Log (permit part 3.2.2).**





## **APPENDIX E: Inspection Reports**

**Add reports each week**



## **APPENDIX F: Additional Information**

**For permits such as local permits, dewatering, stream alteration, wetland, and out of date SWPPP documents, delegation of authority forms, etc.**

Delegation of Authority

I, Ron Burt, 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 Common Plan Permit, at the Lot #7, Silver Summit Estates construction site. The designee is authorized to sign any reports, stormwater pollution prevention plans and all other documents required by the permit.

\_\_\_Mike Workman\_\_\_ (name of person or position)

\_\_\_Pineview Builders, Inc. \_\_\_ (company)

\_\_\_4529 W. Hidden Valley Road\_ (address)

\_\_\_Morgan, UT 84050 \_\_\_ (city, state, zip)

\_\_\_801-301-8653 \_\_\_ (phone)

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in the Storm Water Pollution Prevention Plan - Common Plan Permit (Reference State Permit), and that the designee above meets the definition of a "duly authorized representative" as set forth in Storm Water Pollution Prevention Plan - Common Plan Permit (Reference State Permit).

It is my understanding the any bare ground to be left for a long period before landscaping needs to be stabilized against erosion. Downstream catch basins that are sandbagged or have filter inserts will have to be maintained until landscaping is completed and then removed by the owner along with any other BMP's silt fences, berms, wattles, etc. If the finished landscaping will not occur within the one-year NOI permit period, the owner will have to renew such and or extend it until an NOT (Notice of Termination) can be issued, hen the landscaping is established.

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: Ronald P. Burt

Company: MWV

Title: OWA

Signature: Ronald P. Burt

Date: July 30, 2018

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Delegation of Authority

I, Michael R. Workman, 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 Common Plan Permit, at the Lot #7, Silver Summit Estates construction site. The designee is authorized to sign any reports, stormwater pollution prevention plans and all other documents required by the permit.

Jan Swift (name of person or position)

Pineview Builders, Inc. (company)

4529 W. Hidden Valley Road (address)

Morgan, UT 84050 (city, state, zip)

801-301-8653 (phone)

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in the Storm Water Pollution Prevention Plan - Common Plan Permit (Reference State Permit), and that the designee above meets the definition of a "duly authorized representative" as set forth in Storm Water Pollution Prevention Plan - Common Plan Permit (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: Michael R. Workman

Company: Pineview Builders Inc.

Title: Pres.

Signature: Michael R. Workman

Date: 7-19-18

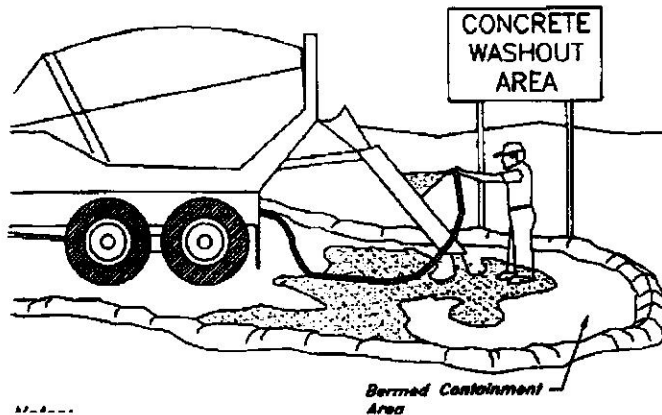


## **APPENDIX G: BMP Specifications and Details**

**Label BMPs to match the sections identified in this document.**

**BMP: Concrete Waste Management**

**CWM**



**DESCRIPTION:**

Prevent or reduce the discharge of pollutants to storm water from concrete waste by conducting washout off-site, performing on-site washout in a designated area, and training employees and subcontractors.

