Storm Water Pollution Prevention Plan

The contractor for the WinCo Foods Cross Dock project shall update and maintain this SWPPP document through the construction phase of the project. It shall be the responsibility of the contractor to install and maintain all erosion control measures and facilities. The contractor shall install additional BMPs as required to meet the requirements of Utah Construction Storm Water (UPDES) permit.

for:

WinCo #80 Cross Dock

2423 Rulon White Boulevard

Ogden, UT 84404

Operator(s):

Contractor - TBD

Insert Name

Insert Address

Insert City, State, Zip Code

Insert Telephone Number

Insert Fax/Email

SWPPP Contact(s):

Contractor - TBD

Insert Name

Insert Address

Insert City, State, Zip Code

Insert Telephone Number

Insert Fax/Email

SWPPP Preparation Date:

**02-07-2017**

*Estimated Project Dates:*

**Project Start Date: 04-01-2017**

**Project Completion Date: 11-01-2017**

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Appendix M – BMP Specifications

CGP means “Construction General Permit” (for storm water)

# SECTION 1: CONTACT INFORMATION/ RESPONSIBLE PARTIES

## 1.1 Owner(s) & Contractors

Instructions:

* List the operator(s), project managers, storm water contact(s), and person or organization that prepared the SWPPP. Indicate respective responsibilities, where appropriate.
* Also, list subcontractors expected to work on-site. Notify subcontractors of storm water requirements applicable to their work.
* See *SWPPP Guide*, Chapter 2.B.

|  |
| --- |
| **Owner(s):** |
| WinCo Foods LLC: |
| 650 North Armstrong Place |
| Boise, ID 83704 |
| (208) 672-2066 |
|  |
|  |
|  |

|  |
| --- |
| **Project Manager(s):** |
| Contractor TBD |
| Insert Name: |
| Insert Address: |
| Insert City, State, Zip Code: |
| Insert Telephone Number: |
| Insert Fax/Email: |
| Insert area of control (if more than one for the project): |
|  |

|  |
| --- |
| **Site Supervisor(s):** |
| Contractor TBD |
| Insert Name: |
| Insert Address: |
| Insert City, State, Zip Code: |
| Insert Telephone Number: |
| Insert Fax/Email: |
| Insert area of control (if more than one on site) : |
|  |

|  |
| --- |
| **SWPPP Contact(s):** |
| Contractor TBD |
| Insert Name: |
| Insert Address: |
| Insert City, State, Zip Code: |
| Insert Telephone Number: |
| Insert Fax/Email: |
| Insert area of control (if more than one operator at site) : |
|  |

|  |
| --- |
| **This SWPPP was Prepared by:** |
| SCJ Alliance |
| 8730 Tallon Lane NE, Suite 200 |
| Lacey, WA 98516 |
| (360) 352-1465 |
| Brandon.Johnson@scjalliance.com |
|  |

|  |
| --- |
| **Subcontractor(s):** |
| Contractor TBD |
| Insert Name: |
| Insert Address: |
| Insert City, State, Zip Code: |
| Insert Telephone Number: |
| Insert Fax/Email: |
|  |

|  |
| --- |
| **Emergency 24-Hour Contact:** |
| Contractor TBD |
| Insert Name: |
| Insert Telephone Number: |
|  |

## 

## 1.2 Storm Water Team

Instructions (see CGP Part 7.2.1):

* Identify the staff members (by name or position) that comprise the project’s storm water team as well as their individual responsibilities. At a minimum the storm water team is comprised of individuals who are responsible for overseeing the development of the SWPPP, any later modifications to it, and for compliance with the requirements in this permit (i.e., installing and maintaining storm water controls, conducting site inspections, and taking corrective actions where required).
* Each member of the storm water team must have ready access to either an electronic or paper copy of applicable portions of the 2014 CGP and your SWPPP.

|  |
| --- |
| Contractor TBD |
| Insert Position:  Insert Name: |
| Insert Telephone Number: |
| Insert Email: |
| Insert Role or Responsibility: |
| Insert Position:  Insert Name: |
| Insert Telephone Number: |

Insert Email:

|  |
| --- |
| Insert Role or Responsibility: |
| Insert Position:  Insert Name: |
| Insert Telephone Number: |

Insert Email:

## SECTION 2: SITE EVALUATION, ASSESSMENT, & PLANNING

## 2.1 Project/Site Information

Instructions:

* In this section, you can gather some basic site information that will be helpful to you later when you file for permit coverage.
* For more information, see *Developing Your Storm Water Pollution Prevention Plan: A SWPPP Guide for Construction Sites* (also known as the *SWPPP Guide*), Chapter 2
* Detailed information on determining your site’s latitude and longitude can be found at [www.epa.gov/npdes/stormwater/latlong](http://www.epa.gov/npdes/stormwater/latlong)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Project/Site Name: WinCo Foods LLC, Cross Dock #80 | | | | | |
| Project Street/Location: 2423 Rulon White Boulevard | | | | | |
| City: Ogden | | State: UT | | ZIP Code: 84404 | |
| County or Similar Subdivision: Weber County | | | | | |
| Latitude/Longitude (Use **one** of three possible formats, and specify method) | | | | | |
| Latitude: | Longitude: | | | | |
| 1. 41 º 18 ' 62 '' N (degrees, minutes, seconds) | 1. 112 º 00 ' 57.20 '' W (degrees, minutes, seconds) | | | | |
| 2. \_ \_ º \_ \_ . \_ \_' N (degrees, minutes, decimal) | 2. \_ \_ º \_ \_ . \_ \_' W (degrees, minutes, decimal) | | | | |
| 3. \_ \_ . \_ \_ \_ \_ º N (decimal) | 3. \_ \_ . \_ \_ \_ \_ º W (decimal) | | | | |
| Method for determining latitude/longitude: | | | | | |
| USGS topographic map (specify scale: ) | | | EPA Web site | | GPS |
| Other (please specify): Google Earth | | | | | |
| Is the project located in Indian country?  Yes  No | | | | | |
| If yes, name of Reservation, or if not part of a Reservation, indicate "not applicable." | | | | | |
|  | | | | | |
| Is this project considered a federal facility?  Yes  No | | | | | |
| UPDES project or permit tracking number\*: | | | | | |
| *\*(This is the unique identifying number assigned to your project by your permitting authority after you have applied for coverage under the appropriate National Pollutant Discharge Elimination System (UPDES) construction general permit.)* | | | | | |

## 2.2 Nature of Construction Activity

Instructions:

* Briefly describe the nature of the construction activity and approximate time frames (one or more paragraphs, depending on the nature and complexity of the project).
* For more information, see *SWPPP Guide*, Chapter 3.A.

