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(This SWPPP Template is for the **Common Plan** Permit Only, and  
does **NOT** address SWPPP requirements found in the CGP.)

## Common Plan SWPPP for

**Subdivision Name:** \_\_\_\_\_

Project Address: \_\_\_\_\_

Washington, Utah, 84780

## Owner/Contractor Street Address

Owner Street Address: \_\_\_\_\_

Owner City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

## Contractor Name (if not the same as Owner)

Contractor Street Address: \_\_\_\_\_

Contractor City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

SWPPP Preparation Date \_\_\_\_\_.

SWPPP Reviewed By \_\_\_\_\_ Signature: \_\_\_\_\_

SWPPP Review Date \_\_\_\_\_.



## 1. Project Information

Subdivision Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: Washington

State: UT

Zip: 84780

Lot Number \_\_\_\_\_

UPDES Permit Tracking Number: \_\_\_\_\_

Owner \_\_\_\_\_

Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

General Contractor: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Is the project is not in Indian Country?

No
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The project is in a residential area on a single lot and disturbing one acre or less?

Yes
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**Select A,B,C or Own Site Plan (Please refer to Appendix A at the end of the document)**

- Site Plan TYPE "A" Front & Side Erosion Plan**
- Site Plan TYPE "B" Front & Rear Erosion Plan**
- Site Plan TYPE "C" Front Erosion Plan**
- Owner Provided Site Plan**

## 2. Pollution Sources/Best Management Practices

2.1 Is there a SWPPP sign on site? (see permit part 1.10) Required

*The sign must include the UPDES tracking number, the owner or general contractor name, phone number and email, and if the SWPPP is on-line, instructions on how to view it. The size requirement is to be readable from a publicly accessible point.*

2.4 Is it possible for the total area of disturbance to be phased, minimizing the total exposure of disturbed soil at one time? (see permit part 2.3.1) Yes  No

2.5 What perimeter controls will be used to prevent sediment from leaving the site? (permit part 2.1.2 & 2.3)

BMP(s):  Silt Fence  Berms  
 Staked straw Wattles (Fiber Rolls)  Cut-Back-Curb  
 Other: Broom & Shovel to keep the Road,Curb&Gutter,Sidewalk clean.

2.8 What track out control will be used to prevent dirt from being tracked on streets as vehicles leave the site? (see permit part 2.4.1)

BMP(s):  Track Out Pad  
 Other: All subs park on the streets and ally ways

2.7 Are there critical or sensitive areas (such as preservation of the drip lines around trees, wetlands, buffer zones by water bodies, etc.) located on or adjacent to the site? (see permit part 2.2) Yes  No

BMP(s):  Separate and isolate with environmental fencing  
 Other: \_\_\_\_\_

2.9 Do you have storm drain inlets on or down gradient of this site? (see permit part 2.1.3) Yes  No

*Protection must address the curb inlet opening (throat) as well as the grate.*

Where is/are the nearest downstream inlet(s) and how will you protect them:

- BMP(s):       Rock/Sand-filled Bags                       Straw filled Wattles  
                    Filter Fabric  
                    Other: \_\_\_\_\_

2.10 Will curb ramps be used at the site? (see permit part 2.4.2)                      Yes               No

*If curb ramps are used it must be done with material [NOT DIRT] that will not wash away in storm water.*

- BMP(s):       Wood Ramps     Steel Ramps

2.11 Will there be stockpiles or spoil piles on the site?                                      Yes               No

*Note: Select "Contained by other BMP" if another BMP on your site will contain runoff from the stockpiles. Materials that can be transported with precipitation must not be placed in the street. (see permit part 2.1.1)*

- BMP(s):       Surrounded by Staked Straw Wattles  
  
                    Contained by other BMP. Explain:  
                    Other: \_\_\_\_\_

2.12 Does the project include installation of concrete, masonry, stucco, and paint (water based) work in this project? (see permit part 2.4.5 & 2.9.1)                      Yes               No

*Wash water must be contained, the solids dried, and disposed of at a landfill.*

- BMP(s):       Washout Kid pool     Steel Dumpster  
                    Regional Washout (per development)               5 or 10 gallon buckets  
                    Other: \_\_\_\_\_

2.13 How will solid waste be dealt with on the site? (see permit part 2.4.3)

*Light trash in uncovered dumpsters can blow out and scatter with wind and rain may fall on uncovered leachable material in the dumpster and leak out the bottom causing pollutants to escape.*

- BMP(s):       Bag Lightweight Trash     Leak Proof Dumpsters  
                    Receptacles with Lids     Other: \_\_\_\_\_