**APPLICATION:**

This technique is applicable to all types of sites

**INSTALLATION / APPLICATION CRITERIA:**

- Store dry materials under cover, away from drainage areas
- Minimize excess mixing of fresh concrete, mortar or cement on site
- Do not wash out concrete trucks into storm drains, open ditches, streets, or streams
- Do not allow excess concrete to be dumped on-site, except in designated areas
- When washing concrete to remove fine particles and expose the aggregate, avoid creating runoff by draining the water within a bermed or level area (6" tall X 6' wide)
- Train employees and subcontractors in proper concrete waste management

**LIMITATIONS:**

- Off-site washout or concrete wastes may not always be possible

**MAINTENANCE:**

- Inspect subcontractors to ensure that concrete wastes are being properly managed
- If using a temporary pit, dispose of hardened concrete on a regular basis

**OBJECTIVES**

- Housekeeping Practices
- Contain Waste
- Minimize Disturbed Areas
- Stabilize Disturbed Areas
- Protect Slopes/Channels
- Control Site Perimeter
- Control Internal Erosion

**TARGETED POLLUTANTS**

**H M L**

- |                                     |                          |                                     |                     |
|-------------------------------------|--------------------------|-------------------------------------|---------------------|
| <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Sediment            |
| <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Nutrients           |
| <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Heavy Metals        |
| <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Toxic Materials     |
| <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Oil & Grease        |
| <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Floatable Materials |
| <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Bacteria & Viruses  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | Other Waste         |

**IMPLEMENTATION REQUIREMENTS**

**H M L**

- |                          |                                     |                                     |                |
|--------------------------|-------------------------------------|-------------------------------------|----------------|
| <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Capital Costs  |
| <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | O&M Costs      |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Maintenance    |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Training       |
| <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Staffing       |
| <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Administrative |

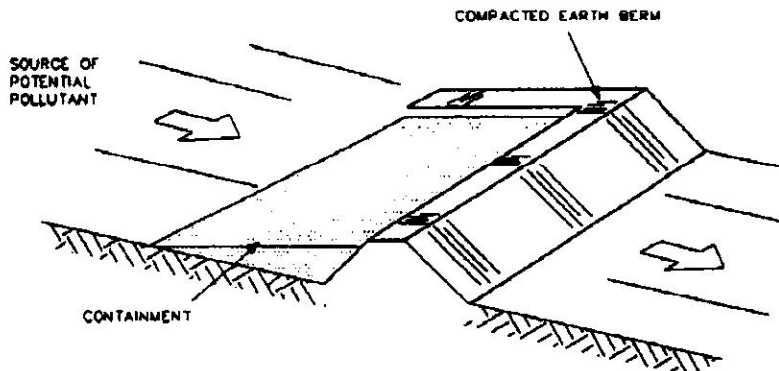
H = High M = Medium L = Low



1500 East 650 North  
Fruit Heights, UT 84037

# BMP: Earth Berm Barrier

**EBB**



## OBJECTIVES

- Housekeeping Practices
- Contain Waste
- Minimize Disturbed Areas
- Stabilize Disturbed Areas
- Protect Slopes/Channels
- Control Site Perimeter
- Control Internal Erosion

## TARGETED POLLUTANTS

### H M L

- Sediment
- Nutrients
- Heavy Metals
- Toxic Materials
- Oil & Grease
- Floatable Materials
- Bacteria & Viruses
- Other Waste

## IMPLEMENTATION REQUIREMENTS

### H M L

- Capital Costs
- O&M Costs
- Maintenance
- Training
- Staffing
- Administrative

H = High M = Medium L = Low

## DESCRIPTION:

A temporary containment control constructed of compacted soil.