|  |
| --- |
| Describe the general scope of the work for the project, major phases of construction, etc: |
| The project consist of the remodel of a warehouse, construction of a parking lot, truck dock and stormwater pond. |
| What is the function of the construction activity? |
| Residential  Commercial  Industrial  Road Construction  Linear Utility |
| Other (please specify): |
| Estimated Project Start Date: 04-01-2017 |
| Estimated Project Completion Date: 11-01-2017 |
|  |

## 2.3 Construction Site Estimates

Instructions:

* Estimate the area to be disturbed by excavation, grading, or other construction activities, including dedicated off-site borrow and fill areas.
* Calculate the percentage of impervious surface area before and after construction
* Calculate the runoff coefficients before and after construction (see EPA’s Developing your SWPPP Guide, Appendix C).
* For more information, see *SWPPP Guide (http://www.deq.utah.gov/Permits/water/updes/stormwatercon.htm )*, Chapter 3.A and Appendix C.

|  |  |
| --- | --- |
| The following are estimates of the construction site. | |
| Total project area: | 5.04 acres |
| Construction site area to be disturbed : | 1.75 acres |
| Percentage impervious area before construction: | 30 % |
| Runoff coefficient before construction: | 0.28 |
| Percentage impervious area after construction: | 54 % |
| Runoff coefficient after construction | 0.57 |

## 2.4 Soils, Slopes, Vegetation, and Current Drainage Patterns

Instructions:

* Describe the existing soil conditions at the construction site including soil types, slopes and slope lengths, drainage patterns, and other topographic features that might affect erosion and sediment control.
* Also, note any historic site contamination evident from existing site features and known past usage of the site.
* This information should also be included on your site maps (See *SWPPP Guide*, Chapter 3.C.).
* For more information, see *SWPPP Guide*, Chapter 3.A.

|  |
| --- |
| Soil type(s): Harrisville-Leland Complex and Logan Silt Clay Loam |
|  |
| Slopes: Slopes range from 1% – 4% |
|  |
| Drainage Patterns: Stormwater runoff currenty flow to the county stormwater system in Rulon |
| White Blvd and the existing county stormwater facility located NW of the site. |
| Vegetation: Grass |
|  |
| Other: |
|  |

***2.5 Emergency Related Projects***

Instructions:

* See Part 1.21. in the UCGP. To be an emergency related project is must be considered a public emergency and the cause must be documented along with the description of necessary construction to reestablish effected public services.

|  |
| --- |
| Emergency-Related Project?  Yes  No |
|  |
|  |
|  |

***2.6 Phase/Sequence of Construction Activity***

Instructions:

* Describe the intended construction sequencing and timing of major activities, including any opportunities for phasing grading and stabilization activities to minimize the overall amount of disturbed soil that will be subject to potential erosion at one time. Also, describe opportunities for timing grading and stabilization so that all or a majority of the soil disturbance occurs during a time of year with less erosion potential (i.e., during the dry or less windy season). (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 2.) It might be useful to develop a separate, detailed site map for each phase of construction.
* See CGP Section 7.2.4 for detailed information.
* Also, see EPA’s *Construction Sequencing BMP Fact Sheet* at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

Phase I

* Construction Phase
* Duration of phase (4-1-2017 to 11-1-2017)
* BMPs - Concrete Waste Management, Dust Control, Erosion Control Blankets, Preservation of Existing Vegetation, Stabilized Construction Entrance, Spill Clean-Up, Inlet Protection, Silt Fence
* The stabilization methods used for the construction phase of the project includes temporary seeding, stabilized construction entrance and erosion control blankets.

Phase II

* This project is to be constructed as one phase.

## 2.7 Site Features and Sensitive Areas to be Protected

Instructions:

* Describe unique site features including streams, stream buffers, wetlands, specimen trees, natural vegetation, steep slopes, or highly erodible soils that are to be preserved.
* Describe measures to protect these features.
* Include these features and areas on your site maps.
* This permit does not diminish from or alter in any way a permittees responsibility under the *Endangered Species Act (EAS)*. This permit does not have any requirements pertaining to the ESA. CGP 1.1.5.
* This permit does not diminish from or alter in any way a permittees responsibility under the *National Historic Preservation Act (NHPA)*. This permit does not have any requirements pertaining to the NHPA. CGP 1.1.6.
* For more information, see *SWPPP Guide*, Chapter 3.A and 3.B.
* Silt fence will be used to protect the adjacent property and to protect the existing trees on-site.

## 2.8 Maps

Instructions:

* Attach site maps. For most projects, a series of site maps is recommended. The first should show the undeveloped site and its current features. An additional map or maps should be created to show the developed site or for more complicated sites show the major phases of development.

These maps should include the following:

* Direction(s) of storm water flow and approximate slopes before and after major grading activities;
* Areas and timing of soil disturbance;
* Areas that will not be disturbed;
* Natural features to be preserved;
* Locations of major structural and non-structural BMPs identified in the SWPPP;
* Locations and timing of stabilization measures;
* Locations of off-site material, waste, borrow, or equipment storage areas;
* Locations of all waters of the United States, including wetlands;
* Locations where storm water discharges to a surface water;
* Locations of storm drain inlets; and
* Areas where final stabilization has been accomplished.
* For more information, see *SWPPP Guide*, Chapter 3.C.

Please see the construction plans for a site map and erosion control plans, details and notes.

# SECTION 3: WATER QUALITY

Instructions:

* See Section 3 in CGP. Discharge must be controlled as necessary to meet applicable water quality standards.
* If at any time you, or DWQ/MS4 inspector determined that your discharge is not being controlled as necessary to meet applicable water quality standard, you must take corrective actions as required in Part 5.2. & 5.3. The corrective actions must be documented in this SWPPP as required in Part 5.4.