**2.14 Will there be a need to dispose of solvents, oil, fuel, etc. liquid waste?** (see permit part 2.9) Yes  No

**BMP(s):**  Contained and Removed from the site  Collected for Reuse  
 Other: \_\_\_\_\_

**2.15 How will sanitary waste be handled on the site?** (see permit part 2.4.4)

**BMP(s):**  Portable Toilet(s) (*must be staked down on dirt surface & 10' from curb*)  
 Other: \_\_\_\_\_

**2.16 How will you minimize the discharge of pollutants from spills and leaks?** (see permit part 2.8.3)

**BMP(s):**  Use of drip pans  Spill response plan.  
 Spill kit  Other:

**2.17 Will there be a need to store construction materials on site?** (see permit 2.8.2) Yes  No

**Minimize the exposure of materials with a pollution risk (certain building and landscaping materials, fertilizers, pesticides, herbicides, detergents).**

**BMP(s):**  Stored off-site  Other: \_\_\_\_\_

**2.21 Is there a need for dust control on the site (regulatory or for practical reasons)?** Yes  No

**BMP(s):**  Wetting with Water  
 Other: \_\_\_\_\_

### 3. Sequence of Construction Activity

Example Date Range: (10-05-2019 - 11-25-2019)

Type of Construction Activity	Approximate Date Range
Start/End of the Project	
Excavation activities	
Plumbing connection	
Electrical connection	
Concrete foundation & flat work	
Backfill foundation	
Gas utilities	
Framing House & set truss's	
Roofing installation	
Drywallers & Tappers	
Tile Installers	
Painters	
Stucco Crews	
Block Wall Crews	
Landscaper	

## 4. Site Map (Refer to Appendix A)

On a blank page (or include a page from the architectural drawings that show site layout and dimensions), please draw a map (and place this map in Appendix A) showing the layout of the site including locations of:

1. boundaries of project/property
2. boundaries of disturbance (including areas outside of property boundaries)
3. show slopes on site (if there are steep areas show steep areas)
4. location of structures/facilities
5. locations of :
  - a. stockpiles for soils and materials
  - b. construction supplies
  - c. portable toilets
  - d. garbage/trash containers
  - e. egress points/track out pads
  - f. concrete washout pits or containers
6. water bodies, wetlands, natural vegetative buffers
7. placement of all BMPs, perimeter, erosion control, sediment control, inlet protection, etc.
8. storm water inlets and storm water discharge points (where storm water drains off the site)
9. areas that will be temporarily or permanently stabilized on the site Front yards and on corner lot the front corner area. (pick one or the other)
10. areas where disturbances will be delayed to minimize total exposed surface at one time.

## 5. Potential Sources of Pollutants

Potential sources of sediment to storm water 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 storm water 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, and so on.
- Construction Activity—paving, curb/gutter installation, concrete pouring/mortar/stucco, and building construction
- Concrete Washout Area

For all potential construction site pollutants, see Table 2 below.

Table 2. Potential construction site pollutants. Circle all that applies to your site and in the last column identify pollution prevention measures to minimize their discharge.

Material/Chemical	Storm Water Pollutants	Common Location*	Pollution Prevention Methods
Concrete	Limestone, sand, pH, chromium	Curb and gutter, building construction	
Paints	Metal oxides, Stoddard solvent, talc, calcium carbonate, arsenic	Building construction	
Wood preservatives	Stoddard solvent, petroleum distillates, arsenic, copper, chromium	Timber pads and building construction	
Hydraulic oil/fluids	Mineral oil	Leaks or broken hoses from equipment	
Gasoline	Benzene, ethyl benzene, toluene, xylene, MTBE	Secondary containment/staging area	
Diesel Fuel	Petroleum distillate, oil & grease, naphthalene, xylenes	Secondary containment/staging area	



Material/Chemical	Storm Water Pollutants	Common Location*	Pollution Prevention Methods
Antifreeze/coolant	Ethylene glycol, propylene glycol, heavy metals (copper, lead, zinc)	Leaks or broken hoses from equipment	
Sanitary toilets	Bacteria, parasites, and viruses	Staging area	

\*(Area where material/chemical is used on-site)

## 6. Spill Prevention and Response Plan

Describe the spill prevention and control plan to include ways to reduce the chance of spills, stop the source of spills, contain and cleanup spills, dispose of materials contaminated by spills, and train personnel responsible for spill prevention and control. Additionally, fill in all **BLUE** fields below.

Description:

### Spill Plan:

Each sub contractor/delivery supplier will be responsible for their own spill prevention plan and take the necessary steps for the prevention and control for this site.

Any discharges in 24 hours equal to or in excess of the reportable quantities listed in 40 CFR 117, 40 CFR 110, and 40 CFR 302 will be reported to the National Response Center and the Division of Water Quality (DWQ) as soon as practical after knowledge of the spill is known to the permittee. The permittee shall submit within 14 calendar days of knowledge of the release a written description of: the release (including the type and estimate of the amount of material released), the date that such release occurred, the circumstances leading to the release, and measures taken and/or planned to be taken to the Division of Water Quality (DWQ), 288 North 1460 West, P.O. Box 144870, Salt Lake City, Utah 84114-4870. The Storm Water Pollution Prevention Plan must be modified within 14 calendar days of knowledge of the release to provide a description of the release, the circumstances leading to the release, and the date of the release. In addition, the plan must be reviewed to identify measures to prevent the reoccurrence of such releases and to respond to such releases, and the plan must be modified where appropriate.