## APPLICATION:

- Construct around waste and materials storage area
- Construct around staging and maintenance areas
- Construct around vehicle parking and servicing areas

## INSTALLATION / APPLICATION CRITERIA:

- Construct an earthen berm down hill of the area to be controlled. The berm should surround fueling facilities and maintenance areas on three sides to provide containment
- Berm needs to sized for application and be compacted by compactor equipment

## LIMITATIONS:

- Not effective on steep slopes
- Limits access to controlled area
- Personnel need to quickly respond to spills with remedial actions

## MAINTENANCE:

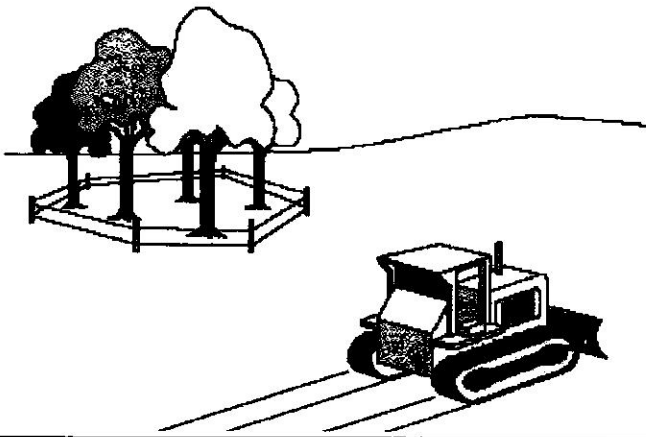
- Observe daily for any non-stormwater discharge
- Look for runoff bypassing ends of berms or undercutting berms
- Repair or replace damaged areas of the berm and remove accumulated sediment
- Recompact soil around berm as necessary to prevent piping



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**BMP:**

**PEV**



**DESCRIPTION:**

Carefully planned preservation of existing vegetation minimizes the potential of removing or injuring existing trees, vines, shrubs and/or grasses that serve as erosion controls.

**APPLICATION:**

This technique is applicable to all types of sites. Areas where preserving vegetation can be particularly beneficial are floodplains, wetlands, stream banks, steep slopes, and other areas where erosion controls would be difficult to establish, install, or maintain.

**INSTALLATION / APPLICATION CRITERIA:**

- Clearly mark, flag or fence vegetation or areas where vegetation should be preserved.
- Prepare landscaping plans which include as much existing vegetation as possible and state proper care during and after construction.
- Define and protect with berms, fencing, signs, etc. a setback area from vegetation to be preserved.
- Propose landscaping plans which do not include plant species that compete with the existing vegetation.
- Do not locate construction traffic routes, spoil piles, etc. where significant adverse impact on existing vegetation may occur.

**LIMITATIONS:**

- Requires forward planning by the owner/developer, contractor and design staff.
- For sites with diverse topography, it is often difficult and expensive to save existing trees while grading the site satisfactorily for the planned development.
- May not be cost effective with high land costs.

**MAINTENANCE:**

- Inspection and maintenance requirements for protection of vegetation are low.
- Maintenance of native trees or vegetation should conform to landscape plan specifications.

**OBJECTIVES**

- Housekeeping Practices
- Contain Waste
- Minimize Disturbed Areas
- Stabilize Disturbed Areas
- Protect Slopes/Channels
- Control Site Perimeter
- Control Internal Erosion

**TARGETED POLLUTANTS**

**H M L**

- Sediment
- Nutrients
- Heavy Metals
- Toxic Materials
- Oil & Grease
- Floatable Materials
- Bacteria & Viruses
- Other Waste

**IMPLEMENTATION REQUIREMENTS**

**H M L**

- Capital Costs
- O&M Costs
- Maintenance
- Training
- Staffing
- Administrative

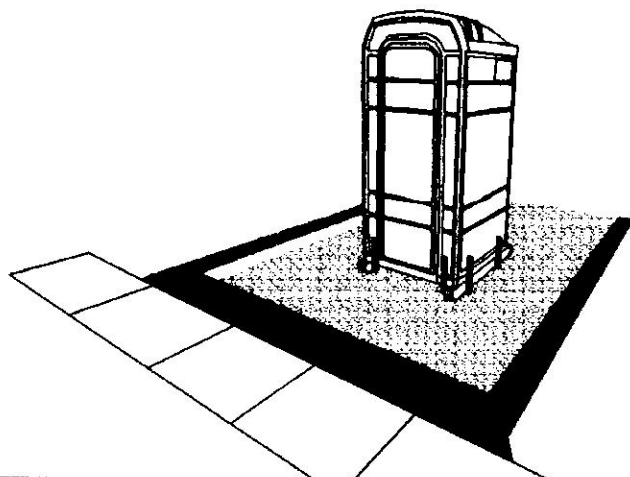
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**BMP: Portable Toilet**