## 3.1 UIC Class 5 Injection Wells (N/A)

Instructions:

* If you are using any of the following storm water controls at your site, as they are described below, you must document any contact you have had with DWQ for implementing the requirements for underground injection wells in the Safe Drinking Water Act and DEQ’s implementing regulation at UAC R317-7.
* There may be additional local requirements related to such structures
* Such controls (below) would generally be considered Class V UIC wells and all UIC Class V wells must be reported to DWQ for an inventory:
  + [French](http://www.waterquality.utah.gov/UPDES/updes_f.htm) Drains (if storm water is directed);
  + Commercially manufactured pre-cast or pre-built proprietary subsurface detention vaults, chambers, or other devices designed to capture and infiltrate storm water flow.
  + Drywells, seepage pits, or improved sinkholes (if storm water is directed).
* For the State UIC Contact at DWQ call (801) 536-4300.

|  |
| --- |
| French Drain |
| Commercially Manufactured pre-cast or pre-built subsurface infiltration system |
| Drywell(s), seepage pit(s), improved sinkhole(s) |
|  |
| Description of your Class V Injection Well: N/A |
|  |
|  |
| DWQ contact information: |
| Name: |
| Date: |
| Additional information: |
|  |
| Local Requirements: |
|  |

## 3.2 Discharge Information

Instructions:

* For Table 1, list the name of the first surface water(s) that would receive discharges from your site. If your site has discharges to multiple surface waters, describe each as clearly as possible, such as Big Cottonwood Creek, a tributary to the Jordan River, and so on.
* For Table 2, if any of the surface waters you listed out in Table 1 are listed as, provide specified information about pollutants causing the impairment and whether or not a Total Maximum Daily Load (TMDL) has been completed for the surface water that is applicable to construction sites. For more information on TMDLs and impaired waters, including a list of TMDL contacts and links by state, visit <http://www.waterquality.utah.gov/TMDL/> or [www.epa.gov/npdes/stormwater/tmdl](http://www.epa.gov/npdes/stormwater/tmdl). Your SWPPP should specifically include measures to prevent the discharge of these pollutants.
* Your project will be considered to discharge to a Category 1 or 2 water if the first surface water to which you discharge is identified by the state as a Category 1 or 2 water (a Category 1 water is only found within Forest Service boundaries). For discharges that enter a storm sewer system prior to discharge, the first surface water to which you discharge is the water body that receives the storm water discharge from the storm sewer system. Refer to Appendix C.
* For more information, see *SWPPP Guide*, Chapter 3.A and 3.B.
* Indicate the location of all waters, including wetlands, on the site map.
* Note any stream crossings, if applicable.
* List the storm sewer system or drainage system that storm water from your site could discharge to and the waterbody(s) that it ultimately discharges to.

|  |
| --- |
| Does your project/site discharge storm water into a Municipal Separate Storm Sewer System (MS4)?  Yes  No |
| List the MS4 that receives the discharge from the construction project: Willard Bay Reservoir |
|  |
| Are there any surface waters that are located within 50 feet of your construction disturbances?  Yes  No |
| List the water body: Webber County stormwater facility |
|  |

## 3.3 Receiving Waters

**Table 1 – Names of Receiving Waters** (see http://wq.deq.utah.gov)

|  |
| --- |
| Name(s) of the first surface water that receives storm water directly from your site and/or from the MS4. (note: multiple rows provided where your site has more than one point of discharge that flows to different surface waters) |
|
| **1. Weber County Stormwater System.** |
| **2. Willard Bay Reservoir** |
| **3.** |
| **4.** |
| **5.** |
| **6.** |

## 3.4 Impaired Waters

**Table 2. -** **Impaired Waters** (Answer the following for each surface water listed in Table 1 above) (see <http://wq.deq.utah.gov> look in the bottom half of the left hand column)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Is this surface water listed as "impaired"? | If you answered yes, then answer the following: | | |
| What pollutant(s) are causing the impairment? | Has a TMDL been completed? | Pollutant(s) for which there is a TMDL |
| 1. | Yes  No |  | Yes  No |  |
| 2. | Yes  No |  | Yes  No |  |
| 3. | Yes  No |  | Yes  No |  |
| 4. | Yes  No |  | Yes  No |  |
| 5. | Yes  No |  | Yes  No |  |
| 6. | Yes  No |  | Yes  No |  |

## 3.5 High Water Quality

**Table 3 – High Water Quality** (Answer the following for each surface water listed in Table 1 above)

(see http://wq.deq.utah.gov look in the bottom half of the left hand column)

|  |  |  |
| --- | --- | --- |
|  | Is this surface water designated as High Water Quality?  (see Appendix C) | If you answered yes, specify which category the surface water is designated as? |
| **1.** | Yes  No | Category 1  Category 2 |
| **2.** | Yes  No | Category 1  Category 2 |
| **3.** | Yes  No | Category 1  Category 2 |
| **4.** | Yes  No | Category 1  Category 2 |
| **5.** | Yes  No | Category 1  Category 2 |
| **6.** | Yes  No | Category 1  Category 2 |

## 3.6 Dewatering Practices

Instructions:

* If you will be discharging storm water that is removed from excavations, trenches, foundations, vaults, or other similar points of accumulation, include design specifications and details of all dewatering practices that are installed and maintained to comply with the CGP Part 1.3.5.a and 2.1.3.d.
* Construction dewatering is covered under UPDES permit UTG070000. This applies to construction dewatering of uncontaminated storm water, groundwater, or surface water sources used in construction activities. The permit can be found at <http://www.deq.utah.gov/Permits/water/updes/index.htm> (bottom table). Call DWQ at 801-536-4300 for more information.

|  |  |
| --- | --- |
| ***BMP Description: Water shall be pumped to the grass field located west of construction*** | |
| ***Installation Schedule:*** | As required |
| ***Maintenance and Inspection:*** | This activity shall be inspected daily |
| ***Responsible Staff:*** | Contractor TBD |

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

## 3.7 Control Storm Water Flowing onto and through the Project

Instructions:

* Describe structural practices (e.g., diversions, berms, ditches, storage basins) including design specifications and details used to divert flows from exposed soils, retain or detain flows, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 3.)

|  |  |
| --- | --- |
| ***BMP Description***: Preservation of Existing Vegetation, Weber County BMP (PEV) | |
| ***Installation Schedule***: | N/A |
| ***Maintenance and Inspection***: | Maintain silt fence location |
| ***Responsible Staff***: |  |

|  |  |
| --- | --- |
| ***BMP Description*:** | |
| ***Installation Schedule*:** |  |
| ***Maintenance and Inspection*:** |  |
| ***Responsible Staff*:** |  |

## 3.8 Protect Storm Drain Inlets

Instructions:

* Describe controls (e.g., inserts, rock-filled bags, or block and gravel) including design specifications and details that will be implemented to protect all inlets receiving storm water from the project during the entire project. (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 6.)
* Also, see EPA’s *Storm Drain Inlet Protection BMP Fact Sheet* at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

|  |  |
| --- | --- |
| ***BMP Description: Inlet Protection*** | |
| ***Installation Schedule:*** | Prior to start of construction |
| ***Maintenance and Inspection:*** | The inlet protection devise shall be inspected daily and maintained as required. |
| ***Responsible Staff:*** | TBD by contractor |

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

# SECTION 4: POLLUTION PREVENTION STANDARDS

Instructions:

* Describe the key good housekeeping and pollution prevention (P2) BMPs that will be implemented to control pollutants in storm water (CGP Part 2.3).
* For more information, see *SWPPP Guide*, Chapter 5.
* Consult your states or local jurisdiction’s design manual or resources in Appendix D of the *SWPPP Guide*.
* For more information or ideas on BMPs, see EPA’s National Menu of BMPs https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

The following BMPs shall be used during construction. Concrete Waste Management, Dust Control, Erosion Control Blankets, Preservation of Existing Vegetation, Stabilized Construction Entrance, Spill Clean-Up, Inlet Protection, and Silt Fence.

