

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

Common Plan SWPPP for Swenson Residence

2397 E 6825 N

Liberty, UT 84310

Jeff Swenson

821 Orchard Ct

Fruit Heights UT 84037

Peterson Builders Inc

4794 E 2600 N

Eden, UT 84310

Date

5/20/2018



1. Project Information

Project Name: Swenson Residence

Address: 2937 E 6825 N

City: Liberty

State: UT

Zip: 84310

Latitude: 41.384100

Longitude: -111.893729

UPDES Permit Tracking Number: [Click here to enter text.](#)

Owner: Jeff Swenson

Contact Person: Jeff Swenson

Address: 821 Orchard Ct

City: Fruit Heights

State: UT

Zip: 84037

Telephone Number:

Email Address:

General Contractor: Peterson Builders Inc

Contact Person: David Peterson

Address: 4794 E 2600 N

City: Eden

State: UT

Zip: 84310

Telephone Number: 8017453573

Email Address: david@petersonbuilders.com

Answering "no" to the two questions below means the project is not eligible for this permit.

Is the project in Indian Country?

Yes ☐

No ☒

Is the project a residential building on a single lot and disturbing one acre or less?

Yes ☒

No ☐

2. Pollution Sources/Best Management Practices

Answer yes or no whether the following features are located at your site. If yes, select the BMP(s) that will be used to protect each feature. If no, continue to the next question. Attach necessary illustrated details for proper installation in Appendix G, and show locations of all controls on Site Map in Appendix A.

- 2.1 Is there a SWPPP sign on site?** (see permit part 1.10) Yes ☒ 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.
- 2.2 Will there be construction dewatering on the site?** (see permit part 2.7) Yes ☐ No ☒
BMP(s): ☐ Dewatering of the construction area is needed and a separate dewatering permit has been obtained to treat and discharge water. *Construction Dewatering (if discharged offsite) must be covered by UPDES Permit UTG070000.*
☐ Water from the dewatering of the construction area will be infiltrated on site.
- 2.3 Will there be non-storm water discharges on the site?** (see permit part 1.3) Yes ☐ No ☒
Allowable discharges include: Flushing of drinking water or irrigation water (not including wash or cleaning waters), water used for dust control, spring water or groundwater not exposed to construction activities, water from emergency fire-fighting activities, and water from foot drains not exposed to construction activities. (see permit part 2.4.5 & 2.9).
Please list all anticipated non-storm water discharges: N/A
What will you do to manage the non-storm water discharges? *Please list direct discharges, contained non-storm water discharges, and discharges that are treated separately.*

- BMP(s):** ☐ All non-storm water discharges are listed as allowable per permit part 1.3 and discharged
☐ All non-storm water discharges that are not allowed are properly contained (see questions 2.12 and 2.16)
☐ All non-storm water discharges that are contaminated with sediment only (free of chemicals, oils, etc.) will be treated in a sediment basin or equivalent (see permit part 2.8.1).
☐ Other: [Click here to enter text.](#)
- 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 ☒
If disturbance can be minimized please show the locations on the site map and summarize (here) where disturbances will be delayed for some of the disturbed area: [Click here to enter text.](#)
- 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
☒ Vegetative Buffer ☐ Cut-Back-Curb
☐ Staked straw Wattles (Fiber Rolls) ☐ Weighted Wattles
☐ Other: [Click here to enter text.](#)
- 2.6** **Are surface waters located within 30 feet of your project's earth disturbances?** Yes ☐ No ☒
Note: A 30' natural vegetative buffer MUST be maintained by water bodies. If a buffer less than 30' is used, you must demonstrate that the additional controls offer the same protection as a 30' natural vegetative buffer, and select the reason for exemption below. (see permit part 2.3.5)
BMP(s): ☐ 30' Natural Vegetative Buffer
If less than 30' Natural Vegetative Buffer select additional Controls:
☐ 2 Silt Fence Barrier ☐ 2 Straw Wattle Barriers (Fiber Roll)
☐ Other: [Click here to enter text.](#)
- 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: [Click here to enter text.](#)
- 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 ☒ Cobble ☐ Gravel
☐ Rumble Strips ☐ Wash Down Pad ☐ Delivery Pad
☒ Restricted Site ☐ Selective Access During Dry Weather (Dry soil) Access
☒ Other: Long Driveway
- 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: N/A
BMP(s): ☐ Rock/Sand-filled Bags ☐ Drop Inlet Bags