Minimum spill quantities requiring reporting:

Material	Media Released To	Reportable Quantity
Engine oil, fuel, hydraulic & brake fluid	Land	25 gallons
Paints, solvents, thinners	Land	100 lbs (13 gallons)
Engine oil, fuel, hydraulic & brake fluid	Water	Visible Sheen
Refrigerant	Air	1 lb
Antifreeze, battery acid, gasoline, engine degreasers	Air, Land, Water	100 lbs (13 gallons)

Emphasis to:

- 1<sup>st</sup> Priority: Protect all people (including onsite staff)
- 2<sup>nd</sup> Priority: Protect equipment and property
- 3<sup>rd</sup> Priority: Protect the environment

1. Make sure the spill area is safe to enter and that it does not pose an immediate threat to health or safety of any person.
2. Check for hazards (flammable material, noxious fumes, cause of spill) - if flammable liquid, turn off engines and nearby electrical equipment. If serious hazards are present leave area and call 911. LARGE SPILLS ARE LIKELY TO PRESENT A HAZARD.
3. Stop the spill source and contain flowing spills immediately with spill kits, dirt or other material that will achieve containment.
4. Call co-workers and supervisor for assistance and to make them aware of the spill and potential dangers
5. If spilled material has entered a storm sewer, regardless of containment; contact the City Storm Water Division.
6. Cleanup all spills (flowing or non-flowing) immediately following containment. Clean up spilled material according to manufacturer specifications, for liquid spills use absorbent materials AND DO NOT FLUSH AREA WITH WATER.
7. Properly dispose of cleaning materials and used absorbent material according to manufacturer specifications.
8. Report the reportable quantity to the City Storm Water Division.

**Emergency Numbers**

Utah Hazmat Response Officer 24 hrs (801)-538-3745  
 Washington City Fire Department (435)-673-4788  
 Washington City Police Department (435)-986-1515  
 Division of Water Quality ( DWQ)24-Hr Reporting (801)-231-1769 (801) 536-4123  
 Southwest Utah Public Health Department (435) 673-3528

## 7. SWPPP, Inspections and Corrective Action Reports

**Inspection Schedule and Procedures:** The permit requires inspections once a week (see permit Part 3). You must list and provide details of your BMPs in Appendix G. Inspection reports require reporting on BMPs and how effective they are (download inspection reports from the DWQ construction storm water website under the Common Plan Permit). You may be required to maintain, modify, remove, or apply/install more or different BMPs to control pollutants on the site. Please number your BMPs in Appendix G and refer to those numbers on your inspection reports and corrective action reports when you inspect or report on them.

Describe the general procedures for correcting problems when they are identified. Include responsible staff and time frames for making corrections:

**Inspections and Corrective Actions:** All inspections and corrective actions must be logged using the “Inspection/Correction Action Log” attached in Appendix E. The log should be filled out completely for each BMP.

## 8. Training of Sub-Contractors

All sub-contractors, installers of utility connections, and others that perform activities that are affected by permit requirements will be informed about permit requirements that pertain to their scope of work.

Sub-Contractors that have been informed:

Contractor	Date	Topic(s) Covered	Initials of Trainer
Excavator			
Gas utilities			
Plumbing connection			
Electrical connection			
Concrete foundation & flat work			
Framers			
Drywallers & Tappers			
Tile Installers			
Painters			
Stucco Crews			
Roofers			
Block Wall Crews			
Landscaper			

## 9. Changes to the SWPPP

All changes to this SWPPP must be redlined, dated, and initialed in the SWPPP document and on the site map.

## 10. Record Keeping

The following items should be kept at the project site available for inspectors to review:

1. A copy of the Common Plan Permit (Appendix B)
2. The signed and certified NOI form (Appendix C)
3. Inspection reports (Appendix E)

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## 11. Delegation of Authority (if any)

Duly Authorized Representatives or Positions:

Company Organization: \_\_\_\_\_

Name: \_\_\_\_\_

Position: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax/Email: \_\_\_\_\_

Owner/General Contractor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Additional Duly Authorized Representatives or Positions:

Company/Organization: \_\_\_\_\_

Name: \_\_\_\_\_

Position: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax/Email: \_\_\_\_\_

Owner/General Contractor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## 12. Discharge Information

Does your project/site discharge storm water into a Municipal Separate Storm Sewer System (MS4)? Yes

Municipal Storm Drain System receiving the discharge from the construction project:  
Washington City

Receiving Waters (look up <http://mapserv.utah.gov/surfacewaterquality/> to identify your receiving water body)

Enter the name(s) of the first surface water(s) that receives storm water directly from your site and/or from the MS4 listed above. **Note:** *multiple rows provided in the case that your site has more than one point of discharge in which each flows to different surface waters'*

**Please Choose Receiving Waters from Drop Down**

Impaired Waters (refer to <http://mapserv.utah.gov/surfacewaterquality/> in the left hand column to determine status of receiving water body).