## 4.1 Potential Sources of Pollution

Instructions:

* Identify and list all potential sources of sediment, which may reasonably be expected to affect the quality of storm water discharges from the construction site.
* Identify and describe all potential sources of pollution or pollutant-generating activity (e.g., paving operations; concrete, paint, and stucco washout and waste disposal; solid waste storage and disposal), other than sediment, which could be exposed to rainfall or snowmelt, and may reasonably be expected to discharges from the construction site.
* For more information, see *SWPPP Guide*, Chapter 3.A.

|  |
| --- |
| Potential sources of sediment to storm water runoff: |
| Clearing, grading and excavation if parking lot and truck dock. |
|  |
| Potential pollutants and sources, other than sediment, to storm water runoff: |
| Demolition and debris, material delivery and storage for the remodel of the building, parking lot and truck dock. |

| **Pollutant-Generating Activity** | **Pollutants or Pollutant Constituents**  (that could be discharged if exposed to storm water) | **Location on Site**  (or reference SWPPP site map where this is shown) |
| --- | --- | --- |
| Clearing, grading, excavation, and unstabilized areas | Sediment | Silt fence, see construction plans EC-01 |
|  |  |  |
|  |  |  |
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## 4.2 Non-Storm Water Discharges (N/A)

Instructions:

* Identify all allowable sources of non-storm water discharges that are not previously identified. CGP Part 7.2.9
* The allowable non-storm water discharges identified might include the following (see your permit for an exact list):
* Waters used to wash vehicles where detergents are not used
* Water used to control dust
* Potable water including uncontaminated water line flushings
* Routine external building wash down that does not use detergents
* Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used
* Uncontaminated air conditioning or compressor condensate
* Uncontaminated ground water or spring water
* Foundation or footing drains where flows are not contaminated with process materials such as solvents
* Uncontaminated excavation dewatering
* Landscape irrigation
* Identify measures used to eliminate or reduce these discharges and the BMPs used to prevent them from becoming contaminated.
* For more information, see *SWPPP Guide*, Chapter 3.A.

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| --- | --- |
| **Authorized Non-Storm Water Discharges** | **Comments** |
| N/A |  |
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| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

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| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

## 4.3 Natural Buffers or Equivalent Sediment Controls (N/A)

Instructions (see CGP Parts 2.1.2.a and 7.2.8, and Appendix D):

This section only applies to you if a surface water is located within 50 feet your construction activities. If this is the case, consult CGP Part 2.1.2.a and Appendix D for information on how to comply with the buffer requirements.

* Describe the compliance alternative (CGP Part 2.1.2.a.i, ii, iii, or iv) that was chosen to meet the buffer requirements, and include any required documentation supporting the alternative selected. The compliance alternative selected must be maintained throughout the duration of permit coverage. However, if you select a different compliance alternative during your period of permit coverage, you must modify your SWPPP to reflect this change.
* If you qualify for one of the exceptions in the CGP Part 2.1.2.a.v, include documentation related to your qualification for such exceptions.

**Buffer Compliance Alternatives**

Are there any surface waters within 50 feet of your project’s earth disturbances?  YES  NO

This is an existing Weber County stormwater facility located adjacent to the property.

Check the compliance alternative that you have chosen:

I will provide and maintain a 50-foot undisturbed natural buffer.

I will provide and maintain an undisturbed natural buffer that is less than 50 feet and is supplemented by additional erosion and sediment controls, which in combination achieves the sediment load reduction equivalent to a 50-foot undisturbed natural buffer.

*X*  It is infeasible to provide and maintain an undisturbed natural buffer of any size, therefore I will implement erosion and sediment controls that achieve the sediment load reduction equivalent to a 50-foot undisturbed natural buffer.

A silt fence will be used between the existing Weber County stormwater facility and the project site. Please see construction plans sheet EC-01.

I qualify for one of the exceptions in Part 2.1.2.a.v. (If you have checked this box, provide information on the applicable buffer exception that applies, below.)

**Buffer Exceptions**

Which of the following exceptions to the buffer requirements applies to your site?

There is no discharge of storm water to the surface water that is located 50 feet from my construction disturbances.

X  No natural buffer exists due to preexisting development disturbances that occurred prior to the initiation of planning for this project.

A silt fence will be used between the existing Weber County stormwater facility and the project site. Please see construction plans sheet EC-01.

For a “linear project” (defined in Appendix A), site constraints (e.g., limited right-of-way) make it infeasible for me to meet any of the CGP Part 2.1.2.a.v.3 compliance alternatives. Include documentation here of the following:

The project qualifies as “small residential lot” construction (defined in Part 2.1.2.a.v.3 and in Appendix D).

For Alternative 1 (see Appendix D, Part 2.3.a):

For Alternative 2 (see Appendix D, Part 2.3.b):

Buffer disturbances are authorized under a CWA Section 404 permit.

Buffer disturbances will occur for the construction of a water-dependent structure or water access area (e.g., pier, boat ramp, and trail).

SECTION 5: EROSION AND SEDIMENT CONTROLS

Instructions:

* See Section 2 in the CGP. Describe the erosion and sediment controls (BMPs) that will be implemented to control pollutants in storm water discharges. For each major activity identified, do the following
* Clearly describe appropriate control measures.
* Describe the general sequence during the construction process in which the measures will be implemented.
* Describe the maintenance and inspection procedures that will be used for that specific BMP.
* Include protocols, thresholds, and schedules for cleaning, repairing, or replacing damaged or failing BMPs.
* Identify staff responsible for maintaining BMPs.
* (If your SWPPP is shared by multiple operators, indicate the operator responsible for each BMP.)
* Categorize each BMP under one of the following 10 areas of BMP activity as described below:

***5.1 Minimize disturbed area and protect natural features and soil***

***5.2 Establish Perimeter Controls and Sediment Barriers***

***5.3 Retain Sediment on Site***

***5.4 Establish Stabilized Construction Exits***

***5.5 Protect Slopes***

***5.6 Stockpiled Soil or other Material***

***5.7 Minimize Dust***

***5.8 Topsoil***

***5.9 Soil Compaction***

***5.10 High Altitude/Heavy Snows***

***5.11 Linear Activities***

***5.12 Chemical Treatment***

***5.13 Stabilize Soils***

***5.14 Final Stabilization***

* Note the location of each BMP on your site map(s).
* For any structural BMPs, you should provide design specifications and details and refer to them. Attach them as appendices to the SWPPP or within the text of the SWPPP.
* For more information, see *SWPPP Guide*, Chapter 4.
* Consult your MS4’s or other local jurisdiction’s design manual or one of those listed in Appendix D of the *SWPPP Guide*.
* For more information or ideas on BMPs, see EPA’s National Menu of BMPs https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

## 5.1 Minimize Disturbed Area and Protect Natural Features and Soil

Instructions:

* Describe the areas that will be disturbed with each phase of construction and the methods (e.g., signs, fences) that you will use to protect those areas that should not be disturbed. Describe natural features identified earlier and how each will be protected during construction activity. Also describe how topsoil will be preserved. Include these areas and associated BMPs on your site map(s) also. (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 1.)
* Also, see EPA’s *Preserving Natural Vegetation BMP Fact Sheet* at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

The area to be disturbed is only the area required to construct the parking lot, truck dock and stormwater facility. The contractor shall provide daily inspection to insure erosion control measure are installed and maintained.

## 5.2 Establish Perimeter Controls and Sediment Barriers

Instructions:

* Describe structural practices (e.g., silt fences or fiber rolls) including design specifications and details to filter and trap sediment before it leaves the construction site. (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 7.)
* Also see, EPA’s *Silt Fence BMP Fact Sheet* at https://www3.epa.gov/npdes/pubs/siltfences.pdf, or *Fiber Rolls BMP Fact Sheet* at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

|  |  |
| --- | --- |
| ***BMP Description: Silt Fence, Weber County (SF)*** | |
| ***Installation Schedule:*** | Prior to construction |
| ***Maintenance and Inspection:*** | Weekly |
| ***Responsible Staff:*** | Contractor TBD |

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

## 5.3 Retain Sediment On-Site

Instructions:

* Describe sediment control practices (e.g., sediment trap or sediment basin), including design specifications and details (volume, dimensions, outlet structure) that will be implemented at the construction site to retain sediments on-site. (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 8.)
* Also, see EPA’s *Sediment Basin BMP Fact Sheet* at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

|  |  |
| --- | --- |
| ***BMP Description: Inlet Protection*** | |
| ***Installation Schedule:*** | Prior to construction |
| ***Maintenance and Inspection:*** | Weekly |
| ***Responsible Staff:*** | Contractor TBD |

|  |  |
| --- | --- |
| ***BMP Description: Stabilized Construction Entrance, Weber County (SCE)*** | |
| ***Installation Schedule:*** | Prior to construction |
| ***Maintenance and Inspection:*** | Weekly |
| ***Responsible Staff:*** | Contractor TBD |

## 5.4 Establish Stabilized Construction Exits

Instructions:

* Describe location(s) of vehicle entrance(s) and exit(s), procedures to remove accumulated sediment off-site (e.g., vehicle tracking), and stabilization practices (e.g., stone pads or wash racks or both) to minimize off-site vehicle tracking of sediments and discharges to storm water. (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 9.)
* Also, see EPA’s *Construction Entrances BMP Fact Shee*t at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

|  |  |
| --- | --- |
| ***BMP Description: Stabilized Construction Entrance, Weber County (SCE)*** | |
| ***Installation Schedule:*** | Prior to construction |
| ***Maintenance and Inspection:*** | Weekly |
| ***Responsible Staff:*** | Contractor TBD |

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

## 5.5 Protect Slopes

Instructions:

* Describe controls (e.g., erosion control blankets, tackifiers) including design specifications and details that will be implemented to protect all slopes. (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 5.)
* Also, see EPA’s *Geotextiles BMP Fact Sheet* at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

|  |  |
| --- | --- |
| ***BMP Description: Erosion Control Blankets*** | |
| ***Installation Schedule:*** | After construction of stormwater basin. |
| ***Maintenance and Inspection:*** | Daily |
| ***Responsible Staff:*** | Contractor TBD |

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

## 5.6 Stockpiled Soil or Other Erodible Material

Instructions:

* Describe storm water controls and other measures you will take to minimize the discharge of sediment or soil particles from stockpiled soil or other erodible material. Include a description of structural practices (e.g., diversions, berms, ditches, storage basins), including installation, and maintenance specifications, used to divert flows from stockpiled sediment or soil, retain or detain flows, or otherwise limit exposure and the discharge of pollutants from stockpiled sediment or soil.
* Also, describe any controls or procedures used to minimize exposure resulting from adding to or removing materials from the pile.

|  |  |
| --- | --- |
| ***BMP Description: Erosion Control Blankets, Weber County (ECB)*** | |
| ***Installation Schedule:*** | After a stock pile is made. |
| ***Maintenance and Inspection:*** | Daily |
| ***Responsible Staff:*** | Contractor TBD |

|  |  |
| --- | --- |
| ***BMP Description: Plastic Covering*** | |
| ***Installation Schedule:*** | After a stock pile is made |
| ***Maintenance and Inspection:*** | Daily |
| ***Responsible Staff:*** | Contractor TBD |

Repeat as needed

## 5.7 Minimize Dust

Instructions:

* Describe controls and procedures you will use at your project/site to minimize the generation of dust.

|  |  |
| --- | --- |
| ***BMP Description: Weber County Dust Control (DC)*** | |
| ***Installation Schedule:*** | Dust control shall be provided on an as needed basis. |
| ***Maintenance and Inspection:*** | The site shall be evaluated for the need of dust control daily. |
| ***Responsible Staff:*** | Contractor TBD |

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

## 5.8 Topsoil

Instructions:

* Describe how topsoil will be preserved and identify these areas and associated control measures on your site map(s).
* If it is infeasible for you to preserve topsoil on your site, provide an explanation for why this is the case.

|  |  |
| --- | --- |
| ***BMP Description: Topsoil not used on the project site will be removed.*** | |
| ***Installation Schedule:*** | As needed |
| ***Maintenance and Inspection:*** | Topsoil stock piles shall be protected per section 5.6 |
| ***Responsible Staff:*** | Contractor TBD |

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

## 5.9 Soil Compaction

Instructions:

* In areas where final vegetative stabilization will occur or where infiltration practices will be installed, describe the controls, including design, installation, and maintenance specifications that will be used to restrict vehicle or equipment access or condition the soil for seeding or planting.

|  |  |
| --- | --- |
| ***BMP Description: Silt Fence, Weber County (SF)*** | |
| ***Installation Schedule:*** | Prior to construction |
| ***Maintenance and Inspection:*** | The silt fence shall be inspected weekly and maintained. This will limit where machinery can be pared on-site. |
| ***Responsible Staff:*** | Contractor TBD |