-
- ☐ Filter Fabric
 ☐ Gravel or Sand filled Wattles
☐ Proprietary inlet devices
☐ Other: [Click here to enter text.](#)
- 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): ☐ Crushed Rock ☐ Wood/Steel Ramps
☐ Other: [Click here to enter text.](#)
- 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 Silt Fence ☐ Surrounded by Staked Straw Wattles
☐ Covered with Tarp ☐ Temporary – Removed same day
☐ Contained by other BMP. Explain: [Click here to enter text.](#)
☐ Other: [Click here to enter text.](#)
- 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): ☐ Lined Depression ☒ Steel Dumpster
☐ Regional Washout (per development)
☐ Other: [Click here to enter text.](#)
- 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: [Click here to enter text.](#)
- 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: [Click here to enter text.](#)
- 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)*
☐ Onsite or Adjacent Indoor Bathrooms
☐ Portable Toilet Secondary Containment (secured down with straps to heavy weights)
☐ Other: [Click here to enter text.](#)
- 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 ☒ Offsite fueling, and maintenance
☒ Spill kit ☐ Spill response plan.
☐ Other: [Click here to enter text.](#)
- 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): ☐ Covering Erodible or Liquid Materials ☐ Secondary Containment
☐ Strategic Storage and Staging ☐ Stored off-site
☐ Enclose them in a weather proof shed.
☐ Other: [Click here to enter text.](#)

2.18 Does your site have steep slopes (greater than 70%)? (see permit part 2.3.2) **Yes** ☐ **No** ☒

BMP(s): ☐ Erosion Control Blanket ☐ Avoid Disturbance on slope
☐ Seeding ☐ Hydroseed
☐ Mulch ☐ Takifiers
☐ Other: [Click here to enter text.](#)

2.19 Are there site conditions that cause storm water flows with highly erosive velocities? (see permit parts 2.3.3 and 2.3.4) **Yes** ☐ **No** ☒

Flows must be controlled to minimize sediment transport.

BMP(s): ☐ Gravel Check Dam ☐ Straw Wattles (Fiber Rolls) Check Dam
☐ Divert Flows around the Site ☐ Armored channel (riprap, geotextile, other)
☐ Other: [Click here to enter text.](#)

2.20 How will you reduce storm water volume to minimize sediment transport, channel and stream bank erosion? (see permit parts 2.3.4 and 2.3.3)

BMP(s): ☐ Utilize basin, depression storage of storm water, cut back curb, or other to hold and infiltrate.
☐ Prevent heavy equipment (as much as possible) from compacting soil so storm water will infiltrate easier.
☐ Rip soil after heavy equipment has caused compaction.
☒ Other: N/A

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

BMP(s): ☐ Wetting with Water ☐ Cover dirt piles with a tarp
☐ Use Magchloride, Calcium Chloride or Lignan Sulfonate
☐ Stabilize surface with mulch, gravel or other surface cover
☐ Other: [Click here to enter text.](#)

2.22 Will there be disturbed areas on the site that will need to be temporarily stabilized before the project is completed? (see permit part 2.6) **Yes** ☐ **No** ☒

Places that are disturbed and then left for over 14 days with no activity, must be temporarily or permanently stabilized.

BMP(s): ☐ Bark or other mulch ☐ Hydro-mulch ☐ Seeding
☐ Tackifier ☐ Staked netting with straw mulch
☐ Other: [Click here to enter text.](#)

2.23 Will the house be sold without any landscaping? **Yes** ☒ **No** ☐

If so, how will you leave the site for the new home owner so sediment will be contained on site until the home owner completes landscaping? (the permit can be terminated when the owner occupies the house even though the site is not stabilized).