Select any impaired surface water(s) that your site will discharge to, either directly or through the MS4 selected above.

Impaired Surface Water	Impaired Surface Water	Impaired Surface Water	Impaired Surface Water	Impaired Surface Water
Virgin River	X Yes <input type="checkbox"/> No	Virgin River	X Yes <input type="checkbox"/> No	2360mg/l

### 13. Certification and Notification

I, Name \_\_\_\_\_, 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.

X

Construction Operator:

This SWPPP should be signed and certified by the construction operator(s).

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## **SWPPP Appendices**

Ensure the following documentation is attached to the SWPPP:

**Appendix A: SWPPP Site Maps A, B, C, or D (Own site plan)**

**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**

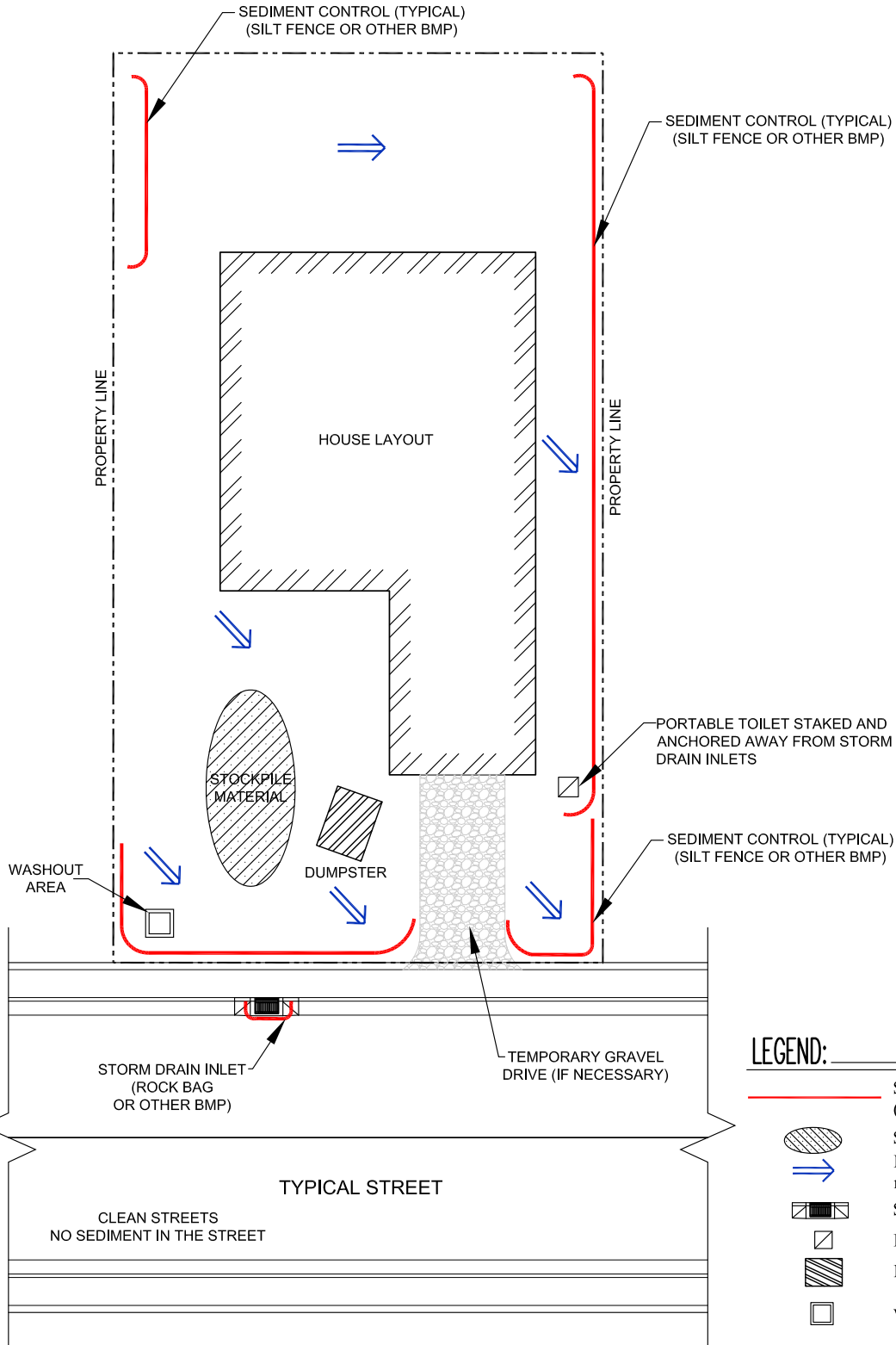
**Appendix F: Additional Information (i.e. permits such as local permits, dewatering, stream alteration, wetland, and out of date SWPPP documents, delegation of authority forms, etc.)**