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

## 5.10 High Altitude/Heavy Snows (N/A)

Instructions:

* See Part 2.1.2.i of the CGP. You must attempt to prepare for heavy snows by deploying storm water controls prior t5.o the first heavy snow, and have appropriate storm water control measures designed to handle snow melt before heavy snows occur.
* Stabilization measures should be deployed at the same time (See 2.2.1.c of the CGP).

|  |  |  |
| --- | --- | --- |
| **Date Snow is Expected** | **Date of High Altitude/Heavy Snow Conditions BMPs to be Installed** | **Date of First Heavy Snow** |
|  | Scheduled: |  |
| Actual: |

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

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| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

## 5.11 Linear Activities (N/A)

Instructions:

* See Part 2.1.2.b.i of the CGP. For linear projects, where you have determined that the use of perimeter controls in portions of the site is impracticable due to rights-of-ways, document why you believe this to be the case.

This project is not a linear project.

## 5.13 Stabilize Soils

Instructions:

* Describe controls (e.g., interim seeding with native vegetation, hydroseeding) to stabilize exposed soils where construction activities have temporarily or permanently ceased. Also describe measures to control dust generation. Avoid using impervious surfaces for stabilization whenever possible. (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 4.)
* Also, see EPA’s *Seeding BMP Fact Sheet* at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

|  |  |
| --- | --- |
| ***BMP Description: Permanent stabilization will be per the landscape plan*** | |
| ***Permanent***  ***Temporary*** | |
| ***Installation Schedule:*** | The site shall be landscaped to provide final site stabilization |
| ***Maintenance and Inspection:*** | It shall be the owner responsivity to maintain the landscaping on the project is constructed. |
| ***Responsible Staff:*** | Owner |

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Permanent***  ***Temporary*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

Repeat as needed

## 5.14 Final Stabilization

Instructions:

* Describe procedures for final stabilization. If you complete major construction activities on part of your site, you can document your final stabilization efforts for that portion of the site (specific vegetative and/or non-vegetative practices). The CGP allows you to then discontinue inspection activities in these areas.
* You can amend or add to this section as areas of your project are finally stabilized.
* Update your site plans to indicate areas that have achieved final stabilization.
* Note that dates for areas that have achieved final stabilization should be included in Section 5, Part 5.1 of this SWPPP.
* For more on this topic, see *SWPPP Guide*, Chapter 9.

|  |  |
| --- | --- |
| ***BMP Description: Permanent stabilization will be per the landscape plan*** | |
| ***Installation Schedule:*** | The site shall be landscaped to provide final site stabilization |
| ***Maintenance and Inspection:*** | It shall be the owner responsivity to maintain the landscaping on the project is constructed. |
| ***Responsible Staff:*** | Owner |

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

# SECTION 6: POLLUTION PREVENTION

Instructions:

* Describe the key good housekeeping and pollution prevention (P2) BMPs that will be implemented to control pollutants in storm water (CGP Part 2.3).
* For more information, see *SWPPP Guide*, Chapter 5.
* Consult your state’s or local jurisdiction’s design manual or resources in Appendix D of the *SWPPP Guide*.
* For more information or ideas on BMPs, see EPA’s National Menu of BMPs https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

## 6.1 Spill Prevention and Response

Instructions:

* Describe the spill prevention and control plan to include ways to reduce the chance of spills, stop the source of spills, contain and clean up spills, dispose of materials contaminated by spills, and train personnel responsible for spill prevention and control. (For more information, see *SWPPP Guide*, Chapter 5, P2 Principle 6.)
* Some projects/site may be required to develop a Spill Prevention Control and Countermeasure (SPCC) plan under a separate regulatory program (40 CFR 112). If you are required to develop an SPCC plan, or you already have one, you should include references to the relevant requirements from your plan.
* Also, see EPA’s *Spill Prevention and Control Plan BMP Fact sheet* at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

|  |
| --- |
| The contractor shall take care not to spill containments. Spill Clean-Up shall be Weber County’s BMP (SCU) |

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 permittees. 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 within14 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)-231-1769 (801) 536-4123 |
| Utah Department of Health Emergency Response | (801) 580-6681 |

|  |  |  |
| --- | --- | --- |
| **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 |
| Antifreeze, battery acid, gasoline,  engine degreasers | Air, Land, Water | 100 lbs (13 gallons) |
| Refrigerant | Air | 1 lb |

## 6.2 Construction and Domestic Waste

Instructions:

* Describe measures (e.g., trash disposal, sanitary wastes, recycling, and proper material handling) to prevent the discharge of solid materials to receiving waters, except as authorized by a permit issued under section 404 of the CWA (For more information, see *SWPPP Guide*, Chapter 5, P2 Principle 1.)
* Also, see EPA’s *General Construction Site Waste Management BMP Fact Sheet* at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

|  |  |
| --- | --- |
| ***BMP Description: Trash Disposal, Weber County (WD)*** | |
| ***Installation Schedule:*** | Prior to construction |
| ***Maintenance and Inspection:*** | Trash bins shall be inspected weekly |
| ***Responsible Staff:*** | Contractor TBD |
| ***BMP Description: Sanitary Waste, Portable Toilet, Weber County (PT)*** | |
| ***Installation Schedule:*** | Prior to construction |
| ***Maintenance and Inspection:*** | As required |
| ***Responsible Staff:*** | Contractor TBD |

## 6.3 Washing of Applicators and Containers used for Concrete, Paint or Other Materials

Instructions:

* Describe location(s) and controls to eliminate the potential for discharges from washout areas for concrete mixers, concrete washout, paint, stucco, mortar, drywall mud, and so on. (For more information, see *SWPPP Guide*, Chapter 5, P2 Principle 3.)
* Also, see EPA’s *Concrete Washout BMP Fact Sheet* at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

|  |  |
| --- | --- |
| ***BMP Description: Weber County Concrete Waste Management (CWM)*** | |
| ***Installation Schedule:*** | At the start of concrete pours |
| ***Maintenance and Inspection:*** | As needed |
| ***Responsible Staff:*** | Contractor |

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

## 6.4 Establish Proper Building Material Staging Areas

Instructions:

* Describe construction materials expected to be stored on-site and procedures for storage of materials to minimize exposure of the materials to storm water. (For more information, see *SWPPP Guide*, Chapter 5, P2 Principle 2.)

|  |  |
| --- | --- |
| ***BMP Description: Weber County Material Storage (MS)*** | |
| ***Installation Schedule:*** | Start of construction |
| ***Maintenance and Inspection:*** | Storage of construction material shall be maintained and inspected weekly |
| ***Responsible Staff:*** | Contractor |