BMP(s): ☐ Mulching/Hydro-mulching ☐ Swales ☐ Silt Fence

- ☐ Wattles
☐ Vegetated Buffer
☐ Other: [Click here to enter text.](#)

☐ Cut-Back-Curb ☐ Seeding
☐ Grade Front-Yard Lower than Sidewalk

3. Sequence of Construction Activity

| Type of Construction Activity | Approximate Date Range |
|---|---|
| Start/End of the Project | 6-1-2018 through 6-1-2019 |
| Excavation activities/build Driveway | 6/1/18 – 6/18/18 |
| Foundation/Footings | 6/18/18 – 7/3/18 |
| Backfill | 7/9/18 – 7/20/18 |
| Erection of Building | 7/20/18 – 9/15/18 |
| Utility Lines installed (you may need to separate this into Plumbing lines, electrical lines, gas lines, water lines, Internet lines, etc.) | Water and electrical and sewer and gas sleeves will all be ran from culdisac to house at time of backfill |
| Insert more rows for any stage that should be included | |
| Landscaping (if the house is sold or occupied by owner with landscaping, if not landscaping should not be included) | N/A |

4. Site Map

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
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 |
|--|---|---|---|
| Pesticides (insecticides, fungicides, herbicides, rodenticide) | Chlorinated hydrocarbons, organophosphates, carbamates, arsenic | Herbicides used for noxious weed control | N/A |
| Fertilizer | Nitrogen, phosphorous | Newly seeded areas | N/A |
| Plaster | Calcium sulphate, calcium carbonate, sulfuric acid | Building construction | N/A |
| Cleaning solvents | Perchloroethylene, methylene chloride, trichloroethylene, petroleum distillates | No equipment cleaning allowed in project limits | N/A |
| Asphalt | Oil, petroleum distillates | Streets and roofing | Post asphalt will import and not mix on site. |
| Concrete | Limestone, sand, pH, chromium | Curb and gutter, building construction | Washout dumpster will be provided onsite. |

| Material/Chemical | Storm Water Pollutants | Common Location* | Pollution Prevention Methods |
|----------------------|--|---------------------------------------|---|
| Glue, adhesives | Polymers, epoxies | Building construction | Small quantities. Limited to within the footprint. |
| Paints | Metal oxides, Stoddard solvent, talc, calcium carbonate, arsenic | Building construction | Limited to within the footprint. |
| Curing compounds | Naphtha | Curb and gutter | N/A |
| Wood preservatives | Stoddard solvent, petroleum distillates, arsenic, copper, chromium | Timber pads and building construction | N/A |
| Hydraulic oil/fluids | Mineral oil | Leaks or broken hoses from equipment | N/A |
| Gasoline | Benzene, ethyl benzene, toluene, xylene, MTBE | Secondary containment/staging area | N/A |
| Diesel Fuel | Petroleum distillate, oil & grease, naphthalene, xylenes | Secondary containment/staging area | N/A |
| Kerosene | Coal oil, petroleum distillates | Secondary containment/staging area | N/A |
| Antifreeze/coolant | Ethylene glycol, propylene glycol, heavy metals (copper, lead, zinc) | Leaks or broken hoses from equipment | N/A |
| Sanitary toilets | Bacteria, parasites, and viruses | Staging area | Located near the house at to top of the building lot. It will be staked down to not tip over in a wind storm. |

*(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.

Spill Plan:

Spills will be immediately addressed and contained and removed from the 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.

| Agency | Phone Number |
|--|--------------------------------|
| National Response Center | (800) 424-8802 |
| Division of Water Quality (DWQ) 24-Hr Reporting | (801) 538-6146; (801) 536-4123 |
| Utah Department of Health Emergency Response | (801) 580-6681 |
| Eden Fire Department | (801) 782-3580 |

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:

- 1st Priority: Protect all people (including onsite staff)
- 2nd Priority: Protect equipment and property
- 3rd 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 Weber County Storm Water Division.