**PT**



**OBJECTIVES**

- Housekeeping Practices
- Contain Waste
- Minimize Disturbed Areas
- Stabilize Disturbed Areas
- Protect Slopes/Channels
- Control Site Perimeter
- Control Internal Erosion

**TARGETED POLLUTANTS**

**H M L**

- Sediment
- Nutrients
- Heavy Metals
- Toxic Materials
- Oil & Grease
- Floatable Materials
- Bacteria & Viruses
- Other Waste

**DESCRIPTION:**

Temporary on-site sanitary facilities for construction personnel.

**APPLICATION:**

All sites with no permanent sanitary facilities or where permanent facility is too far from activities.

**INSTALLATION / APPLICATION CRITERIA:**

- Locate portable toilets in a convenient locations throughout the site
- Prepare level, gravel surface and provide clear access to the toilets for servicing and for on-site personnel
- Construct earth berm perimeter (see Earth Berm Barrier Sheet), control for spill / leak protection.
- Anchor the portable toilet to prevent tipping

**LIMITATIONS:**

No limitations

**MAINTENANCE:**

- Portable toilets should be maintained in good working order by licensed service with daily observation for leak detection
- Regular waste collection should be arranged with licensed service
- All waste should be deposited in sanitary sewer system for treatment with appropriate agency approval

**IMPLEMENTATION REQUIREMENTS**

**H M L**

- Capital Costs
- O&M Costs
- Maintenance
- Training
- Staffing
- Administrative

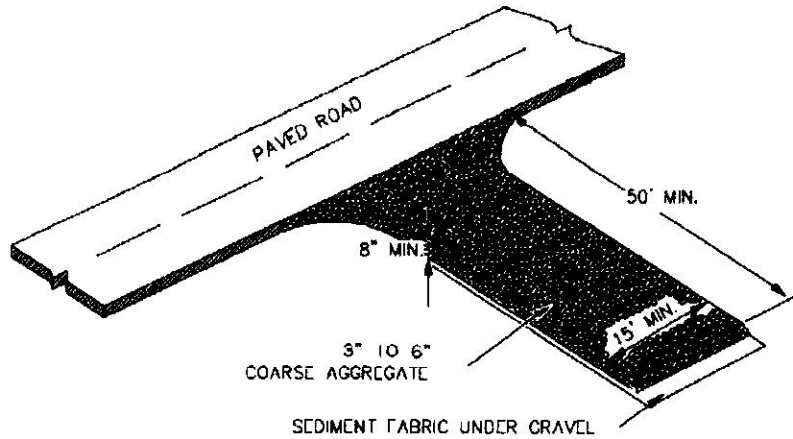
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# BMP: Stabilized Construction Entrance

**SCE**



## OBJECTIVES

- Housekeeping Practices
- Contain Waste
- Minimize Disturbed Areas
- Stabilize Disturbed Areas
- Protect Slopes/Channels
- Control Site Perimeter
- Control Internal Erosion

## TARGETED POLLUTANTS

### H M L

- Sediment
- Nutrients
- Heavy Metals
- Toxic Materials
- Oil & Grease
- Floatable Materials
- Bacteria & Viruses
- Other Waste

## IMPLEMENTATION REQUIREMENTS

### H M L

- Capital Costs
- O&M Costs
- Maintenance
- Training
- Staffing
- Administrative

H = High M = Medium L = Low

## DESCRIPTION:

A stabilized pad of crushed stone located where construction traffic enters or leaves the site from or to paved surface.

## APPLICATION:

At any point of ingress and egress at a construction site where adjacent traveled way is paved. Generally applies to sites over 2 acres unless special conditions exist.