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








# APPENDIX A: SWPPP Site Maps

## SITE PLAN FOR INDIVIDUAL LOTS TYPE "A" FRONT & SIDE EROSION PLAN

Not to Scale



### LEGEND:

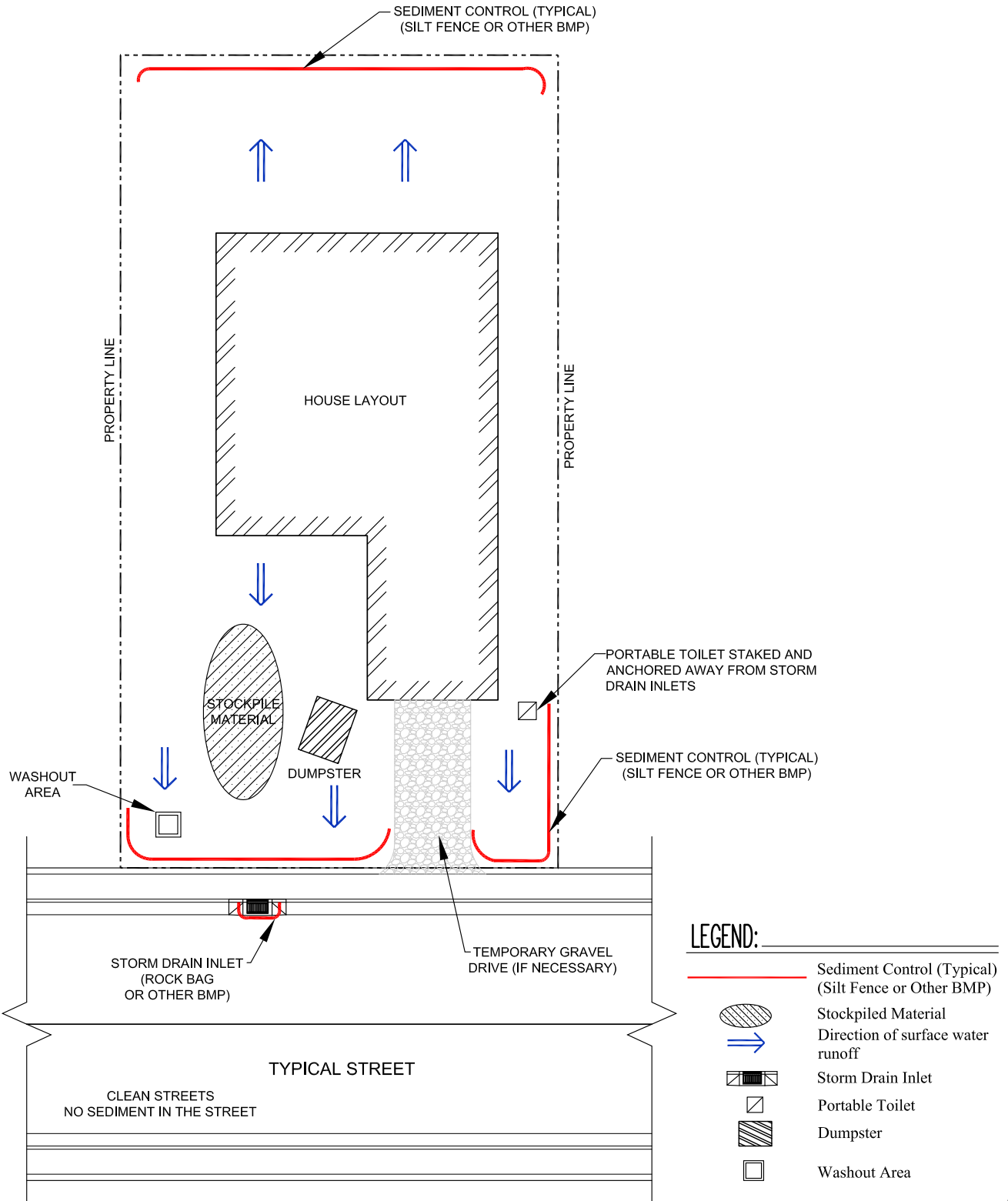
-  Sediment Control (Typical) (Silt Fence or Other BMP)
-  Stockpiled Material
-  Direction of surface water runoff
-  Storm Drain Inlet
-  Portable Toilet
-  Dumpster
-  Washout Area

DISCLAIMER: Washington City is not liable for the use or misuse of this site plan.