Emergency Numbers

| | |
|-------------------------------------|----------------|
| Utah Hazmat Response Officer 24 hrs | (801)-538-3745 |
| City Police Department | (801) 778-6600 |
| County Engineering Division | (801) 399-8374 |

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:

Chad Furgeson will be the initial point of contact for corrective actions. He can be reached at 385-238-6593. He will address the issue with the responsible parties/trade contractors. Basic corrective actions should be completed within 5 working days.

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 walls | | | |
| Concrete flat work | | | |
| Landscaper | | | |
| Other: Click here to enter text. | | | |
| Other: Click here to enter text. | | | |
| Other: Click here to enter text. | | | |
| Other: Click here to enter text. | | | |

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)

11. Delegation of Authority (if any)

Duly Authorized Representatives or Positions:

Company/Organization: Peterson Builders Inc

Name: Chad Furgesson

Position: Superintendent

Address: 4797 E 2600 N

City: Eden

Telephone: 385-238-6593

State: UT

Zip: 84310

Fax/Email: Chadfurt.pbi@gmail.com

Owner/General Contractor Signature: _____ Date: _____

12. Discharge Information

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

☐ Yes ☒ No

Municipal Storm Drain System receiving the discharge from the construction project: N/A

Receiving Waters (look up

<https://deq.utah.gov/ProgramsServices/programs/water/standards/WQmap.htm> 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.*

1. Pineview reservoir

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 | Is this surface water impaired? | Pollutant(s) causing the impairment | Has a TMDL been completed? | Pollutant(s) for which there is a TMDL |
|------------------------|---|-------------------------------------|---|--|
| Pineview | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Temperature dissolved Oxygen | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Temperature Dissolved Oxygen and Total Phosphorus |

13. Certification and Notification

I, David Peterson, 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).