## INSTALLATION / APPLICATION CRITERIA:

- Clear and grub area and grade to provide maximum slope of 2%
- Compact subgrade and place filter fabric if desired (recommended for entrances to remain for more than 3 months)
- Place coarse aggregate, 3-6 inches in size, to a minimum depth of 8 inches

## LIMITATIONS:

- Requires periodic top dressing with additional stones
- Should be used in conjunction with street sweeping on adjacent public right-of-way

## MAINTENANCE:

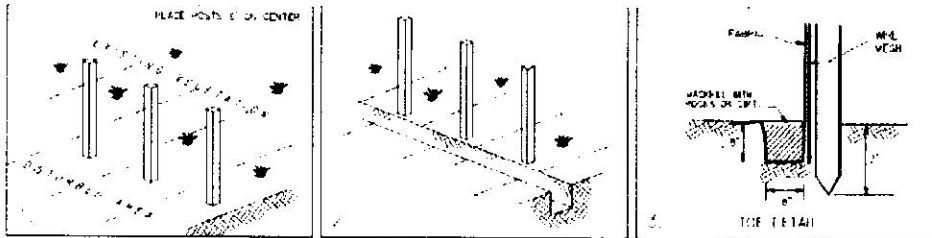
- Inspect daily for loss of gravel or sediment buildup
- Inspect adjacent roadway for sediment deposit and clean by sweeping or shoveling
- Repair entrance and replace gravel as required to maintain control in good working condition
- Expand stabilized area as required to accommodate traffic and prevent erosion at driveways



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# BMP: Silt Fence

SF



## OBJECTIVES

- Housekeeping Practices
- Contain Waste
- Minimize Disturbed Areas
- Stabilize Disturbed Areas
- Protect Slopes/Channels
- Control Site Perimeter
- Control Internal Erosion

## TARGETED POLLUTANTS

### H M L

- Sediment
- Nutrients
- Heavy Metals
- Toxic Materials
- Oil & Grease
- Floatable Materials
- Bacteria & Viruses
- Other Waste

## IMPLEMENTATION REQUIREMENTS

### H M L

- Capital Costs
- O&M Costs
- Maintenance
- Training
- Staffing
- Administrative

H = High M = Medium L = Low

## DESCRIPTION:

A temporary sediment barrier consisting of entrenched filter fabric stretched across and secured to supporting posts.

## APPLICATION:

- Perimeter control: place barrier at downgradient limits of disturbance
- Sediment barrier: place barrier at toe of slope or soil stockpile
- Protection of existing waterways: place barrier at top of stream bank
- Inlet protection: place fence surrounding catch basins

## INSTALLATION / APPLICATION CRITERIA:

- Place posts 6' apart on center along contour (or use preassembled unit) and drive 2' minimum into ground. Excavate an anchor trench immediately up gradient of posts
- Cut fabric to require width, unroll along length of barrier and drape over barrier. Secure fabric to mesh with twine, staples, or similar, with trailing edge extending into anchor trench
- Backfill trench over fabric to anchor
- Fabric must have 85% minimum sediment removal efficiency

## LIMITATIONS:

- Recommended maximum drainage area of 0.5 acre per 100 feet
- Recommended maximum upgradient slope length of 150'
- Recommended maximum uphill grade of 2:1 (50%)
- Recommended maximum flow rate of 0.5 cfs
- Ponding should not be allowed behind fence

## MAINTENANCE:

- Inspect immediately after any rainfall and at least daily during prolonged rainfall
- Look for runoff bypassing ends of barriers or undercutting barriers
- Repair or replace damaged areas of the barrier and remove accumulated sediment
- Reanchor fence as necessary to prevent shortcutting
- Remove accumulated sediment when it reaches 1/2 the height of the fence



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# BMP: Street Sweeping

SS



## OBJECTIVES

- Housekeeping Practices
- Contain Waste
- Minimize Disturbed Areas
- Stabilize Disturbed Areas
- Protect Slopes/Channels
- Control Site Perimeter
- Control Internal Erosion

## TARGETED POLLUTANTS

### H M L

- Sediment
- Nutrients
- Heavy Metals
- Toxic Materials
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- Floatable Materials
- Bacteria & Viruses
- Other Waste

## IMPLEMENTATION REQUIREMENTS

### H M L

- Capital Costs
- O&M Costs
- Maintenance
- Training
- Staffing
- Administrative

H = High M = Medium L = Low

## DESCRIPTION:

Prevent sediment from entering storm water by sweeping the streets near construction activities.