# SITE PLAN FOR INDIVIDUAL LOTS TYPE "B" FRONT & REAR EROSION PLAN

Not to Scale



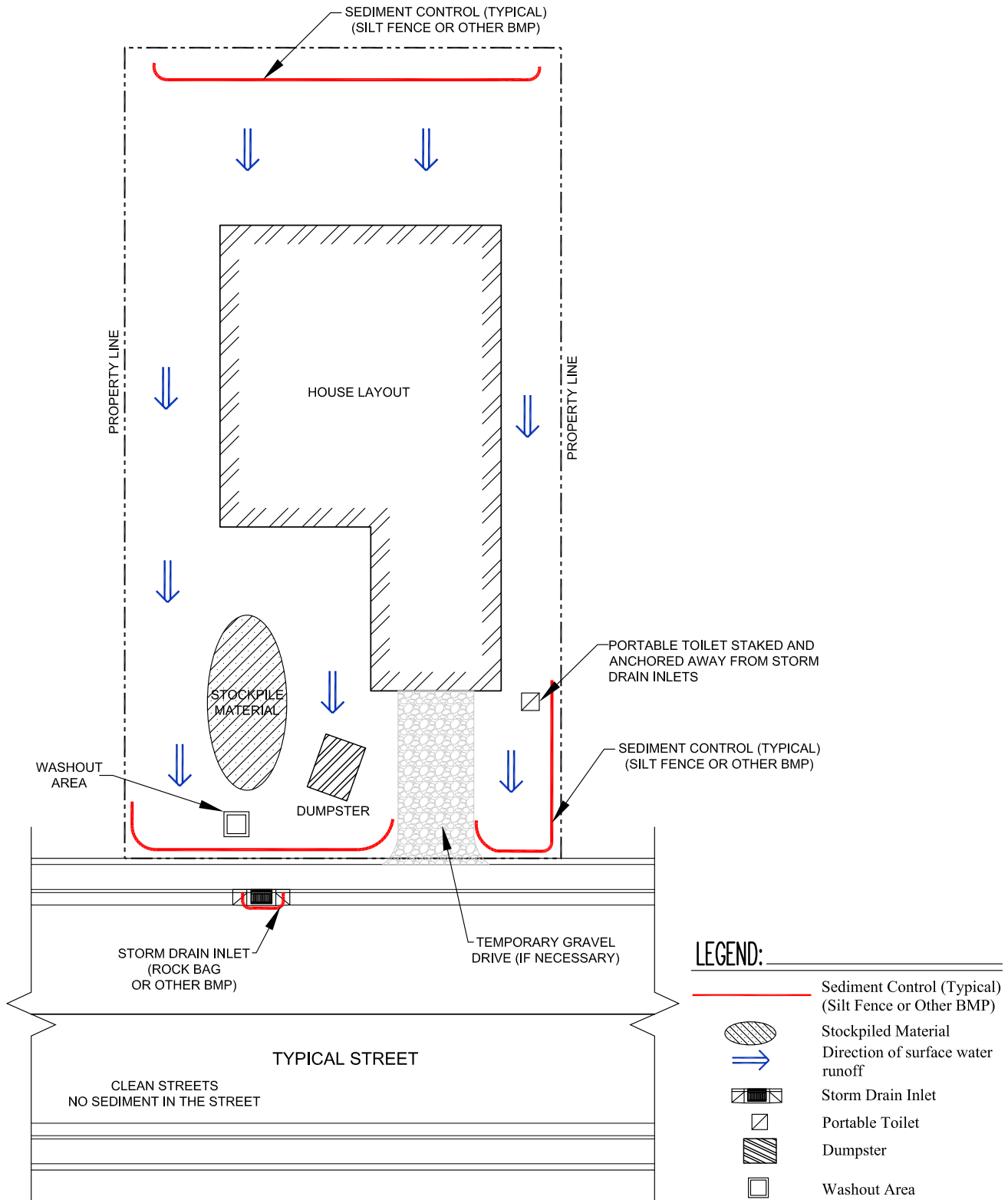
## LEGEND:

- Sediment Control (Typical) (Silt Fence or Other BMP)
- Stockpiled Material
- Direction of surface water runoff
- Storm Drain Inlet
- Portable Toilet
- Dumpster
- Washout Area

DISCLAIMER: Washington City is not liable for the use or misuse of this site plan.

# SITE PLAN FOR INDIVIDUAL LOTS TYPE "C" FRONT EROSION PLAN

Not to Scale



DISCLAIMER: Washington City is not liable for the use or misuse of this site plan.

## APPENDIX B: Common Plan Permit

Find the permit on <https://deq.utah.gov/legacy/permits/water-quality/utah-pollutant-discharge-elimination-system/storm-water-general-construction.htm>

## APPENDIX C: Notice of Intent and Termination.

Find the Notice of Termination Form at <https://deq.utah.gov/legacy/permits/water-quality/utah-pollutant-discharge-elimination-system/storm-water-general-construction.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.)