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

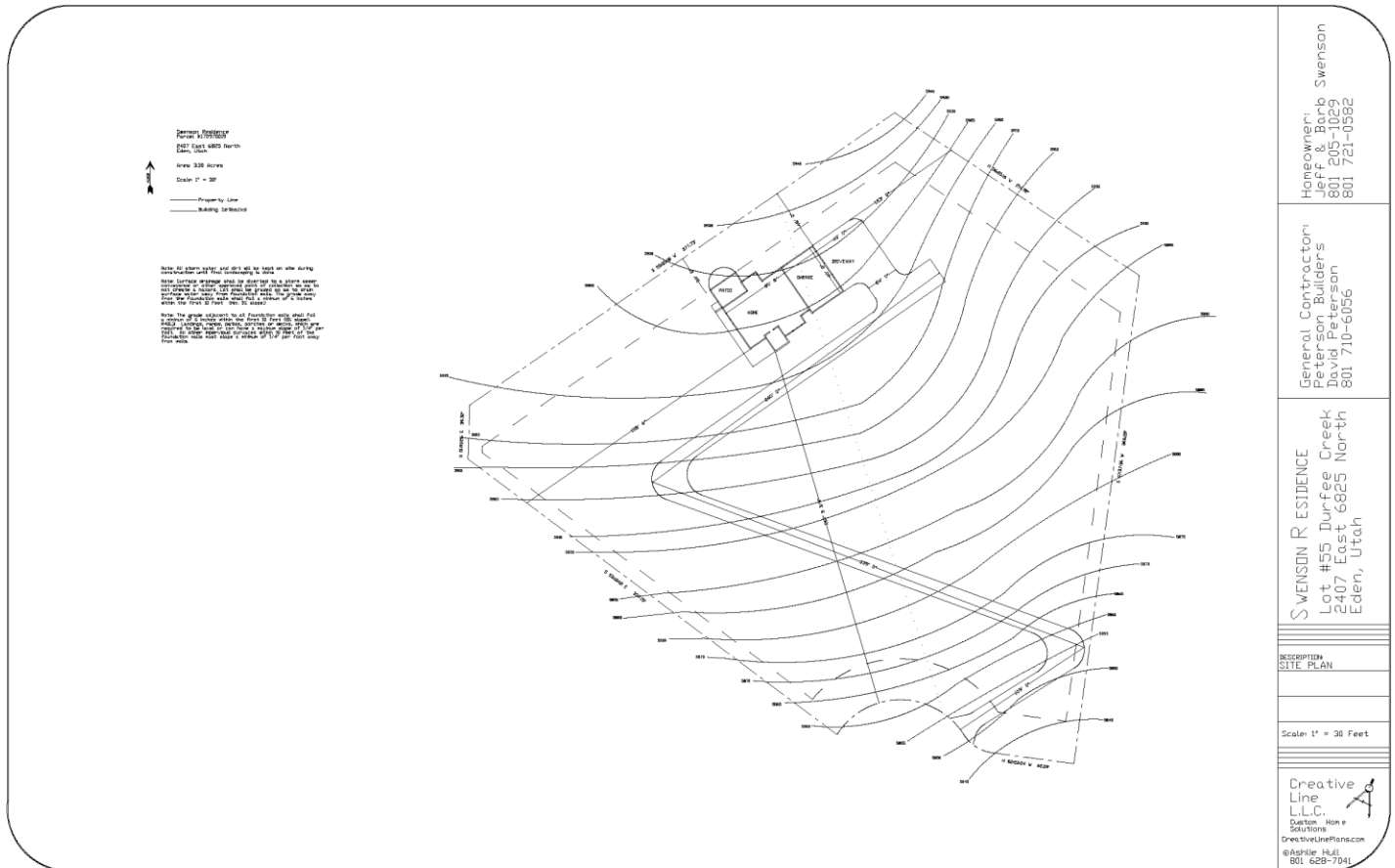
Appendix D: Daily Site Check Log

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





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. UTR100000
(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.

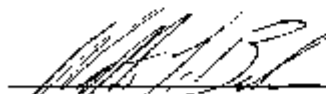
This permit applies to "construction activity" for a single lot disturbing a total of one acre or less and for construction activities related to residential dwellings. A single lot covered by this permit is part of a common plan of development or sale (see definitions in Part 6).

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

APPENDIX C: Notice of Intent and Termination.

Find the Notice of Termination Form at

<https://deq.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.)

Storm Water Pollution Prevention Plan Template (SWPPP)
Common Plan Permit

| | |
|--|---|
| 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 UTRH86835 <u>SEE REVERSE FOR INSTRUCTIONS</u> |
| 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. UTRH86835 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. | |
| PERMIT PERIOD | Permit Start Date: 05/30/2018 Permit Expiration Date: 05/30/2019 |
| PERMIT TYPE | 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 <div style="display: flex; justify-content: space-between;"> <div> Owner Name: Jeff Swenson Address: 821 Orchard Ct City: FRUIT HEIGHTS Contact Person: David Peterson </div> <div> Phone: 801-205-1029 Status of Owner: PRIVATE State: UT Zip: 88403 Phone: 801-745-3573 </div> </div> <hr/> <div style="display: flex; justify-content: space-between;"> <div> GENERAL CONTRACTOR: Peterson Builders Inc Address: 4794 E 2800 N City: WEBER COUNTY (UNINCORPORATED AREA) Contact Person: David Peterson </div> <div> Phone: 801-745-3573 Status of General Contractor: PRIVATE State: UT Zip: 84310 Phone: 801-710-8056 </div> </div> | |
| II. FACILITY SITE / LOCATION INFORMATION <div style="display: flex; justify-content: space-between;"> <div> Name: Swenson Residence Project No. (if any): Address: 2397 E 6825 N City: LIBERTY Latitude: 41.384100 Longitude: -111.893729 Method (check one): <input type="checkbox"/> USGS Topo Map, Scale <input type="checkbox"/> EPA Web site <input type="checkbox"/> GPS <input checked="" type="checkbox"/> Other </div> <div> County: WEBER State: UT Zip: 84310 </div> </div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-top: 10px;"> Is the facility located in Indian Country? Y <input type="checkbox"/> N <input checked="" type="checkbox"/> </div> | |
| III. SITE INFORMATION Municipal Separate Storm Sewer System (MS4) Operator Name: Weber County Receiving Water Body: Pineview Reservoir known this is known <input checked="" type="checkbox"/> this is a guess <input type="checkbox"/> (see http://wq.deq.utah.gov/) Estimate of distance to the nearest water body? 16 miles ft. <input type="checkbox"/> miles. <input checked="" type="checkbox"/> Is the receiving water an impaired or high quality water body (see http://wq.deq.utah.gov/)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> List the Number of any other UPDES permits at the site: N/A | |
| 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). <div style="margin-top: 20px;">55,56</div> | |