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

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

Instructions:

* Describe equipment/vehicle fueling and maintenance practices that will be implemented to control pollutants to storm water (e.g., secondary containment, drip pans, and spill kits). CGP Part 2.3.3.a
* For more information, see *SWPPP Guide*, Chapter 5, P2 Principle 4.
* Also, see EPA’s *Vehicle Maintenance and Washing Areas BMP Fact Sheet* at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

|  |  |
| --- | --- |
| ***BMP Description: Weber County Vehicle and Equipment Fueling*** | |
| ***Installation Schedule:*** | At start of construction |
| ***Maintenance and Inspection:*** | Vehicle and equipment fueling shall be completed as needed. |
| ***Responsible Staff:*** | Contractor TBD |

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| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

## 6.6 Control Equipment/Vehicle Washing

Instructions:

* Describe equipment/vehicle washing practices that will be used to minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other types of washing (e.g., locating activities away from surface waters and storm water inlets or conveyances and directing wash waters to a sediment basin or sediment trap, using filtration devices, such as filter bags or sand filters, or using other similarly effective controls). (For more information, see *SWPPP Guide*, Chapter 5, P2 Principle 5.)
* Describe how you will prevent the discharge of soaps, detergents, or solvents by providing either (1) cover (*examples:* *plastic sheeting or temporary roofs*) to prevent these detergents from coming into contact with rainwater, or (2) a similarly effective means designed to prevent the discharge of pollutants from these areas.
* Also, see EPA’s *Vehicle Maintenance and Washing Areas BMP Fact Sheet* at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

|  |  |
| --- | --- |
| ***BMP Description: Weber County Equipment and Vehicle Wash Down Area*** | |
| ***Installation Schedule:*** | Start of construction |
| ***Maintenance and Inspection:*** | Equipment and vehicle shall be washed and maintained as needed |
| ***Responsible Staff:*** | Contractor TBD |

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

## 6.7 Pesticides, Herbicides, Insecticides, Fertilizers, and Landscape Materials (N/A)

Instructions:

* Describe how you will comply with the CGP Part 2.3.5 requirement to “minimize discharges of fertilizers containing nitrogen or phosphorus”.

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

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| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

## 6.8 Other Pollution Prevention Practices (N/A)

Instructions:

* Describe any additional BMPs that do not fit into the above categories. Indicate the problem they are intended to address.

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

|  |  |
| --- | --- |
| ***BMP Description:*** | |
| ***Installation Schedule:*** |  |
| ***Maintenance and Inspection:*** |  |
| ***Responsible Staff:*** |  |

# SECTION 7: INSPECTIONS & CORRECTIVE ACTIONS

## 7.1 Inspections

Instructions:

* Identify the individual(s) responsible for conducting inspections and ensure they are a “qualified person” per the CGP Part 4.
* The “qualified person” must meet the requirements of the UCGP, such as but not limited to the following:
* Utah Registered Storm Water Inspector (RSI)
* Certified Professional in Erosion and Sediment Control (CPESC)
* Certified Professional in Storm Water Quality (CPSWQ)
* Certified Erosion, Sediment, and Storm Water Inspector (CESSWI)
* Certified Inspector of Sediment and Erosion Control (CISEC)
* National Institute for Certification in Engineering Technologies, Erosion and Sediment Control, Level 3 (NICET)
* Utah Department of Transportation Erosion Control Supervisor (ECS)
* Reference or attach the inspection form that will be used.
* Describe the frequency that inspections will occur at your site including any correlations to storm frequency and intensity.
* Increase in inspection frequency for sites discharging to Sensitive Waters (CGP 4.1.3).
* Note that inspection details for particular BMPs should be included in Sections 2 and 3.
* You should also document the repairs and maintenance that you undertake as a result of your inspections. These actions can be documented in the corrective action log described in Part 5.3 below.
* For more on this topic, see *SWPPP Guide*, Chapters 6 and 8.
* Also, see suggested inspection form in Appendix B of the *SWPPP Guide*.

|  |
| --- |
| 1. Inspection Personnel: Identify the person(s) who will be responsible for conducting inspections and describe their qualifications: |
| The contractor shall identify personnel be responsible for conducting inspection |
| 2. Inspection Schedule and Procedures: |
| Describe the inspection schedules and procedures you have developed for your site (include frequency of inspections for each BMP or group of BMPs, indicate when you will inspect, e.g., before/during/and after rain events, spot inspections): |
| The contractor shall prepare inspection schedules and procedures for the project and updated as required to maintain the project site. |
|  |
| Describe the general procedures for correcting problems when they are identified. Include responsible staff and time frames for making corrections: |
| If a problem is identified with erosion control measure the contractor shall provide measure to remedy the situation. |
| Attach a copy of the inspection report you will use for your site. |
| See Attached |

## Reduction in Inspection Frequency (if applicable)

For the reduction in inspections resulting from stabilization: SPECIFY (1) LOCATIONS WHERE STABILIZATION STEPS HAVE BEEN COMPLETED AND (2) DATE THAT THEY WERE COMPLETED

For reduction in inspections due to frozen conditions: INSERT BEGINNING AND ENDING DATES OF FROZEN CONDITIONS ON YOUR SITE

## 7.2 Corrective Actions

Instructions:

* Create here, or as an attachment, a corrective action log. This log should describe repair, replacement, and maintenance of BMPs undertaken as a result of the inspections and maintenance procedures described above. Actions related to the findings of inspections should reference the specific inspection report.
* This log should describe actions taken, date completed, and note the person that completed the work.

|  |
| --- |
| Corrective Action Log: |
| See Attached |

## 7.3 Delegation of Authority

Instructions:

* Identify the individual(s) or specifically describe the position where the construction site operator has delegated authority for the purposes of signing inspection reports, certifications, or other information.
* Each inspection report must be signed in accordance with Appendix G, Part G.16 of the permit.
* If a delegation letter is necessary, see Appendix K of this template and submit it to the Department and include in the SWPPP in Appendix K.
* For more on this topic, see *SWPPP Guide*, Chapter 7.

|  |
| --- |
| **Duly Authorized Representative(s) or Position(s):** |
| Contractor TBD |
| Insert Name: |
| Insert Position: |
| Insert Address: |
| Insert City, State, Zip Code: |
| Insert Telephone Number: |
| Insert Fax/Email: |
|  |
| Attach a copy of the signed delegation of authority form in Appendix K. |

# SECTION 8: TRAINING AND RECORDKEEPING

## 8.1 Training

Instructions:

* Training your staff and subcontractors is an effective BMP. As with the other steps you take to prevent storm water problems at your site, document that the personnel required to be trained in CGP Part 6 completed the appropriate training.
* The following personnel, at a minimum, must receive training, and therefore should be listed out individually in the table below:
  + Personnel who are responsible for the design, installation, maintenance, and/or repair of storm water controls (including pollution prevention measures);
  + Personnel responsible for the application and storage of treatment chemicals (if applicable);
  + Personnel who are responsible for conducting inspections as required in Part 4.1.1; and
  + Personnel who are responsible for taking corrective actions as required in Part 5.
* Include dates, number of attendees, subjects covered, and length of training.
* For more on this subject, see *SWPPP Guide*, Chapter 8.

|  |
| --- |
| Individual(s) Responsible for Training: |
| Contractor TBD |
|  |
| Describe Training Conducted: |
| * + - General stormwater and BMP awareness training for staff and subcontractors: |
| Contractor shall provide information on staff training. |
|  |
| * + - Detailed training for staff and subcontractors with specific stormwater responsibilities: |
| Contractor shall provide information on staff training. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Training Attendee Name** | **Title of Training** | **Duration** | **Date of Training** |
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Additional training documentation should be included in Appendix J.

## 8.2 Recordkeeping

Instructions:

* The following is a list of records you should keep at your project site available for inspectors to review:
* Dates of grading, construction activity, and stabilization (which is covered in Sections 2 and 3)
* A copy of the construction general permit (attach)
* The signed and certified NOI form or permit application form (attach)
* A copy of the letter from EPA or/the state notifying you of their receipt of your complete NOI/application (attach)
* Inspection reports (attach)
* Check your permit for additional details
* For more on this subject, see *SWPPP Guide*, Chapter 6.C.

|  |
| --- |
| Records will be retained for a minimum period of at least 3 years after the permit is terminated. |
|  |
| Date(s) when major grading activities occur: |
| INSERT LOG HERE or REFERENCE ATTACHMENT |
|  |
| Date(s) when construction activities temporarily or permanently cease on a portion of the site: |
| INSERT LOG HERE or REFERENCE ATTACHMENT |
|  |
| Date(s) when an area is either temporarily or permanently stabilized: |
| INSERT LOG HERE or REFERENCE ATTACHMENT |

## 8.3 Log of Changes to the SWPPP

Instructions:

* Create a log here, or as an attachment, of changes and updates to the SWPPP. You should include additions of new BMPs, replacement of failed BMPs, significant changes in the activities or their timing on the project, changes in personnel, changes in inspection and maintenance procedures, updates to site maps, and so on.

|  |
| --- |
| Log of changes and updates to the SWPPP |
| INSERT LOG HERE or REFERENCE ATTACHMENT |

# SECTION 9: CERTIFICATION

Instructions:

* The SWPPP should be signed and certified by the owner and the general contractor. Attach a copy of the NOI and a copy of the General Storm Water Permit for Construction Activity. You can get a copy of the General Storm Water Permit for Construction Activity on the same web page that this template was obtained (http://www.deq.utah.gov/Permits/water/updes/stormwatercon.htm)

***Owner***

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: |  | | Title: |  | | |
| Signature: | |  | | | Date: |  |

***General Contractor***

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: |  | | Title: |  | | |
| Signature: | |  | | | Date: |  |

# SWPPP APPENDICES

Attach the following documentation to the SWPPP:

***Appendix A – Construction Plans***

***Appendix C – Construction General Permit***

***Appendix D – NOI and Acknowledgement Letter from EPA/State/MS4***

***Appendix E – Inspection Reports***

***Appendix F – Corrective Action Log (see CGP 5.4)***

***Appendix G – SWPPP Amendment Log (see CGP 7.4.3)***

***Appendix H – Subcontractor Certifications/Agreements***

***Appendix I – Grading and Stabilization Activities Log (see CGP 7.2.4.b)***

***Appendix J – Training Log (see CGP 6)***

***Appendix K – Delegation of Authority (see CGP Appendix G16.1.2)***

***Appendix L – Additional Information (i.e., Other permits such as dewatering, stream alteration, wetland; and out of date swppp documents)***

***Appendix M – BMP Specifications***

Appendix F– *Sample* Corrective Action Log

**Project Name:**

**SWPPP Contact**:

| **Inspection Date** | **Inspector Name(s)** | **Description of BMP Deficiency** | **Corrective Action Needed (including planned date/responsible person)** | **Date Action Taken/Responsible person** |
| --- | --- | --- | --- | --- |
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Appendix G– *Sample* SWPPP Amendment Log

**Project Name:**

**SWPPP Contact:**

| **Amendment No.** | **Description of the Amendment** | **Date of Amendment** | **Amendment Prepared by [Name(s) and Title]** |
| --- | --- | --- | --- |
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Appendix H– *Sample* Subcontractor Certifications/Agreements

SUBCONTRACTOR CERTIFICATION

STORMWATER POLLUTION PREVENTION PLAN

Project Number: ­­

Project Title:

Operator(s):

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

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

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

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

Company:

Address:

Telephone Number:

Type of construction service to be provided:

Signature:

Title:

Date:

Appendix I– *Sample* Grading and Stabilization Activities Log

**Project Name:**

**SWPPP Contact:**

| **Date Grading Activity Initiated** | **Description of Grading Activity** | **Date Grading Activity Ceased (Indicate Temporary or Permanent)** | **Date When Stabilization Measures are Initiated** | **Description of Stabilization Measure and Location** |
| --- | --- | --- | --- | --- |
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Appendix J– *Sample* SWPPP Training Log

**Stormwater Pollution Prevention Training Log**

|  |
| --- |
| Project Name: |
| Project Location: |
| Instructor’s Name(s): |
| Instructor’s Title(s): |

Course Location:  Date:

Course Length (hours):

Stormwater Training Topic: *(check as appropriate)*

|  |  |  |  |
| --- | --- | --- | --- |
| ❑ | **Erosion Control BMPs** | ❑ | **Emergency Procedures** |
|  |  |  |  |
| ❑ | **Sediment Control BMPs** | ❑ | **Good Housekeeping BMPs** |
|  |  |  |  |
| ❑ | **Non-Stormwater BMPs** |  |  |
|  | | | |

Specific Training Objective:

Attendee Roster: *(attach additional pages as necessary)*

|  |  |  |
| --- | --- | --- |
| **No.** | **Name of Attendee** | **Company** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
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Appendix K– *Sample* Delegation of Authority Form

Delegation of Authority

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

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

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (company)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (address)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (city, state, zip)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (phone)

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

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

**Name:**

**Company:**

**Title:**

**Signature:**

**Date:**