## **APPENDIX F: Additional Information**

For permits such as local permits, building permit and out of date SWPPP documents, delegation of authority forms, etc.

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 Common Plan 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: \_\_\_\_\_

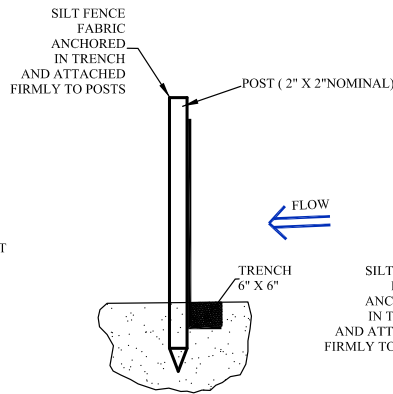
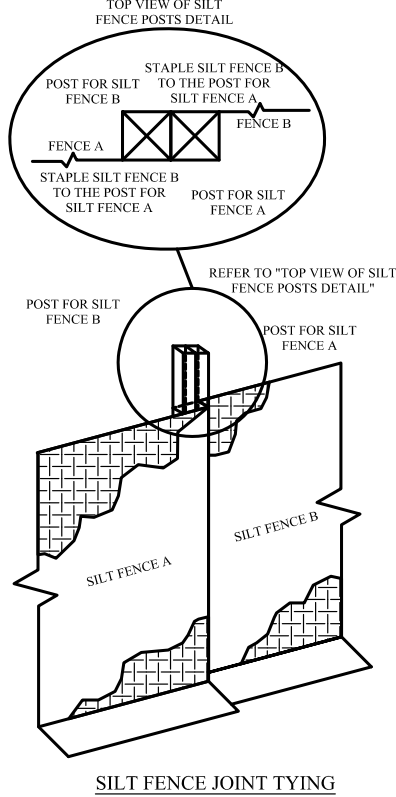
Date: \_\_\_\_\_



# APPENDIX G: BMP Specifications and Details

Label BMPs to match the sections identified in this document.

## SEDIMENT BARRIER INSTALLATIONS



### SILT FENCE

#### SILT FENCE NOTES:

#### INSTALLATION REQUIREMENTS

1. SILT FENCES SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITY.

2. WHEN JOINTS ARE NECESSARY, SILT FENCE GEOTEXTILE SHALL BE SPLICED TOGETHER ONLY AT SUPPORT POST AND SECURELY SEALED.

3. METAL POSTS SHALL BE "STUDDED TEE" OR "U" TYPE WITH MINIMUM WEIGHT OF 1.33 POUNDS PER LINEAR FOOT; WOOD POSTS SHALL HAVE A MINIMUM DIAMETER OR CROSS SECTION DIMENSION OF 2 INCHES.

4. THE FILTER MATERIAL SHALL BE FASTENED SECURELY TO METAL OR WOOD POSTS USING WIRE TIES, OR TO WOOD POSTS WITH 2" LONG #9 HEAVY-DUTY STAPLES. THE SILT FENCE GEOTEXTILE SHALL NOT BE STAPLED TO EXISTING TREES.

5. WHILE NOT REQUIRED, WIRE MESH FENCE MAY BE USED TO SUPPORT THE GEOTEXTILE, WIRE FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 2" LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND MORE THAN 3" ABOVE THE ORIGINAL GROUND SURFACE.

6. ALONG THE TOE OF FILLS, INSTALL THE SILT FENCE ALONG A LEVEL CONTOUR AND PROVIDE AN AREA BEHIND THE FENCE FOR RUNOFF TO POND AND SEDIMENT TO SETTLE A MINIMUM DISTANCE OF 5 FEET FROM THE TOE OF THE FILL IS RECOMMENDED.

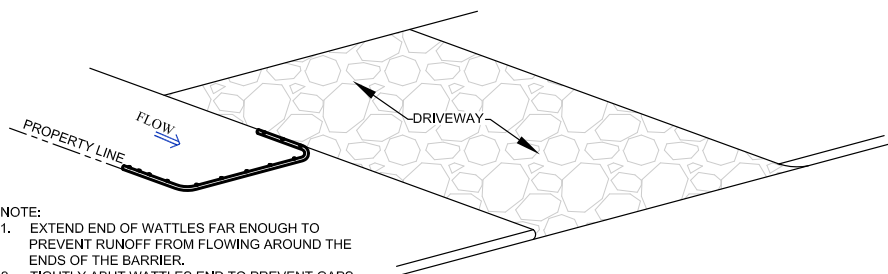
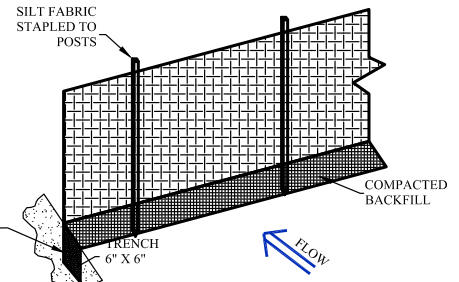
7. THE HEIGHT OF THE SILT FENCE FROM THE GROUND SURFACE SHALL BE A MINIMUM OF 24" AND SHALL NOT EXCEED 36"; HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF STRUCTURE.