APPENDIX E: Inspection Reports

Include BMPs inspected even if they are in good condition. Corrections must be completed before the next weekly inspection.

[illegible]

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, David Peterson (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 Swenson Residence construction site. The designee is authorized to sign any reports, stormwater pollution prevention plans and all other documents required by the permit.

Chad Furgesson (name of person or position)
Peterson Builders Ince (company)
4794 E 2600 N (address)
Eden, UT 84310 (city, state, zip)
385-238-6593 (phone)

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in UPDES common plan permit UTRH00000 (Reference State Permit), and that the designee above meets the definition of a “duly authorized representative” as set forth in UPDES common plan permit UTRH00000 (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.

Storm Water Pollution Prevention Plan Template (SWPPP)
Common Plan Permit

Name: David Peterson

Company: Peterson Builders Inc

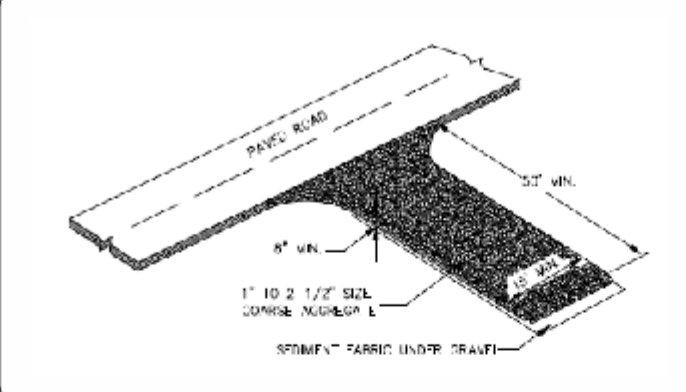

Title: Project Manager

Signature:

Date: 5/30/18

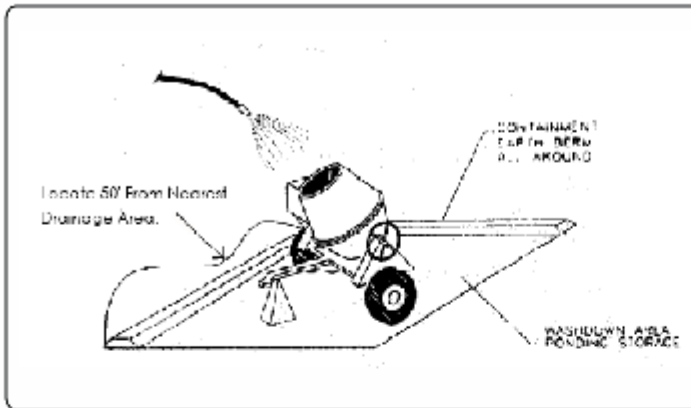
APPENDIX G: BMP Specifications and Details

Label BMPs to match the sections identified in this document.