## APPLICATION:

- Useful for any paved streets near construction sites where sediment is blown, tracked, or spilled onto the streets.

## INSTALLATION / APPLICATION CRITERIA:

- The equipment used should be appropriate for the conditions. Vacuum sweepers work more effectively when the area is dry. Brush sweepers work better when the sediment is wet or stuck to the surface.
- Mechanical equipment should be operated and maintained according to the manufacturer's recommendations

## LIMITATIONS:

- Is labor and equipment intensive
- May cause dust

## MAINTENANCE:

- The street should be checked daily for any sediment deposits. Street sweeping should be implemented whenever sediment from construction activity is found on the streets

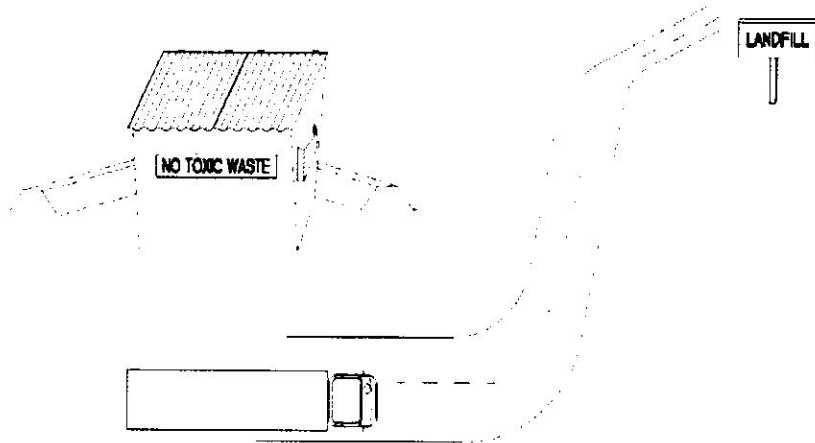


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**BMP: Waste Disposal**

**WD**



**DESCRIPTION:**

Controlled storage and disposal of solid waste generated by construction activities.

**APPLICATION:**

All construction sites

**INSTALLATION / APPLICATION CRITERIA:**

- Designate one or several waste collection areas with easy access for construction vehicles and personnel. Ensure no waterways or storm drainage inlets are located near the waste collection areas.
- Construct compacted earthen berm (See Earth Berm Barrier Information Sheet), or similar perimeter containment around collection area for impoundment in the case of spills.
- Ensure all on site personnel are aware of and utilize designated waste collection area properly and for intended use only (e.g. all toxic, hazardous, or recyclable materials shall be properly disposed of separately from general construction waste).
- Arrange for periodic pickup, transfer and disposal of collected waste at an authorized disposal location. Include regular Porto-potty service in waste management activities.

**LIMITATIONS:**

- On-site personnel are responsible for correct disposal of waste

**MAINTENANCE:**

- Discuss waste management procedures at progress meetings
- Collect site trash daily and deposit in containers at designated collection areas
- Randomly check disposed materials for any unauthorized waste (e.g. toxic materials).

**OBJECTIVES**

- Housekeeping Practices
- Contain Waste
- Minimize Disturbed Areas
- Stabilize Disturbed Areas
- Protect Slopes/Channels
- Control Site Perimeter
- Control Internal Erosion

**TARGETED POLLUTANTS**

**H M L**

- Sediment
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- Other Waste

**IMPLEMENTATION REQUIREMENTS**

**H M L**

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