#### MAINTENANCE REQUIREMENTS

1. CONTRACTOR SHALL INSPECT SILT FENCES IMMEDIATELY AFTER EACH RAINFALL, AT LEAST DAILY DURING PROLONGED RAINFALL, AND WEEKLY DURING PERIODS OF NO RAINFALL. DAMAGED, COLLAPSED, UNENTRENCHED OR INEFFECTIVE SILT FENCES SHALL BE PROMPTLY REPAIRED OR REPLACED.

2. SEDIMENT SHALL BE REMOVED FROM BEHIND SILT FENCE WHEN IT ACCUMULATES TO HALF THE EXPOSED HEIGHT.

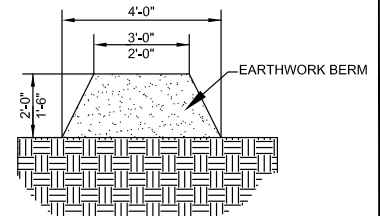
3. SILT FENCES SHALL BE REMOVED WHEN ADEQUATE VEGETATION COVER IS ATTAINED AS APPROVED BY THE CITY.



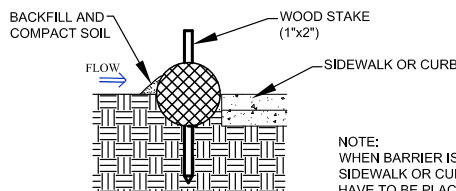
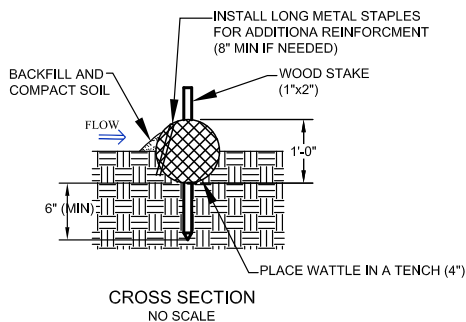
#### NOTE:

1. EXTEND END OF WATTLES FAR ENOUGH TO PREVENT RUNOFF FROM FLOWING AROUND THE ENDS OF THE BARRIER.
2. TIGHTLY ABUT WATTLES END TO PREVENT GAPS
3. SPACING BETWEEN STAKES (4'-0" MAX.)
4. WATTLES MUST HAVE A MINIMUM DIAMETER OF 12"

WATTLE LOCATION  
NO SCALE



EARTHWORK BERM  
NO SCALE



NOTE:  
WHEN BARRIER IS INSTALLED BEHIND A SIDEWALK OR CURB, WATTLES DO NOT HAVE TO BE PLACED WITHIN A TRENCH.

## **Below are links to various Construction Storm Water BMP Manuals for reference.**

Salt Lake County

[http://slco.org/uploadedFiles/depot/publicWorks/engineering/final\\_bmp\\_constructi.pdf](http://slco.org/uploadedFiles/depot/publicWorks/engineering/final_bmp_constructi.pdf)

BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES

Davis County

[http://www.daviscountyutah.gov/docs/librariesprovider20/default-document-library/stormwater-best-management-practices.pdf?sfvrsn=c9cd4053\\_2](http://www.daviscountyutah.gov/docs/librariesprovider20/default-document-library/stormwater-best-management-practices.pdf?sfvrsn=c9cd4053_2)

A Guide to Stormwater Best Management Practices

Nevada DOT

<https://www.nevadadot.com/home/showdocument?id=9417>

Stormwater Quality Manuals: Construction Site Best Management Practices (BMPs) Manual

Caltrans

<http://www.dot.ca.gov/hq/construc/stormwater/CSBMP-May-2017-Final.pdf>

Construction Site Best Management Practices (BMP) Manual

Oregon

<http://www.oregon.gov/deq/FilterPermitsDocs/BMPManual.pdf>

Construction Stormwater Best Management Practices Manual

Los Angeles

<http://dpw.lacounty.gov/cons/specs/BMPManual.pdf>

Construction Site Best Management Practices (BMPs) Manual

Maricopa County (Arizona)

<https://www.maricopa.gov/DocumentCenter/View/2368/2015-03-Drainage-Design-Manual-for-Maricopa-County-Volume-III-Erosion-pdf>

Drainage Design Manual for Maricopa County (Erosion Control)

Minnesota

<https://www.pca.state.mn.us/sites/default/files/wq-strm2-09.pdf>

Stormwater Compliance Assistance Toolkit for Small Construction Operators