| BMP: Stabilized Construction Entrance | | SCE |
|---|--|---|
|  | | OBJECTIVES <ul style="list-style-type: none"><input checked="" type="checkbox"/> Housekeeping Practices<input type="checkbox"/> Contain Waste<input type="checkbox"/> Minimize Disturbed Areas<input type="checkbox"/> Stabilize Disturbed Areas<input type="checkbox"/> Protect Slopes/Channels<input checked="" type="checkbox"/> Control Site Perimeter<input type="checkbox"/> Control Internal Erosion |
| DESCRIPTION: <p>A stabilized pad of crushed stone located where construction traffic enters or leaves the site from or to paved surface.</p> | |  WEBER COUNTY ENGINEERING DEPARTMENT 2380 Washington Blvd., Suite 240 Ogden, UT 84401 (801) 399-8374 |
| APPLICATIONS: <ul style="list-style-type: none">▶ At any point of ingress or 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: <ul style="list-style-type: none">▶ 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, 1 to 2-1/2 inches in size, to a minimum depth of 8 inches. | | |
| LIMITATIONS: <ul style="list-style-type: none">▶ Requires periodic top dressing with additional stones.▶ Should be used in conjunction with street sweeping on adjacent public right-of-way. | | |
| MAINTENANCE: <ul style="list-style-type: none">▶ 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. | | TARGETED POLLUTANTS <ul style="list-style-type: none"><input checked="" type="checkbox"/> Sediment<input type="checkbox"/> Nutrients<input type="checkbox"/> Toxic Materials<input type="checkbox"/> Oil & Grease<input type="checkbox"/> Floatable Materials<input type="checkbox"/> Other Waste <ul style="list-style-type: none"><input checked="" type="checkbox"/> High Impact<input checked="" type="checkbox"/> Medium Impact<input type="checkbox"/> Low or Unknown Impact |
| | | IMPLEMENTATION REQUIREMENTS <ul style="list-style-type: none"><input checked="" type="checkbox"/> Capital Costs<input checked="" type="checkbox"/> O&M Costs<input checked="" type="checkbox"/> Maintenance<input type="checkbox"/> Training <ul style="list-style-type: none"><input checked="" type="checkbox"/> High<input checked="" type="checkbox"/> Medium<input type="checkbox"/> Low |

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.

APPLICATIONS:

- ▶ This technique is applicable to all types of sites.

INSTALLATION/APPLICATION CRITERIA:

- ▶ Store dry and wet materials under cover, away from drainage areas.
- ▶ Avoid mixing excess amounts of fresh concrete or cement on-site.
- ▶ Perform washout of concrete trucks off-site or in designated areas only.
- ▶ 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. (See Earth Berm Barrier information sheet.)
- ▶ Train employees and subcontractors in proper concrete waste management.

LIMITATIONS:

- ▶ Off-site washout of 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 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



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ENGINEERING DEPARTMENT

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Ogden, UT 84401
(801) 399-8374

TARGETED POLLUTANTS

- ☐ Sediment
- ☐ Nutrients
- ☐ Toxic Materials
- ☐ Oil & Grease
- ☐ Floatable Materials
- ☒ Other Construction Waste

- ☒ High Impact
- ☒ Medium Impact
- ☐ Low or Unknown Impact

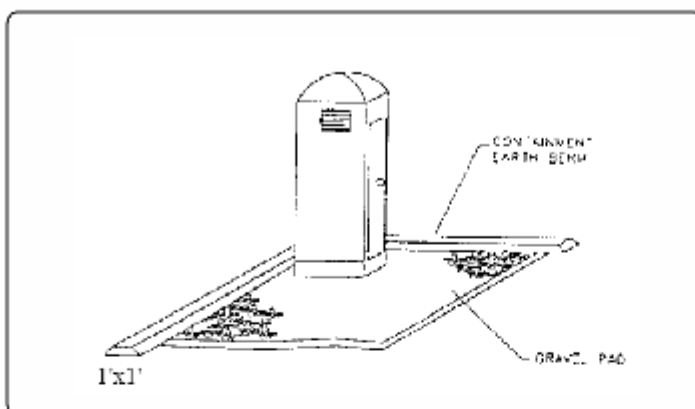
IMPLEMENTATION REQUIREMENTS

- ☐ Capital Costs
- ☐ O&M Costs
- ☒ Maintenance
- ☒ Training

- ☒ High
- ☒ Medium
- ☐ Low

BMP: Portable Toilets

PT



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 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 Information Sheet), control for spill/protection leak.

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.

OBJECTIVES

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



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TARGETED POLLUTANTS

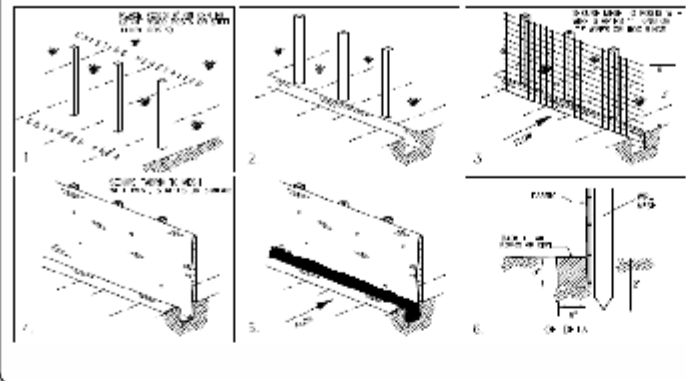

- ☐ Sediment
- ☐ Nutrients
- ☐ Toxic Materials
- ☐ Oil & Grease
- ☐ Floatable Materials
- ☒ Other Construction Waste

- ☒ High Impact
- ☒ Medium Impact
- ☐ Low or Unknown Impact

IMPLEMENTATION REQUIREMENTS

- ☒ Capital Costs
- ☒ O&M Costs
- ☒ Maintenance
- ☐ Training

- ☒ High
- ☒ Medium
- ☐ Low

| BMP: Silt Fence | SF |
|---|--|
|  <p>DESCRIPTION:</p> <ul style="list-style-type: none"> ▶ A temporary sediment barrier consisting of entrenched filter fabric stretched across and secured to supporting posts. <p>APPLICATION:</p> <ul style="list-style-type: none"> ▶ 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 catchbasins <p>INSTALLATION/APPLICATION CRITERIA:</p> <ul style="list-style-type: none"> ▶ Place posts 6 feet apart on center along contour (or use preassembled unit) and drive 2 feet minimum into ground. Excavate an anchor trench immediately upgradient of posts. ▶ Secure wire mesh (14 gage min. With 6 inch openings) to upslope side of posts. Attach with heavy duty 1 inch long wire staples, tie wires or hog rings. ▶ Cut fabric to required 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 filter fabric to anchor. <p>LIMITATIONS:</p> <ul style="list-style-type: none"> ▶ Recommended maximum drainage area of 0.5 acre per 100 feet of fence ▶ Recommended maximum upgradient slope length of 150 feet ▶ Recommended maximum uphill grade of 2:1 (50%) ▶ Recommended maximum flow rate of 0.5 cfs ▶ Ponding should not be allowed behind fence <p>MAINTENANCE:</p> <ul style="list-style-type: none"> ▶ 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. | <p>OBJECTIVES</p> <ul style="list-style-type: none"> <input type="checkbox"/> Housekeeping Practices <input type="checkbox"/> Contain Waste <input type="checkbox"/> Minimize Disturbed Areas <input type="checkbox"/> Stabilize Disturbed Areas <input checked="" type="checkbox"/> Protect Slopes/Channels <input checked="" type="checkbox"/> Control Site Perimeter <input checked="" type="checkbox"/> Control Internal Erosion  <p style="font-size: 1.5em; font-weight: bold; margin: 0;">WEBER COUNTY</p> <p style="font-weight: bold; margin: 5px 0;">ENGINEERING DEPARTMENT</p> <p>2380 Washington Blvd., Suite 240 Ogden, UT 84401 (801) 399-8374</p> <p>TARGETED POLLUTANTS</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Sediment <input type="checkbox"/> Nutrients <input type="checkbox"/> Toxic Materials <input type="checkbox"/> Oil & Grease <input type="checkbox"/> Floatable Materials <input type="checkbox"/> Other Waste <ul style="list-style-type: none"> <input checked="" type="checkbox"/> High Impact <input checked="" type="checkbox"/> Medium Impact <input type="checkbox"/> Low or Unknown Impact <p>IMPLEMENTATION REQUIREMENTS</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Capital Costs <input checked="" type="checkbox"/> O&M Costs <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Training <ul style="list-style-type: none"> <input checked="" type="checkbox"/> High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low |

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

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

A Guide to Stormwater Best Management Practices

Nevada DOT

<http://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